

# Digest of Education Statistics 53rd Edition

# 2017





# **Digest of Education Statistics 2017**

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## FOREWORD

The 2017 edition of the *Digest of Education Statistics* is the 53rd in a series of publications initiated in 1962. The *Digest* has been issued annually except for combined editions for the years 1977–78, 1983–84, and 1985–86. Its primary purpose is to provide a compilation of statistical information covering the broad field of American education from prekindergarten through graduate school. The *Digest* includes a selection of data from many sources, both government and private, and draws especially on the results of surveys and activities carried out by the National Center for Education Statistics (NCES). To qualify for inclusion in the *Digest*, material must be nationwide in scope and of current interest and value. The publication contains information on a variety of subjects in the field of education statistics, including the number of schools and colleges, teachers, enrollments, and graduates, in addition to data on educational attainment, finances, federal funds for education, libraries, and international comparisons. Supplemental information on population trends, attitudes on education, education characteristics of the labor force, government finances, and economic trends provides background for evaluating education data. Although the *Digest* contains important information on federal education funding, more detailed information on federal activities is available from federal education program offices.

The *Digest* contains seven chapters: All Levels of Education, Elementary and Secondary Education, Postsecondary Education, Federal Funds for Education and Related Activities, Outcomes of Education, International Comparisons of Education, and Libraries and Use of Technology. Each chapter is divided into a number of topical subsections. Preceding the seven chapters is an Introduction that provides a brief overview of current trends in American education, which supplements the tabular materials in chapters 1 through 7. The *Digest* concludes with two appendixes. The first appendix, Guide to Sources, provides a brief synopsis of the surveys used to generate the *Digest* tables; the second, Definitions, is included to help readers understand terms used in the *Digest*.

The *Digest* can be accessed from <https://nces.ed.gov/programs/digest>. Tables from each *Digest* edition since 1995 can be viewed by selecting the edition year from a drop-down menu. All tables that appear in the print version of the *Digest* are also included in the online version. In addition, the online version of recent editions includes a number of supplemental “web-only” tables. (Web-only

tables are identified as such in the print version’s comprehensive List of Reference Tables.) In the online version, *Digest* tables are available both in HTML format and as downloadable Excel files. The most current versions of *Digest* tables are posted to the NCES website on a rolling basis before the entire edition of the report has been completed. The “Most Current Digest Tables” page provides access to the most recent versions of all tables, including any tables already completed for an edition currently in progress.

In addition to providing updated versions of many statistics that have appeared in previous years, this edition incorporates new material on the following topics:

- Percentage distribution of children who were under 6 years old and not yet in kindergarten, by main reason household wanted a child care program, primary reason for difficulty finding child care, and selected child and family characteristics (table 202.30a)
- Percentage distribution of children who were under 6 years old and not yet in kindergarten, by reported availability of good child care choices, amount of difficulty finding the type of child care wanted, and selected child and family characteristics (table 202.30b)
- Number of children under 6 years old and not yet in kindergarten whose families paid for child care, and their families’ average out-of-pocket expense, by type of child care arrangement and selected child and family characteristics (table 202.30c)
- Number and percentage distribution of teachers in public traditional and charter elementary and secondary schools, by instructional level and selected teacher and school characteristics (table 209.21)
- Number and percentage distribution of teachers in public elementary and secondary schools, by instructional level and selected teacher and school characteristics (table 209.22)
- Number and percentage distribution of teachers in public elementary and secondary schools, by race/ethnicity and selected teacher and school characteristics (*web-only table 209.23*)
- Number and percentage distribution of teachers in public elementary and secondary schools, by whether they entered teaching through an alternative route to certification program and selected teacher and school characteristics (table 209.24)

- Number and percentage of teachers who are military veterans, by control of school, sex, race/ethnicity, age group, region, and level of instruction (*web-only tables 209.27 and 209.27a*)
- Average National Assessment of Educational Progress (NAEP) reading scale score and percentage distribution of 4th- and 8th-graders in traditional public, public charter, and private schools, by selected characteristics (table 221.32)
- Average National Assessment of Educational Progress (NAEP) reading scale score and percentage distribution of 4th- and 8th-graders in traditional public, public charter, and Catholic schools, by selected characteristics (*web-only table 221.32a*)
- Average National Assessment of Educational Progress (NAEP) mathematics scale score and percentage distribution of 4th- and 8th-graders in traditional public, public charter, and private schools, by selected characteristics (table 222.32)
- Average National Assessment of Educational Progress (NAEP) mathematics scale score and percentage distribution of 4th- and 8th-graders in traditional public, public charter, and Catholic schools, by selected characteristics (*web-only table 222.32a*)
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# READER'S GUIDE

## Data Sources

The data in this edition of the *Digest of Education Statistics* were obtained from many different sources—including students and teachers, state education agencies, local elementary and secondary schools, and colleges and universities—using surveys and compilations of administrative records. Users should be cautious when comparing data from different sources. Differences in aspects such as procedures, timing, question phrasing, and interviewer training can affect the comparability of results across data sources.

Most of the tables present data from surveys conducted by the National Center for Education Statistics (NCES) or conducted by other agencies and organizations with support from NCES. Some tables also include other data published by federal and state agencies, private research organizations, or professional organizations. Totals reported in the *Digest* are for the 50 states and the District of Columbia unless otherwise noted. Brief descriptions of the surveys and other data sources used in this volume can be found in Appendix A: Guide to Sources. For each NCES and non-NCES data source, the Guide to Sources also provides information on where to obtain further details about that source.

Data are obtained primarily from two types of surveys: universe surveys and sample surveys. In universe surveys, information is collected from every member of the population. For example, in a survey regarding certain expenditures of public elementary and secondary schools, data would be obtained from each school district in the United States. When data from an entire population are available, estimates of the total population or a subpopulation are made by simply summing the units in the population or subpopulation. As a result, there is no sampling error, and observed differences are reported as true.

Since universe surveys are often expensive and time consuming, many surveys collect data from a sample of the population of interest (sample surveys). For example, the National Assessment of Educational Progress (NAEP) assesses a representative sample of students rather than the entire population of students. When a sample survey is used, statistical uncertainty is introduced, because the data come from only a portion of the entire population. This statistical uncertainty must be considered when reporting estimates and making comparisons. For information about how NCES accounts for statistical uncertainty when reporting sample survey results, see “Data Analysis and Interpretation,” later in this Reader’s Guide.

## Common Measures and Indexes

Various types of statistics derived from universe and sample surveys are reported. Many tables report the size of a population or a subpopulation, and often the size of a subpopulation is expressed as a percentage of the total population.

In addition, the average (or *mean*) value of some characteristic of the population or subpopulation may be reported. The average is obtained by summing the values for all members of the population and dividing the sum by the size of the population. An example is the average annual salary of full-time instructional faculty at degree-granting postsecondary institutions. Another measure that is sometimes used is the *median*. The median is the midpoint value of a characteristic at or above which 50 percent of the population is estimated to fall, and at or below which 50 percent of the population is estimated to fall. An example is the median annual earnings of young adults who are full-time year-round workers. Some tables also present an *average per capita*, or per person, which represents an average computed for every person in a specified group or population. It is derived by dividing the total for an item (such as income or expenditures) by the number of persons in the specified population. An example is the per capita expenditure on education in each state.

Many tables report financial data in dollar amounts. Unless otherwise noted, all financial data are in *current dollars*, meaning not adjusted for changes in the purchasing power of the dollar over time due to inflation. For example, 1996–97 teacher salaries in current dollars are the amounts that the teachers earned in 1996–97, without any adjustments to account for inflation. *Constant dollar* adjustments attempt to remove the effects of price changes (inflation) from statistical series reported in dollars. For example, if teacher salaries over a 20-year period are adjusted to constant 2016–17 dollars, the salaries for all years are adjusted to the dollar values that presumably would exist if prices in each year were the same as in 2016–17 (in other words, as if the dollar had constant purchasing power over the entire period). Any changes in the constant dollar amounts would reflect only changes in real values. Constant dollar amounts are computed using *price indexes*. Price indexes for inflation adjustments can be found in table 106.70. Each table that presents constant dollars includes a note indicating which index was used for the inflation adjustments; in most cases, the Consumer Price Index was used.

When presenting data for a time series, some tables include both *actual* and *projected* data. Actual data are data that have already been collected. Projected data can be used when data for a recent or future year are not yet available. Projections are estimates that are based on recent trends in relevant statistics and patterns associated with correlated variables. Unless otherwise noted, all data in this volume are actual.

## Standard Errors

Using estimates calculated from data based on a sample of the population requires consideration of several factors before the estimates become meaningful. When using data from a sample, some margin of error will always be present in estimations of characteristics of the total population or subpopulation because the data are available from only a portion of the total population. Consequently, data from samples can provide only an approximation of the true or actual value. The margin of error of an estimate, or the range of potential true or actual values, depends on several factors such as the amount of variation in the responses, the size and representativeness of the sample, and the size of the subgroup for which the estimate is computed. The magnitude of this margin of error is measured by what statisticians call the *standard error* of an estimate.

When data from sample surveys are reported, the standard error is calculated for each estimate. In the tables, the standard error for each estimate generally appears in parentheses next to the estimate to which it applies. In order to caution the reader when interpreting findings, estimates from sample surveys are flagged with a “!” when the standard error is between 30 and 50 percent of the estimate, and suppressed with a “‡” when the standard error is 50 percent of the estimate or greater. The term *coefficient of variation* (CV) refers to the ratio of the standard error to the estimate; for example, if an estimate has a CV of 30 percent, this means that the standard error is equal to 30 percent of the value of the estimate.

## Nonsampling Errors

In addition to standard errors, which apply only to sample surveys, all surveys are subject to nonsampling errors. Nonsampling errors may arise when individual respondents or interviewers interpret questions differently; when respondents must estimate values, or when coders, keyers, and other processors handle answers differently; when people who should be included in the universe are not; or when people fail to respond, either totally or partially. Total nonresponse means that people do not respond to the survey at all, while partial nonresponse (or item nonresponse) means that people fail to respond to specific survey items. To compensate for nonresponse, adjustments are often made. For universe surveys, an adjustment made for either type of nonresponse, total or partial, is often referred to as an imputation, which is often a substitution of the “average”

questionnaire response for the nonresponse. For universe surveys, imputations are usually made separately within various groups of sample members that have similar survey characteristics. For sample surveys, total nonresponse is handled through nonresponse adjustments to the sample weights. For sample surveys, imputation for item nonresponse is usually made by substituting for a missing item the response to that item of a respondent having characteristics that are similar to those of the nonrespondent. For additional general information about imputations, see the *NCES Statistical Standards* (NCES 2014-097). Appendix A: Guide to Sources includes some information about specific surveys’ response rates, nonresponse adjustments, and other efforts to reduce nonsampling error. Although the magnitude of nonsampling error is frequently unknown, idiosyncrasies that have been identified are noted in the appropriate tables.

## Data Analysis and Interpretation

When estimates are from a sample, caution is warranted when drawing conclusions about one estimate in comparison to another or about whether a time series of estimates is increasing, decreasing, or staying the same. Although one estimate may appear to be larger than another, a statistical test may find that the apparent difference between them is not reliably measurable due to the uncertainty around the estimates. In this case, the estimates will be described as having “no measurable difference,” meaning that the difference between them is not statistically significant.

Whether differences in means or percentages are statistically significant can be determined using the standard errors of the estimates. In reports produced by NCES, when differences are statistically significant, the probability that the difference occurred by chance is less than 5 percent, according to NCES standards.

Data presented in the text do not investigate more complex hypotheses, account for interrelationships among variables, or support causal inferences. We encourage readers who are interested in more complex questions and in-depth analysis to explore other NCES resources, including publications, online data tools, and public- and restricted-use datasets at <https://nces.ed.gov>.

In text that reports estimates based on samples, differences between estimates (including increases and decreases) are stated only when they are statistically significant. To determine whether differences reported are statistically significant, two-tailed *t* tests at the .05 level are typically used. The *t* test formula for determining statistical significance is adjusted when the samples being compared are dependent. The *t* test formula is not adjusted for multiple comparisons, with the exception of statistical tests conducted using the NAEP Data Explorer (<http://nces.ed.gov/nationsreportcard/naepdata/>). When the variables to be tested are postulated to form a trend, the relationship may be tested using linear regression, logistic regression, or ANOVA trend analysis instead of a series of *t* tests. These alternate methods of analysis test for specific relationships (e.g., linear, quadratic,

or cubic) among variables. For more information on data analysis, please see the NCES Statistical Standards, Standard 5-1, available at <https://nces.ed.gov/statprog/2012/pdf/Chapter5.pdf>.

A number of considerations influence the ultimate selection of the data years to include in the tables and to feature in the text. To make analyses as timely as possible, the latest year of available data is shown. The choice of comparison years is often also based on the need to show the earliest available survey year, as in the case of NAEP and the international assessment surveys. The text typically compares the most current year's data with those from the initial year and then with those from a more recent year. In the case of surveys with long time frames, such as surveys measuring enrollment, changes over the course of a decade may be noted in the text. Where applicable, the text may also note years in which the data begin to diverge from previous trends. In figures and tables, intervening years are selected in increments in order to show the general trend.

## Rounding and Other Considerations

All calculations are based on unrounded estimates. Therefore, the reader may find that a calculation, such as a difference or a percentage change, cited in the text or a figure may not be identical to the calculation obtained by using the rounded values shown in the accompanying tables. Although values reported in the tables are generally rounded to one decimal place (e.g., 76.5 percent), values reported in the text are generally rounded to whole numbers (with any value of 0.50 or above rounded to the next highest whole number). Due to rounding, cumulative percentages may sometimes equal 99 or 101 percent rather than 100 percent.

## Race and Ethnicity

The Office of Management and Budget (OMB) is responsible for the standards that govern the categories used to collect and present federal data on race and ethnicity. The OMB revised the guidelines on racial/ethnic categories used by the federal government in October 1997, with a January 2003 deadline for implementation. The revised standards require a minimum of these five categories for data on race: American Indian or Alaska Native, Asian, Black or African American, Native Hawaiian or Other Pacific Islander, and White. The standards also require the collection of data on the ethnicity categories Hispanic or Latino and Not Hispanic or Latino. It is important to note that Hispanic origin is an ethnicity rather than a race, and therefore persons of Hispanic origin may be of any race. Origin can be viewed as the heritage, nationality group, lineage, or country of birth of the person or the person's parents or ancestors before their arrival in the United States. The race categories White, Black, Asian, Native Hawaiian or Other Pacific Islander, and American Indian or Alaska Native exclude persons of Hispanic origin unless otherwise noted.

For a description of each racial/ethnic category, please see the "Racial/ethnic group" entry in Appendix B: Definitions. Some of the category labels are shortened for more concise presentation in text, tables, and figures. American Indian or Alaska Native is denoted as American Indian/Alaska Native (except when separate estimates are available for American Indians alone or Alaska Natives alone); Black or African American is shortened to Black; and Hispanic or Latino is shortened to Hispanic. When discussed separately from Asian estimates, Native Hawaiian or Other Pacific Islander is shortened to Pacific Islander.

Many of the data sources used for this volume are federal surveys that collect data using the OMB standards for racial/ethnic classification described above; however, some sources have not fully adopted the standards, and some tables include historical data collected prior to the adoption of the OMB standards. Asians and Pacific Islanders are combined into a single category for years in which the data were not collected separately for the two groups. The combined category can sometimes mask significant differences between the two subgroups. For example, prior to 2011, NAEP collected data that did not allow for separate reporting of estimates for Asians and Pacific Islanders. The population counts presented in table 101.20, based on the U.S. Census Bureau's Current Population Reports, indicate that 96 percent of all Asian/Pacific Islander 5- to 17-year-olds were Asian in 2010. Thus, the combined category for Asians/Pacific Islanders is more representative of Asians than of Pacific Islanders.

Some surveys give respondents the option of selecting more than one race category, an "other" race category, or a "Two or more races" or "more than one race" category. Where possible, tables present data on the "Two or more races" category; however, in some cases this category may not be separately shown because the information was not collected or due to other data issues. Some tables include the "other" category. Any comparisons made between persons of one racial/ethnic group and persons of "all other racial/ethnic groups" include only the racial/ethnic groups shown in the reference table. In some surveys, respondents are not given the option to select more than one race category and also are not given an option such as "other" or "more than one race." In these surveys, respondents of Two or more races must select a single race category. Any comparisons between data from surveys that give the option to select more than one race and surveys that do not offer such an option should take into account the fact that there is a potential for bias if members of one racial group are more likely than members of the others to identify themselves as "Two or more races."<sup>1</sup> For postsecondary data, foreign students are counted separately and are therefore not included in any racial/ethnic category.

<sup>1</sup> For discussion of such bias in responses to the 2000 Census, see Parker, J. et al. (2004). Bridging Between Two Standards for Collecting Information on Race and Ethnicity: An Application to Census 2000 and Vital Rates. *Public Health Reports*, 119(2): 192–205. Available at <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC1497618/>.

In addition to the major racial/ethnic categories, several tables include Hispanic ancestry subgroups (such as Mexican, Puerto Rican, Cuban, Dominican, Salvadoran, Other Central American, and South American) and Asian ancestry subgroups (such as Asian Indian, Chinese, Filipino, Japanese, Korean, and Vietnamese). In addition, selected tables include “Two or more races” subgroups (such as White and Black, White and Asian, and White and American Indian/Alaska Native).

## Limitations of the Data

Due to large standard errors, some differences that seem substantial are not statistically significant and, therefore, are not cited in the text. This situation often applies to estimates involving American Indians/Alaska Natives and Pacific Islanders. The relatively small sizes of these populations pose many measurement difficulties when conducting statistical analysis. Even in larger surveys, the numbers of American Indians/Alaska Natives and Pacific Islanders included in a sample are often small. Researchers studying data on these two populations often face small sample sizes that increase the size of standard errors and reduce the reliability of results. Readers should keep these limitations in mind when comparing estimates presented in the tables.

As mentioned, caution should be exercised when comparing data from different sources. Differences in sampling, data collection procedures, coverage of target population, timing, phrasing of questions, scope of nonresponse, interviewer training, and data processing and coding mean that results from different sources may not be strictly comparable. For example, the racial/ethnic categories presented to a respondent, and the way in which the question is asked, can influence the response, especially for individuals who consider themselves of more than one race or ethnicity. In addition, data on American Indians/Alaska Natives are often subject to inaccuracies that can result from respondents self-identifying their race/ethnicity. Research on the collection of race/ethnicity data suggests that the categorization of American Indian and Alaska Native is the least stable self-identification (for example, the same individual may identify as American Indian when responding to one survey, but may not do so on a subsequent survey).<sup>2</sup>

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<sup>2</sup> See U.S. Department of Labor, Bureau of Labor Statistics (1995). *A Test of Methods for Collecting Racial and Ethnic Information* (USDLE 95-428). Washington DC: Author. Available at [https://www.bls.gov/news.release/history/ethnic\\_102795.txt](https://www.bls.gov/news.release/history/ethnic_102795.txt).

# INTRODUCTION

The Introduction provides a brief overview of current trends in American education, highlighting key data that are presented in more detail later in this volume. Topics outlined include the participation of students, teachers, and faculty in U.S. educational institutions; the performance of U.S. elementary/secondary students overall and in comparison to students in other countries; the numbers of high school graduates and postsecondary degrees; and the amounts of expenditures on education at the elementary/secondary and postsecondary levels.

In fall 2017, about 76.4 million people were enrolled in American schools and colleges (table 105.10). About 4.6 million people were employed as elementary and secondary school teachers or as college faculty, in full-time equivalents (FTE). Other professional, administrative, and support staff at educational institutions totaled 5.5 million FTE employees. All data for 2017 in this Introduction are projected, except for data on educational attainment. Some data for other years are projected or estimated as noted. In discussions of historical trends, different time periods and specific years are cited, depending on the timing of important changes as well as the availability of relevant data.

## Elementary/Secondary Education

### Enrollment

A pattern of annual increases in total public elementary and secondary school enrollment began in 1985, but enrollment remained at 49.3 million between 2006 and 2008, before beginning to increase again (table 105.30). Overall, public school enrollment rose 28 percent, from 39.4 million to 50.6 million, between 1985 and 2017. Private school enrollment fluctuated during this period, with the fall 2017 enrollment of 5.9 million being 6 percent higher than the fall 1985 enrollment of 5.6 million. About 10 percent of elementary and secondary school students were enrolled in private schools in 2017, reflecting a decrease from 12 percent in 1985.

In public schools between 1985 and 2017, there was a 32 percent increase in elementary enrollment (prekindergarten through grade 8), compared with a 22 percent increase in secondary enrollment (grades 9 through 12) (table 105.30). Part of the higher growth in public elementary school enrollment resulted from the expansion of prekindergarten enrollment (table 203.10). Between fall 1985 and fall 2017, enrollment in prekindergarten increased 822 percent, while

enrollment in other elementary grades (including kindergarten through grade 8 and ungraded elementary programs) increased 27 percent. The number of children enrolled in prekindergarten increased from 0.2 million in 1985 to 1.4 million in 2017, and the number enrolled in other elementary grades increased from 26.9 million to 34.2 million. Public secondary school enrollment declined 8 percent from 1985 to 1990, but then increased 33 percent from 1990 to 2007; however, secondary school enrollment in 2017 was less than 1 percent higher than in 2007 (table 105.30). Between 1990 and 2017, the public secondary school enrollment increased 33 percent, compared with a 19 percent increase in public elementary school enrollment. Over the most recent 10-year period (between 2007 and 2017), public school enrollment rose 3 percent. Elementary school enrollment increased 4 percent between 2007 and 2017, while secondary school enrollment was less than 1 percent higher in 2017 than in 2007.

Since the enrollment rates of 5- and 6-year-olds, 7- to 13-year-olds, and 14- to 17-year-olds changed by fewer than 5 percentage points from 1985 to 2016, overall increases in public school enrollment primarily reflect increases in the number of children in the population in these age groups (tables 101.10 and 103.20). For example, the enrollment rate of 7- to 13-year-olds decreased from 99 to 98 percent between 1985 and 2016, but the number of 7- to 13-year-olds increased 26 percent. Similarly, increases in public school enrollments are more reflective of the 13 percent increase in the 14- to 17-year-old population between 1985 and 2016 than the increase in their enrollment rate, which was about 95 percent in both years. The enrollment rate of 3- and 4-year-old children increased from 39 percent in 1985 to 54 percent in 2016, which contributed to the overall enrollment increase. Also, the number of children in this age group was higher in 2016 (8.0 million) than in 1985 (7.1 million).

The National Center for Education Statistics (NCES) projects record levels of total public elementary and secondary school enrollment from 2017 (50.6 million) through at least 2027 (52.1 million) (table 105.30). The total public school enrollment projected for fall 2017 is a record-high number, and new records are expected every year through 2027, the last year for which NCES enrollment projections have been developed. Public elementary school enrollment is projected to increase by 3 percent between 2017 and 2027, while public secondary school enrollment is expected to increase by 2 percent during this period. Overall, total public school enrollment is expected to increase 3 percent between 2017 and 2027.

## Teachers

About 3.6 million full-time-equivalent (FTE) elementary and secondary school teachers were engaged in classroom instruction in fall 2017 (table 105.40). This number was 1 percent lower than in fall 2007. The 2017 number of FTE teachers includes 3.2 million public school teachers and 0.5 million private school teachers.

Public school enrollment was 3 percent higher in 2017 than in 2007, while the number of public school teachers was 1 percent lower (table 208.20). In fall 2017, the number of public school pupils per teacher was 16.1, which was higher than the 2007 ratio of 15.4.

The average salary for public school teachers in 2016–17 was \$58,950 in current dollars (i.e., dollars that are not adjusted for inflation) (table 211.50). In constant (i.e., inflation-adjusted) dollars, the average teacher salary was 2 percent lower in 2016–17 than in 1990–91.

## Student Performance

### National Comparisons

Most of the student performance data in the *Digest* are drawn from the National Assessment of Educational Progress (NAEP). The NAEP assessments have been conducted using three basic designs: the national main NAEP, state NAEP, and long-term trend NAEP. The national main NAEP and state NAEP provide current information about student performance in subjects including reading, mathematics, science, and writing, while long-term trend NAEP provides information on performance since the early 1970s in reading and mathematics only. Results from long-term trend NAEP are included in the discussion in chapter 2 of the *Digest*, while the information in this Introduction includes only selected results from the national main and state NAEP. Readers should keep in mind that comparisons of NAEP scores in the text (like all comparisons of estimates in the *Digest*) are based on statistical testing of unrounded values.

The main NAEP reports current information for the nation and specific geographic regions of the country. The assessment program includes students drawn from both public and private schools and reports results for student achievement at grades 4, 8, and 12. The main NAEP assessments follow the frameworks developed by the National Assessment Governing Board and use the latest advances in assessment methodology. The state NAEP is identical in content to the national main NAEP, but the state NAEP reports information only for public school students. Chapter 2 presents more information on the NAEP designs and methodology, and additional details appear in Appendix A: Guide to Sources.

### NAEP Reading

The main NAEP reading assessment data are reported on a scale of 0 to 500. In 2017, the average reading score for 4th-grade students (222) was not measurably different from

the 2015 score but was higher than the 1992 score (217) (table 221.10). At grade 4, the 2017 scores for White (232), Black (206), Hispanic (209), and Asian/Pacific Islander (239) students were not measurably different from the scores in 2015, but the score for each group was higher than in 1992 (224, 192, 197, and 216, respectively). In 2017, the average score for American Indian/Alaska Native 4th-graders (202) was not measurably different from the scores in 2015 and 1994 (1994 was the first year data were available for 4th-grade American Indian/Alaska Native students). For 8th-grade students, the score in 2017 (267) was higher than in 2015 (265) or 1992 (260). At grade 8, the 2017 scores for White (275), Black (249), Hispanic (255), and Asian/Pacific Islander (282) students were not measurably different from the scores in 2015. Consistent with the findings at grade 4, the scores for White, Black, Hispanic, and Asian/Pacific Islander 8th-grade students were higher in 2017 than in 1992. In 2017, the score for 8th-grade American Indian/Alaska Native students (253) was not measurably different from the scores in 2015 and in 1994 (1994 was the first year data were available for 8th-grade American Indian/Alaska Native students). For 12th-grade students, the most recent scores available are from 2015. The score in 2015 (287) was not measurably different from the score in 2013, but it was lower than the score in 1992 (292). At grade 12, the 2015 scores for White (295), Hispanic (276), and Asian/Pacific Islander (297) students were not measurably different from the scores in 2013 and in 1992. For Black students, the 2015 score (266) was lower than the 1992 score (273), but it was not measurably different from the 2013 score.

From 1992 through 2017, the average reading scores for White 4th- and 8th-grade students were higher than those of their Black and Hispanic peers (table 221.10). Although the White-Black and White-Hispanic achievement gaps did not change measurably from 2015 to 2017 at either grade 4 or 8, some of the racial/ethnic achievement gaps have narrowed since 1992. At grade 4, the White-Black gap narrowed from 32 points in 1992 to 26 points in 2017; at grade 8, the White-Hispanic gap narrowed from 26 points in 1992 to 19 points in 2017.

### NAEP Mathematics

The main NAEP mathematics assessment data for 4th- and 8th-graders are reported on a scale of 0 to 500 (table 222.10). The average 4th-grade mathematics score in 2017 (240) was not measurably different from the score in 2015, but it was higher than the score in 1990 (213). At grade 4, the scores in 2017 for White (248), Black (223), Hispanic (229), and Asian/Pacific Islander (258) students were not measurably different from the 2015 scores, but the score for each group was higher than in 1990 (220, 188, 200, and 225, respectively). The 2017 score for 4th-grade American Indian/Alaska Native students (227) was not measurably different from the scores in 2015 and in 1996 (1996 was the first year data were available for 4th-grade American

Indian/Alaska Native students). The 8th-grade score in 2017 (283) was not measurably different from the score in 2015, but it was higher than the score in 1990 (263). At grade 8, the scores for White (293), Black (260), Hispanic (269), and Asian/Pacific Islander (310) students in 2017 were not measurably different from the scores in 2015, but the score for each group was higher than in 1990 (270, 237, 246, and 275, respectively). In 2017, the score for 8th-grade American Indian/Alaska Native students (267) was not measurably different from the scores in 2015 and in 2000 (2000 was the first year data were available for 8th-grade American Indian/Alaska Native students). Due to changes in the 12th-grade mathematics assessment framework, a new trend line started in 2005, with scores reported on a scale of 0 to 300. The 12th-grade score in 2015 (152) was lower than the score in 2013 (153) but not measurably different from the score in 2005, the first year the revised assessment was administered.

From 1990 through 2017, the average mathematics scores for White students in grades 4 and 8 were higher than those of their Black and Hispanic peers (table 222.10). Although the 4th-grade White-Black and White-Hispanic achievement gaps did not change measurably from 2015 to 2017, the White-Black achievement gap narrowed from 32 points in 1990 to 25 points in 2017. The 4th-grade White-Hispanic gap in 2017 (19 points) was not measurably different from the White-Hispanic gap in 1990. The 8th-grade White-Black gap (32 points) and White-Hispanic gap (24 points) in 2017 were not measurably different from the gaps in 2015 or in 1990.

### NAEP Science

NAEP has assessed the science abilities of students in grades 4, 8, and 12 in both public and private schools since 1996. As of 2009, however, NAEP science assessments are based on a new framework, so results from these assessments cannot be compared to results from earlier science assessments. Scores are based on a scale ranging from 0 to 300 (table 223.10). In 2015, the average 4th-grade science score (154) was higher than the score in 2009 (150). The 8th-grade score in 2015 (154) was higher than the scores in 2009 (150) and in 2011 (152). The 12th-grade score in 2015 (150) was not measurably different from the score in 2009. In addition, the 5-point gender gap between male and female 12th-graders in 2015 was not measurably different from the gap in 2009. While the scores for White 4th- and 8th-grade students remained higher than those of their Black and Hispanic peers in 2015, racial/ethnic achievement gaps in 2015 were smaller than in 2009. At grade 4, the White-Black achievement gap was 36 points in 2009 and 33 points in 2015, and the White-Hispanic achievement gap was 32 points in 2009 and 27 points in 2015. While the scores for White 12th-grade students remained higher than those of their Black and Hispanic peers in 2015, these racial/ethnic achievement gaps were not measurably different between 2009 and 2015.

## International Comparisons

### *Trends in International Mathematics and Science Study (TIMSS)*

The 2015 Trends in International Mathematics and Science Study (TIMSS) assessed students' mathematics and science performance at grades 4 and 8. Mathematics performance was assessed in 43 countries at grade 4 and in 34 countries at grade 8. Science performance was assessed in 42 countries at grade 4 and in 34 countries at grade 8. In addition, TIMSS Advanced data were collected by 9 countries from students in their final year of secondary school (grade 12 in the United States). At grades 4 and 8, several subnational entities also participated in TIMSS as separate education systems (e.g., Hong Kong and Chinese Taipei, the U.S. state of Florida, England and Northern Ireland within the United Kingdom). However, the following paragraphs include results only from countries, not from subnational entities. At all three grades, TIMSS scores are reported on a scale of 0 to 1,000, with a fixed scale centerpoint of 500.

In 2015, the average mathematics scores of U.S. 4th-graders (539) and 8th-graders (518) were higher than the TIMSS centerpoint of 500 (tables 602.20 and 602.30). At grade 4, the average U.S. mathematics score was higher than the average score in 30 of the 42 other countries participating at grade 4, lower than the average score in 6 countries, and not measurably different from the average score in the remaining 6 countries (table 602.20). The 6 countries that outperformed the United States in 4th-grade mathematics were Ireland, Japan, the Republic of Korea, Norway, the Russian Federation, and Singapore. At grade 8, the average U.S. mathematics score was higher than the average score in 21 of the 33 other participating countries, lower than the average score in 5 countries, and not measurably different from the average score in the remaining 7 countries (table 602.30). The 5 countries that outperformed the United States in eighth-grade mathematics were Canada, Japan, the Republic of Korea, the Russian Federation, and Singapore.

The average science scores of both U.S. 4th-graders (546) and U.S. 8th-graders (530) were higher than the TIMSS scale centerpoint of 500 in 2015 (tables 602.20 and 602.30). The average U.S. fourth-grade science score was higher than the average score in 30 of the 41 other countries participating in the science assessment at grade 4, lower than the average score in 5 countries, and not measurably different from the average score in the remaining 6 countries (table 602.20). The 5 countries that outperformed the United States in 4th-grade science were Finland, Japan, the Republic of Korea, the Russian Federation, and Singapore. At grade 8, the average U.S. science score was higher than the average score in 23 of the 33 other participating countries in 2015, lower than the average score in 5 countries, and not measurably different from the average score in the remaining 5 countries (table 602.30). The 5 countries that outperformed the United States in 8th-grade science were Japan, the Republic of Korea, the Russian Federation, Singapore, and Slovenia.

The TIMSS Advanced assessment measures the advanced mathematics and physics achievement of students in their final year of secondary school who are taking or have taken advanced courses (table 602.35). On TIMSS Advanced, the U.S. average advanced mathematics score (485) and physics score (437) in 2015 were lower than the TIMSS Advanced scale centerpoint of 500.

#### *Program for International Student Assessment (PISA)*

The Program for International Student Assessment (PISA), coordinated by the Organization for Economic Cooperation and Development (OECD), has measured the performance of 15-year-old students in reading, mathematics, and science literacy every 3 years since 2000. PISA assesses 15-year-old students' application of reading, mathematics, and science literacy to problems within a real-life context. In 2015, PISA assessed students in the 35 OECD countries as well as in a number of other education systems. Some subnational entities participated as separate education systems, including public school systems in the U.S. states of Massachusetts and North Carolina. Results for the participating U.S. states are included in the discussion in chapter 6, while this Introduction includes only results for the United States in comparison with other OECD countries. PISA scores are reported on a scale of 0 to 1,000. On the 2015 PISA assessment, U.S. 15-year-olds' average score in reading literacy was 497, which was not measurably different from the OECD average score of 493 (table 602.50). The average reading literacy score in the United States was lower than the average score in 11 of the 34 other OECD countries, higher than the average score in 13 OECD countries, and not measurably different from the average score in 10 OECD countries. In all countries, females outperformed males in reading literacy (table 602.40). The U.S. gender gap in reading (20 points) was not measurably different from the OECD average gap but was smaller than the gap in 12 other OECD countries.

In mathematics literacy, U.S. 15-year-olds' average score of 470 on the 2015 PISA assessment was lower than the OECD average score of 490 (table 602.60). The average mathematics literacy score in the United States was lower than the average score in 27 of the 34 other OECD countries, higher than the average score in 4 OECD countries, and not measurably different from the average score in 3 OECD countries. In 18 OECD countries, including the United States, males outperformed females in mathematics literacy (table 602.40). The U.S. gender gap in favor of males in mathematics (9 points) was not measurably different from the OECD average gap.

In science literacy, U.S. 15-year-olds' average score of 496 was not measurably different from the OECD average score of 493 (table 602.70). The average science literacy score in the United States was lower than the average score in 12 of the 34 other OECD countries, higher than the average score in 10 OECD countries, and not measurably different from the average score in 12 OECD countries. In 15 OECD

countries, including the United States, males outperformed females in science literacy. In 4 OECD countries, females outperformed males in science literacy. The U.S. gender gap in favor of males in science (7 points) was not measurably different from the OECD average gap.

#### *Progress in International Reading Literacy Study (PIRLS)*

The Progress in International Reading Literacy Study (PIRLS) measures the reading knowledge and skills of 4th-graders over time. PIRLS scores are reported on a scale from 0 to 1,000, with the scale centerpoint set at 500. On the 2016 PIRLS, U.S. 4th-graders had an average reading literacy score of 549 (table 602.10). The U.S. average score in 2016 was 7 points lower than in 2011 but 10 points higher than in 2006. In all 4 assessment years, the U.S. average score was higher than the PIRLS scale centerpoint. In 2016, PIRLS assessed 4th-grade reading literacy in 43 countries. The average reading literacy score of 4th-graders in the United States was higher than the average score in 24 of the 42 other participating countries, lower than the average score in 7 countries, and not measurably different from the average score in the remaining 11 countries.

#### **High School Graduates and Dropouts**

About 3,643,000 high school students are expected to graduate during the 2018–19 school year (table 219.10), including 3,285,000 public school graduates and 358,000 private school graduates. High school graduates include only recipients of diplomas, not recipients of equivalency credentials. The 2018–19 projection of high school graduates is slightly lower than the prior record high projection of 3,651,000 graduates for 2017–18, but it exceeds the baby boom era's high point in 1975–76, when 3,142,000 students earned diplomas. In 2015–16, about 84 percent of public high school students graduated with a regular diploma within 4 years of first starting 9th grade (table 219.46). This rate is known as the 4-year adjusted cohort graduation rate (ACGR).

The number of GED credentials issued by states to GED test passers rose from 330,000 in 1977 to 487,000 in 2000 (table 219.60). A record number of 648,000 GED credentials were issued in 2001. In 2002, there were revisions to the GED test and to the data reporting procedures. In 2001, test takers were required to successfully complete all five components of the GED or else begin the five-part series again with the new test that was introduced in 2002. Prior to 2002, reporting was based on summary data from the states on the number of GED credentials issued. As of 2002, reporting has been based on individual GED candidate- and test-level records collected by the GED Testing Service.<sup>1</sup> In 2013, some 541,000 people passed the GED tests, up from 387,000 in 2003.

<sup>1</sup> Information on changes in GED test series and reporting is based on the 2003 edition of *Who Passed the GED Tests?*, by the GED Testing Service of the American Council on Education, as well as communication with staff of the GED Testing Service.

The status dropout rate has decreased over the past two decades (table 219.70). The status dropout rate is the percentage of the civilian noninstitutionalized 16- to 24-year-old population who are not enrolled in school and who have not completed a high school program, regardless of when they left school. (People who left school but went on to receive a GED credential are not treated as dropouts.) Between 1990 and 2016, the status dropout rate declined from 12.1 to 6.1 percent. During this period, the status dropout rate for Black 16- to 24-year-olds declined from 13.2 percent to 6.2 percent and the rate for Hispanic 16- to 24-year-olds declined from 32.4 to 8.6 percent. In 2016, the status dropout rate for White 16- to 24-year-olds (5.2 percent) was lower than the rate for Hispanic 16- to 24-year-olds, but it was not measurably different from the rate for Black 16- to 24-year-olds.

## Postsecondary Education

### *Enrollment in Degree-Granting Institutions*

College enrollment was 19.8 million in fall 2016, reflecting a 6 percent decrease from the record enrollment of 21.0 million in fall 2010 (table 105.30). College enrollment is expected to remain below the record set in 2010 through fall 2027, the last year for which NCES enrollment projections have been developed. Between fall 2016 and fall 2027, enrollment is expected to increase 3 percent. Despite decreases in the size of the traditional college-age population (18 to 24 years old) during the late 1980s and early 1990s, total enrollment increased during this period (tables 101.10 and 105.30). The traditional college-age population rose 4 percent between 2006 and 2016, and total college enrollment was 12 percent higher in 2016 than in 2006. The number of full-time students was 11 percent higher in 2016 than in 2006, and the number of part-time students was 13 percent higher (table 303.10). During the same time period, the number of male students enrolled increased 14 percent. The number of female students was 10 percent higher in 2016 than in 2006.

### *Faculty*

In fall 2016, degree-granting institutions—defined as postsecondary institutions that grant an associate’s or higher degree and are eligible for Title IV federal financial aid programs—employed 1.5 million faculty members, including 0.8 million full-time and 0.7 million part-time faculty (table 314.30). In addition, degree-granting institutions employed 0.4 million graduate assistants.

### *Degrees*

During the 2017–18 academic year, postsecondary degrees conferred were projected to number 1,029,000 associate’s degrees, 1,875,000 bachelor’s degrees, 775,000

master’s degrees, and 181,000 doctor’s degrees (table 318.10). The doctor’s degree total includes most degrees formerly classified as first-professional, such as M.D.’s, D.D.S.’s, and law degrees. Between 2005–06 and 2015–16 (the last year of actual data), the number of degrees conferred increased at all levels. The number of associate’s degrees was 41 percent higher in 2015–16 than in 2005–06, the number of bachelor’s degrees was 29 percent higher, the number of master’s degrees was 31 percent higher, and the number of doctor’s degrees was 29 percent higher.

Between 2005–06 and 2015–16, the number of bachelor’s degrees awarded to male students increased 30 percent, while the number of bachelor’s degrees awarded to female students increased 29 percent (table 318.10). Female students earned 57 percent of all bachelor’s degrees in 2015–16, which was slightly lower than the percentage in 2005–06 (58 percent). Between 2005–06 and 2015–16, the number of bachelor’s degrees awarded to White students increased 11 percent, compared with larger increases of 37 percent for Black students, 118 percent for Hispanic students, and 35 percent for Asian/Pacific Islander students (table 322.20). The number of bachelor’s degrees awarded to American Indian/Alaska Native students was 11 percent lower in 2015–16 than in 2005–06. In 2015–16, White students earned 65 percent of all bachelor’s degrees (compared with 75 percent in 2005–06), Black students earned 11 percent (compared with 10 percent in 2005–06), Hispanic students earned 13 percent (compared with 7 percent in 2005–06), and Asian/Pacific Islander students earned about 8 percent (compared with 7 percent in 2005–06). American Indian/Alaska Native students earned less than 1 percent of the degrees in both years. In 2015–16, students of Two or more races earned 3 percent of all bachelor’s degrees.

### *Undergraduate Prices*

For the 2016–17 academic year, average annual prices for undergraduate tuition, fees, room, and board were estimated to be \$17,237 at public institutions, \$44,551 at private nonprofit institutions, and \$25,431 at private for-profit institutions in current dollars (table 330.10). Between 2006–07 and 2016–17, prices for undergraduate tuition, fees, room, and board at public institutions rose 31 percent, and prices at private nonprofit institutions rose 24 percent, after adjustment for inflation. Prices for total tuition, fees, room, and board at private for-profit institutions decreased 11 percent between 2006–07 and 2016–17.

## Educational Attainment

The U.S. Census Bureau collects annual statistics on the educational attainment of the population. Between 2007 and 2017, the percentage of the adult population 25 years of age and over who had completed at least high school rose from 86 percent to 90 percent, and the percentage of adults with a bachelor’s or higher degree increased from 29 percent to

34 percent (table 104.10). (High school completers include those people who graduated from high school with a diploma as well as those who completed high school through equivalency programs.) Among those age 25 and over who were employed, 40 percent had a bachelor's or higher degree in 2017 and about half (51 percent) had an associate's or higher degree (table 502.10). The percentage of young adults (25- to 29-year-olds) who had completed at least high school increased from 87 percent in 2007 to 92 percent in 2017 (table 104.20). The percentage of young adults who had completed a bachelor's or higher degree increased from 30 percent in 2007 to 36 percent in 2017. During this same period, the percentage of 25- to 29-year-olds who had completed a master's or higher degree increased from 6 to 9 percent.

## Adult Literacy and Numeracy Skills

The Program for the International Assessment of Adult Competencies (PIAAC) assesses the cognitive skills of adults in three areas—literacy, numeracy, and problem solving in technology-rich environments—that are considered key to facilitating the social and economic participation of adults in advanced economies. The discussion below focuses on the areas of literacy and numeracy. PIAAC 2012 results are available for adults in 24 education systems, including 22 OECD education systems. The education systems that participated in the 2012 assessment were primarily countries, but also included 3 subnational education systems: Northern Ireland and England within the United Kingdom, and the Flemish community in Belgium. PIAAC literacy and numeracy scores are reported on a scale of 0 to 500.

In 2012, average scores on the PIAAC literacy scale for adults ages 25 to 65 ranged from 249 in Italy and 250 in Spain to 296 in Japan (table 604.10). U.S. 25- to 65-year-olds had an average PIAAC literacy score of 269, which was not measurably different from the OECD average score of 271. Across education systems, adults' average literacy scores generally increased with higher levels of educational attainment. In the United States, for example, 25- to 65-year-olds whose highest level of attainment was high school completion had an average literacy score of 259,

compared with an average score of 302 for those who had a bachelor's or higher degree. The average literacy score for U.S. high school completers in the 25- to 65-year-old age group was lower than the OECD average score of 268 for high school completers in this age group, while the literacy score for U.S. 25- to 65-year-olds with a bachelor's or higher degree was not measurably different from the OECD average score of 302 for those with a bachelor's or higher degree.

On the PIAAC numeracy scale, 2012 average scores for adults ages 25 to 65 ranged from 245 in Spain and 246 in Italy to 289 in Japan. U.S. 25- to 65-year-olds had an average PIAAC numeracy score of 254, which was lower than the OECD average score of 268. Across education systems, adults' average numeracy scores generally increased with higher levels of educational attainment. In the United States, for example, 25- to 65-year-olds whose highest level of attainment was high school completion had an average numeracy score of 241, compared with an average score of 293 for those who had a bachelor's or higher degree. The average numeracy score for U.S. 25- to 65-year-olds who had completed only high school was lower than the OECD average score of 265 for those with the same level of educational attainment. Likewise, the average numeracy score for U.S. 25- to 65-year-olds with a bachelor's or higher degree was lower than the OECD average score of 303 for those with a bachelor's or higher degree.

## Education Expenditures

U.S. expenditures for public and private education, from prekindergarten through graduate school (excluding postsecondary schools not awarding associate's or higher degrees), were an estimated \$1.3 trillion for 2016–17 (table 106.10). Expenditures of elementary and secondary schools totaled an estimated \$759 billion, while those of degree-granting postsecondary institutions totaled an estimated \$583 billion. Total expenditures for education were an estimated 7.2 percent of the gross domestic product in 2016–17. Education spending as a percentage of GDP peaked at 7.6 percent in 2009–10 but declined between 2009–10 and 2015–16 (7.1 percent).

## CHAPTER 1

# All Levels of Education

This chapter provides a broad overview of education in the United States. It brings together material from preprimary, elementary, secondary, and postsecondary education, as well as from the general population, to present a composite picture of the American education system. Tables feature data on the total number of people enrolled in school, the number of teachers, the number of schools, and the total expenditures for education at all levels. This chapter also includes statistics on education-related topics such as educational attainment, family characteristics, and population. Economic indicators and price indexes have been added to facilitate analyses.

Many of the statistics in this chapter are derived from the statistical activities of the National Center for Education Statistics (NCES). In addition, substantial contributions have been drawn from the work of other groups, both governmental and nongovernmental, as shown in the source notes of the tables. Information on survey methodologies is contained in Appendix A: Guide to Sources and in the publications cited in the table source notes.

## The U.S. System of Education

The U.S. system of education can be described as having three levels of formal education: elementary, secondary, and postsecondary (figure 1). Students may spend 1 to 3 years in preprimary programs (prekindergarten [PK] and kindergarten [K]), which may be offered either in separate schools or in elementary schools that also offer higher grades. (In *Digest of Education Statistics* tables, prekindergarten and kindergarten are generally defined as a part of elementary education.) Following kindergarten, students ordinarily spend 6 to 8 years in elementary school. The elementary school program is followed by a 4- to 6-year program in secondary school. Students typically complete the entire program through grade 12 by age 18. Education at the elementary and secondary levels is provided in a range of institutional settings—including elementary schools (preprimary schools, middle schools, and schools offering broader ranges of elementary grades); secondary schools (junior high schools, high schools, and senior high schools); and combined elementary/secondary schools—that vary in structure from locality to locality.

High school graduates who decide to continue their education may enter a specialized career/technical institution, a 2-year community or junior college, or a 4-year college or

university. A 2-year college typically offers the first 2 years of a standard 4-year college curriculum and a selection of terminal career and technical education programs. Academic courses completed at a 2-year college are usually transferable for credit at a 4-year college or university. A career/technical institution offers postsecondary technical training programs of varying lengths leading to a specific career.

An associate's degree requires at least 2 years of postsecondary coursework, and a bachelor's degree typically requires 4 years of postsecondary coursework. At least 1 year of coursework beyond a bachelor's degree is necessary for a master's degree, while a doctor's degree usually requires a minimum of 3 or 4 years beyond a bachelor's degree.

Professional schools differ widely in admission requirements and program length. Medical students, for example, generally complete a bachelor's program of premedical studies at a college or university before they can enter the 4-year program at a medical school. Law programs typically involve 3 years of coursework beyond a bachelor's degree.

## Enrollment

Total enrollment in public and private elementary and secondary schools (prekindergarten through grade 12) grew rapidly during the 1950s and 1960s, reaching a peak year in 1971 (table A, table 105.30, and figure 2). This enrollment rise reflected what is known as the “baby boom,” a dramatic increase in births following World War II. Between 1971 and 1984, total elementary and secondary school enrollment decreased every year, reflecting the decline in the size of the school-age population over that period. After these years of decline, enrollment in elementary and secondary schools started increasing in fall 1985, began hitting new record levels in the mid-1990s, and continued to reach new record levels every year through 2006, after which enrollment declined slightly from its 2006 level. However, enrollments in fall 2013 (55.4 million) through fall 2015 (56.2 million) were higher than the fall 2006 record level of 55.3 million. A pattern of annual enrollment increases is projected to continue at least through fall 2027 (the last year for which NCES has projected school enrollment). Total elementary and secondary enrollment is projected to increase 3 percent between fall 2017 and fall 2027, when enrollment is expected to reach 58.2 million.

**Table A. Total elementary and secondary school enrollment, by overall trends: Selected years, 1949–50 through fall 2027**

Trend and year	Number of students (in millions)
<b>“Baby boom” increases</b>	
1949–50 school year .....	28.5
Fall 1959 .....	40.9
Fall 1969 .....	51.1
Fall 1971 (peak) .....	51.3
<b>13 years with annual declines</b>	
Fall 1972 (first year of decline) .....	50.7
Fall 1984 (final year of decline) .....	44.9
<b>Annual increases from 1985 to 2006</b>	
Fall 1985 .....	45.0
Fall 1996 (new record highs begin) .....	51.5
Fall 2006 (final year of record highs) .....	55.3
<b>Slight declines or stable enrollment</b>	
Fall 2007 .....	55.2
Fall 2010 .....	54.9
Fall 2012 .....	55.1
<b>Annual increases with new record highs</b>	
Fall 2013 .....	55.4
Fall 2014 .....	55.9
Fall 2015 .....	56.2
Fall 2016 (projected) .....	56.4
Fall 2017 (projected) .....	56.5
Fall 2027 (projected) .....	58.2

SOURCE: U.S. Department of Education, National Center for Education Statistics, *Biennial Survey of Education in the United States, 1949–50; Statistics of Public Elementary and Secondary School Systems, 1959 through 1972; Common Core of Data (CCD), 1984 through 2015; Private School Universe Survey (PSS), 1997–98 through 2015–16; and National Elementary and Secondary Enrollment Projection Model, 1972 through 2027.*

Between 1985 and 2016, the total public and private elementary and secondary school enrollment rate for 5- and 6-year-olds decreased from 96 to 93 percent, and the enrollment rate for 7- to 13-year-olds decreased from 99 to 98 percent (table 103.20). The enrollment rate for 14- to 17-year-olds for 2016 (95 percent) was not measurably different from the rate in 1985. Since these enrollment rates changed by less than 5 percentage points between 1985 and 2016, increases in elementary and secondary school enrollment primarily reflect the larger increases in the number of children in these age groups. Between 1985 and 2016, the number of 5- and 6-year-olds increased by 17 percent, the number of 7- to 13-year-olds increased by 26 percent, and the number of 14- to 17-year-olds increased by 13 percent (table 101.10). Increases in the enrollment rate of prekindergarten-age children (ages 3 and 4) from 39 percent in 1985 to 54 percent in 2016 (table 103.20) and in the number of 3- and 4-year-olds from 7.1 million to 8.0 million (table 101.10) also contributed to overall increases in prekindergarten through grade 12 enrollment.

Public school enrollment at the elementary level (prekindergarten through grade 8) rose from 29.9 million in fall 1990 to 34.2 million in fall 2003 (table 105.30). Public elementary enrollment was less than 1 percent lower in fall 2004 than in fall 2003 and then generally increased to a projected total of 35.6 million for fall 2017. Public elementary enrollment is projected to increase 3 percent between 2017 and 2027. Public school enrollment at the secondary level (grades 9 through 12) rose from 11.3 million in 1990 to 15.1 million in 2007 but then declined 2 percent to 14.7 million in 2011. Public secondary enrollment is projected to increase 2 percent between 2011

and 2017 and then show an additional increase of 2 percent between 2017 and 2027. Total public elementary and secondary enrollment is projected to increase every year from 2017 to 2027.

The percentage of students in private elementary and secondary schools declined from 11.0 percent in fall 2005 to 10.2 percent in fall 2015 (table 105.30). In fall 2017, an estimated 5.9 million students were enrolled in private schools at the elementary and secondary levels.

Total enrollment in public and private degree-granting postsecondary institutions reached 14.5 million in fall 1992 but decreased every year through fall 1995 (table 105.30). Total enrollment increased 47 percent between 1995 and 2010 (to 21.0 million) but declined 6 percent between 2010 and 2016 (to 19.8 million). Total enrollment is expected to increase 3 percent between fall 2016 and fall 2027, reaching 20.5 million. The percentage of students who attended private institutions in fall 2016 (27 percent) was higher than the percentage in 2006 (26 percent). In fall 2016, about 5.3 million students attended private institutions, with about 4.1 million in nonprofit institutions and 1.2 million in for-profit institutions (table 303.10). Enrollment changes in degree-granting postsecondary institutions have been driven by increases in enrollment rates, as well as by increases in the population of 20- to 24-year-olds. The percentage of 18- and 19-year-olds enrolled in degree-granting postsecondary institutions was higher in 2016 (50 percent) than in 2006 (46 percent). The number of 18- and 19-year-olds in 2016 was 1 percent lower than in 2006 (tables 101.10 and 103.20). The enrollment rate of 20- to 24-year-olds rose from 35 percent in 2006 to 39 percent in 2016, and the number of 20- to 24-year-olds rose by 6 percent during the same period.

## Educational Attainment

The percentages of people 25 years old and over completing high school and higher education have been rising. Between 2007 and 2017, the percentage of people 25 years old and over who had completed at least high school increased from 86 to 90 percent, and the percentage who had completed a bachelor’s or higher degree increased from 29 to 34 percent (table 104.10 and figure 3). In 2017, about 9 percent of people 25 years old and over held a master’s degree as their highest degree and 3 percent held a doctor’s or first-professional degree (table 104.30).

Among young adults (25- to 29-year-olds), the percentage who had completed at least high school increased from 87 percent in 2007 to 92 percent in 2017 (table 104.20 and figure 4). The percentage of young adults who had completed a bachelor’s or higher degree increased from 30 percent in 2007 to 36 percent in 2017. In 2017, about 7 percent of young adults held a master’s degree as their highest degree and 2 percent held a doctor’s or first-professional degree (table 104.30 and figure 5). Overall, the percentage of young adults who held a master’s or higher degree rose from 6 percent in 2007 to 9 percent in 2017.

Between 2007 and 2017, changes in the educational attainment of young adults also occurred by race/ethnicity. During this period, the percentages of Hispanic, White, and Black young adults who had completed at least high school increased, but there was no measurable change in the percentage of Asian young adults (table 104.20 and figure 6). The percentage of Hispanic young adults who had completed at least high school rose from 65 percent in 2007 to 83 percent in 2017, an increase of 18 percentage points. During the same period, the percentage of White young adults who had completed at least high school rose from 93 to 96 percent. Since the increase for White young adults was smaller than the increase for Hispanic young adults, the gap between the high school completion percentages for these two groups decreased from 28 percentage points in 2007 to 13 percentage points in 2017. Between 2007 and 2017, the percentage of Black young adults who had completed high school increased from 88 to 92 percent. The gap between the White and Black high school completion percentages in 2017 (3 percentage points) was not measurably different from the gap in 2007. In 2017, the percentage of young adults who had completed at least high school was higher for Whites and Asians (97 percent) than for Blacks, Hispanics, and American Indians/Alaska Natives (85 percent).

The percentage of bachelor's degree holders also varied among young adults of different racial/ethnic groups, with 63 percent of Asian young adults holding a bachelor's or higher degree in 2017, compared with young adults who were White (42 percent), Black (23 percent), Hispanic (19 percent), Pacific Islander (25 percent), American Indian/Alaska Native (16 percent), and of Two or more races (33 percent). Between 2007 and 2017, the percentages who had completed a bachelor's or higher degree increased for White and Hispanic young adults but showed no measurable change for Asian and Black young adults. During this 10-year period, the percentages who held a bachelor's or higher degree increased from 36 to 42 percent among White young adults, from 20 to 23 percent among Black young adults, and from 12 to 19 percent

among Hispanic young adults. With these increases for all three groups, the gap in bachelor's degree attainment percentages between White and Black young adults in 2017 (19 percentage points) was not measurably different from the gap in 2007. Also, the gap between White and Hispanic young adults in 2017 (24 percentage points) was not measurably different from the gap in 2007.

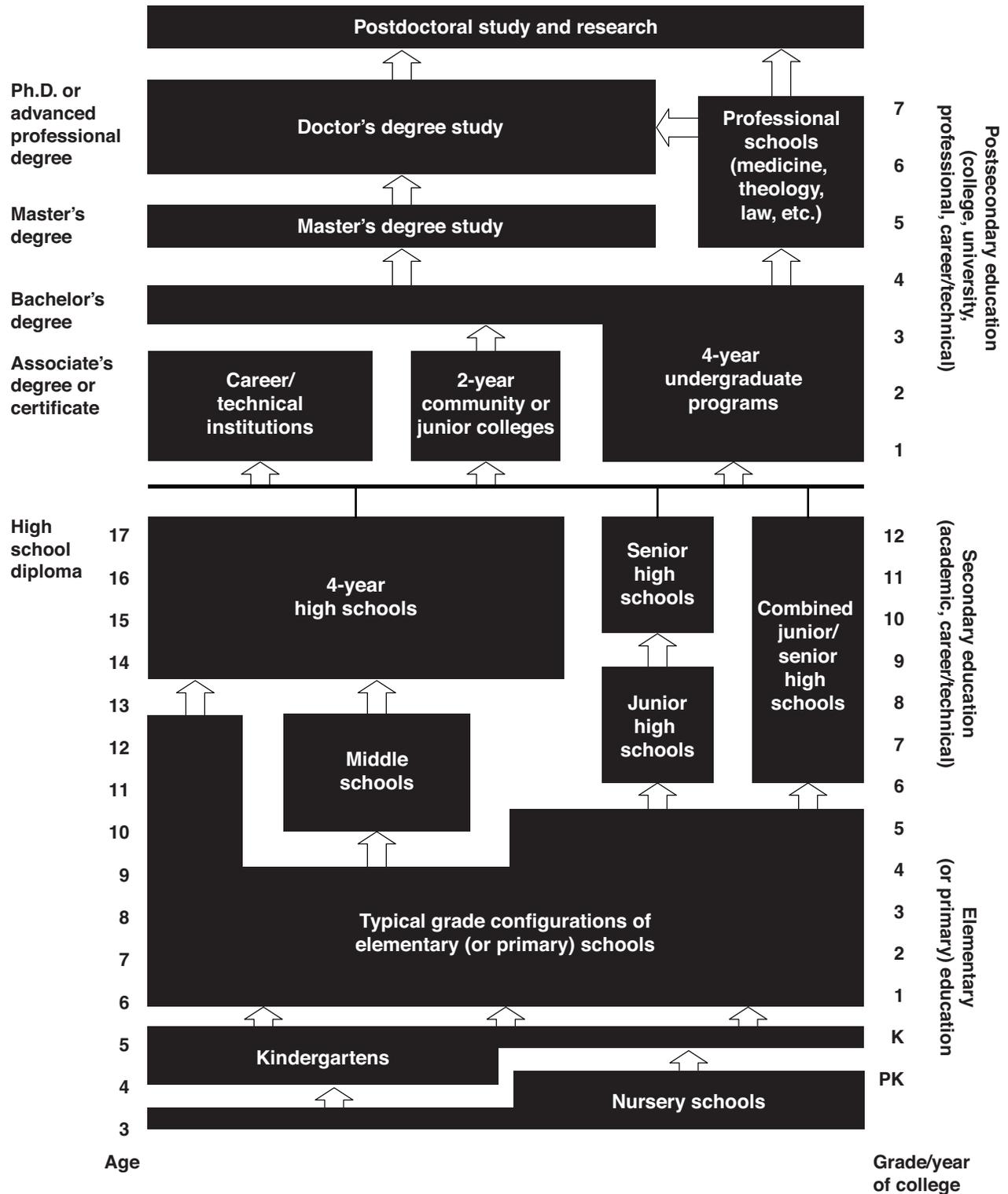
## Teachers and Faculty

A projected 3.6 million elementary and secondary school full-time-equivalent (FTE) teachers were engaged in classroom instruction in the fall of 2017 (table 105.40), which was less than 1 percent lower than in 2007. The number of FTE public elementary and secondary school teachers in 2017 was 3.2 million, and the number of FTE private elementary and secondary school teachers was 0.5 million. FTE faculty at degree-granting postsecondary institutions totaled a projected 1.1 million in 2017, including 0.7 million at public institutions and 0.4 million at private institutions (table 105.10).

## Expenditures

Expenditures of educational institutions were an estimated \$1.3 trillion for the 2016–17 school year (table 106.20 and figure 2). Elementary and secondary schools spent 57 percent of this total (\$759 billion), and degree-granting postsecondary institutions spent the remaining 43 percent (\$583 billion). After adjustment for inflation, total expenditures of all educational institutions rose by an estimated 15 percent between 2006–07 and 2016–17. Inflation-adjusted expenditures of degree-granting postsecondary institutions rose by an estimated 31 percent. Expenditures of public elementary and secondary schools were 5 percent higher in 2016–17 than in 2006–07. In 2016–17, expenditures of educational institutions were an estimated 7.2 percent of the gross domestic product (table 106.10).

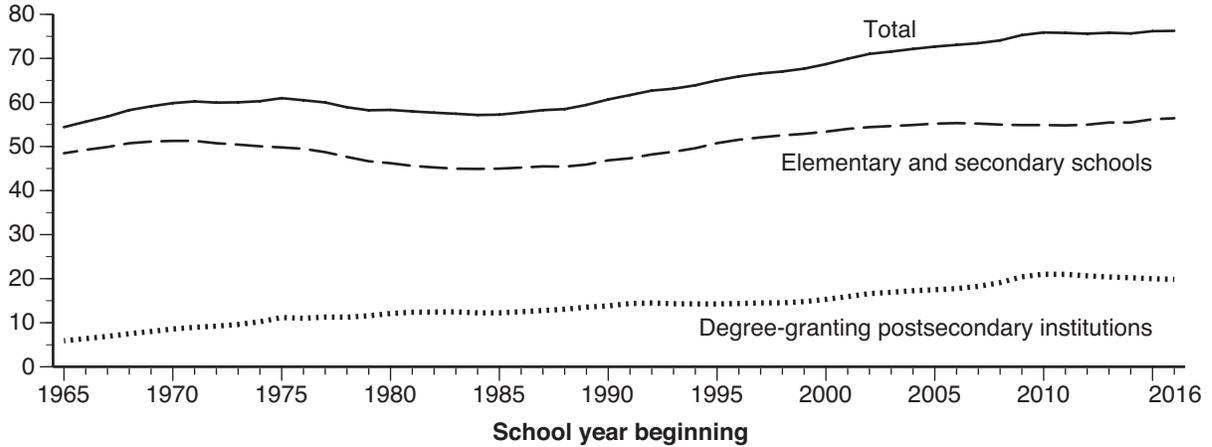
Figure 1. The structure of education in the United States



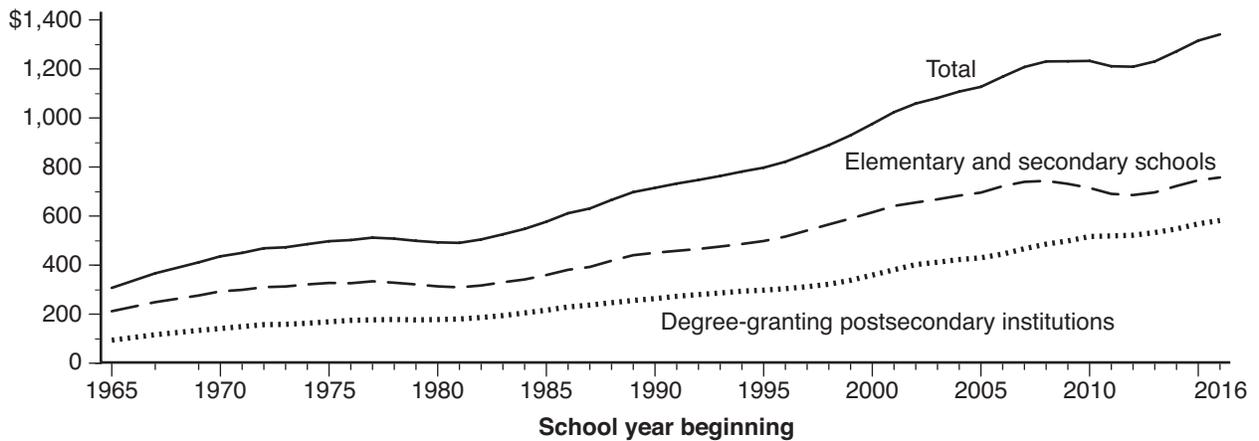
NOTE: Figure is not intended to show relative number of institutions nor relative size of enrollment for the different levels of education. Figure reflects typical patterns of progression rather than all possible variations. Adult education programs, while not separately delineated above, may provide instruction at the adult basic, adult secondary, or postsecondary education levels. SOURCE: U.S. Department of Education, National Center for Education Statistics, Annual Reports Program.

**Figure 2. Fall enrollment, total expenditures, and expenditures as a percentage of the gross domestic product (GDP), by level of education: Selected years, 1965–66 through 2016–17**

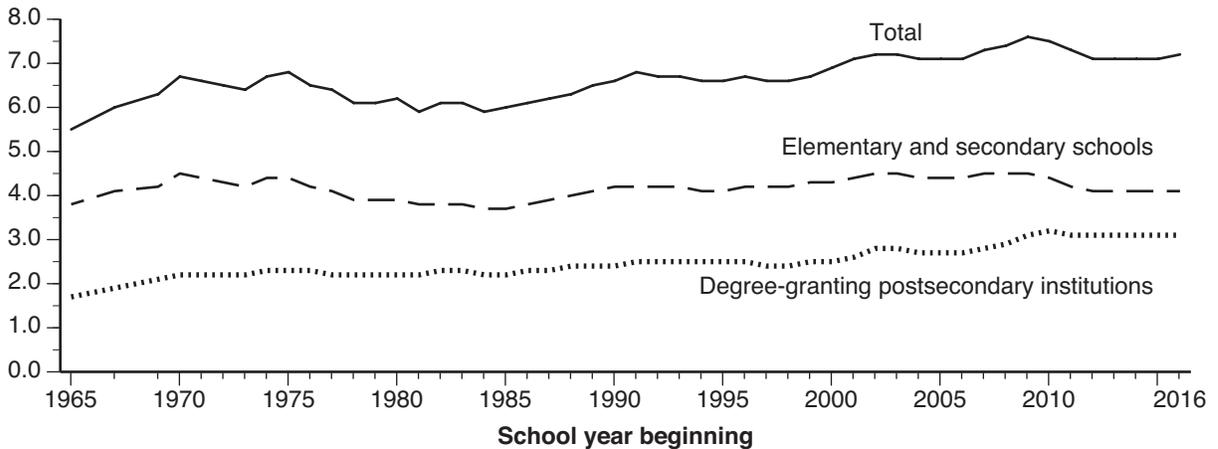
**Fall enrollment, in millions**



**Total expenditures, in billions of constant 2016–17 dollars**

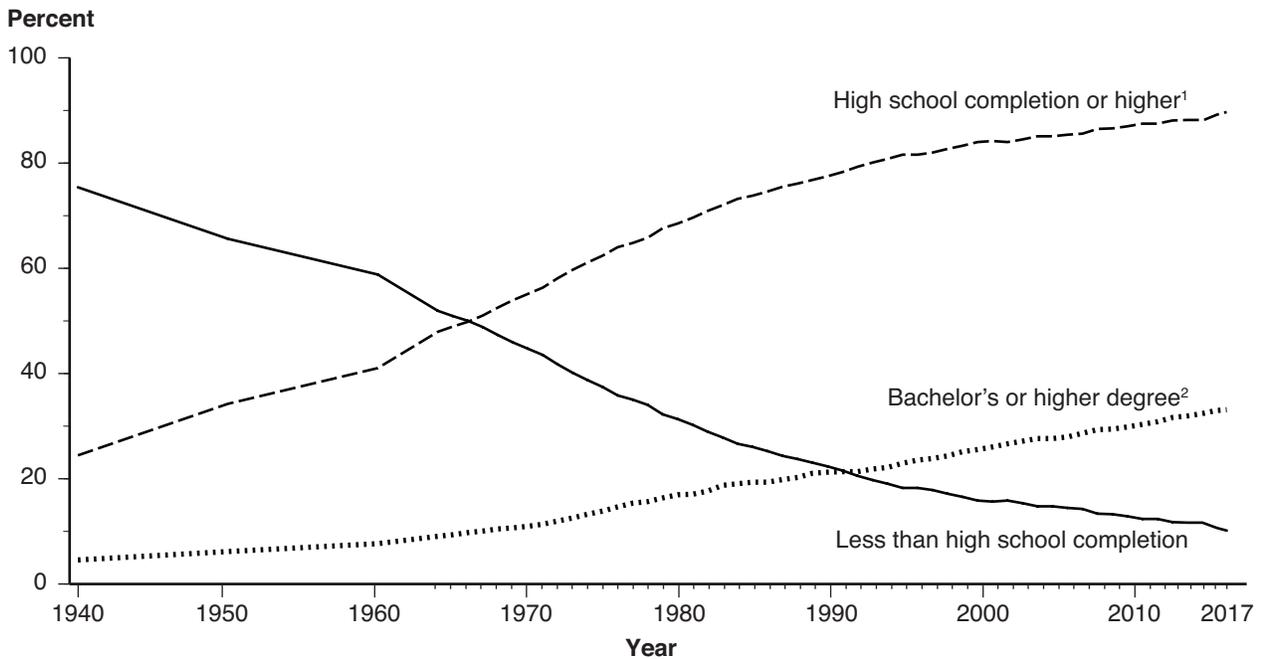


**Expenditures as a percent of GDP**



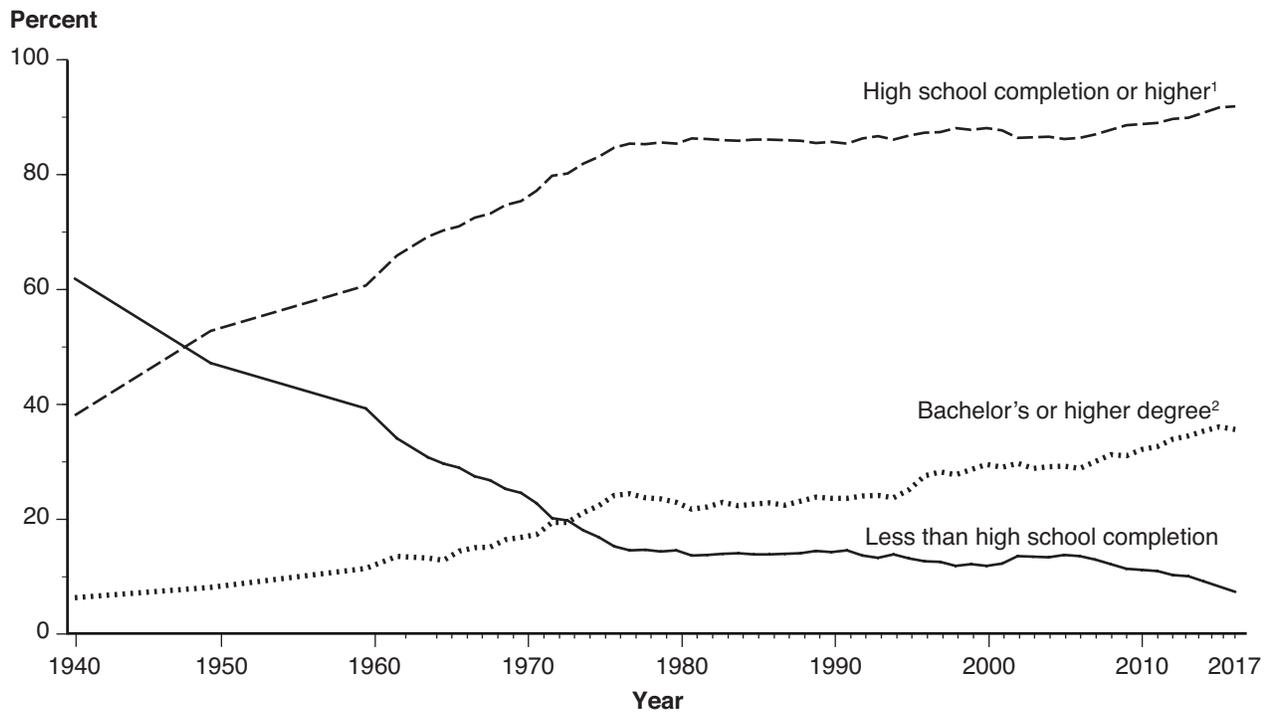
NOTE: Elementary and secondary enrollment data for 2016 (school year 2016–17) are projected. Elementary and secondary expenditure data for 2015 and 2016 (school years 2015–16 and 2016–17) are estimated. Postsecondary expenditure data for school year 2016 (2016–17) are estimated.  
 SOURCE: U.S. Department of Education, National Center for Education Statistics, *Statistics of State School Systems, 1965–66 through 1969–70; Statistics of Public Elementary and Secondary School Systems, 1965 through 1980; Revenues and Expenditures for Public Elementary and Secondary Education, 1970–71 through 1986–87; Common Core of Data (CCD), “State Nonfiscal Survey of Public Elementary and Secondary Education,” 1981–82 through 2015–16, and “National Public Education Financial Survey,” 1987–88 through 2014–15; Private School Universe Survey (PSS), 1989–90 through 2015–16; National Elementary and Secondary Enrollment Projection Model, 1972 through 2027; Higher Education General Information Survey (HEGIS), “Fall Enrollment in Institutions of Higher Education” and “Financial Statistics of Institutions of Higher Education” surveys, 1965–66 through 1985–86; Integrated Postsecondary Education Data System (IPEDS), “Fall Enrollment Survey” (IPEDS-EF:86–99) and “Finance Survey” (IPEDS-F:FY87–99); and IPEDS Spring 2001 through Spring 2017, Enrollment and Finance components. U.S. Department of Commerce, Bureau of Economic Analysis, National Income and Product Accounts Tables, retrieved March 4, 2018, from [http://www.bea.gov/table/index\\_nipa.cfm](http://www.bea.gov/table/index_nipa.cfm).*

**Figure 3. Percentage of persons 25 years old and over, by highest level of educational attainment: Selected years, 1940 through 2017**



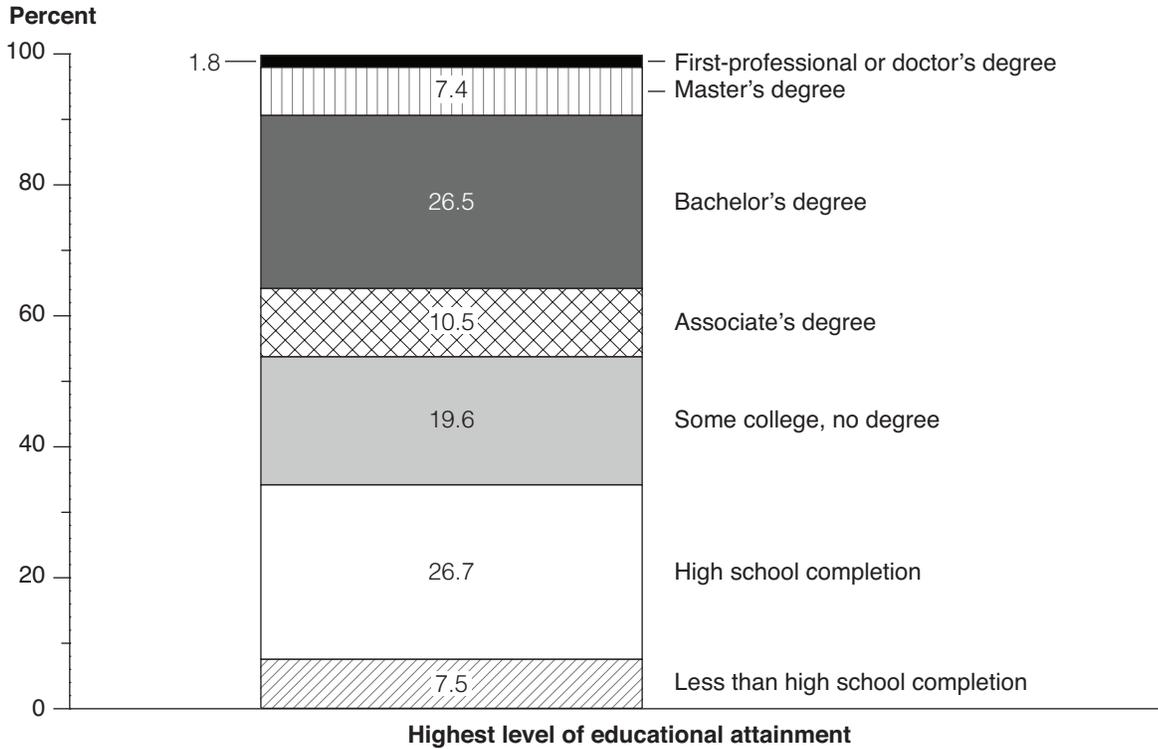
<sup>1</sup>Includes high school completion through equivalency programs, such as a GED program. For years prior to 1993, includes all persons with 4 or more years of high school.  
<sup>2</sup>For years prior to 1993, includes all persons with 4 or more years of college.  
 SOURCE: U.S. Department of Commerce, Census Bureau, *U.S. Census of Population: 1960*, Vol. I, Part 1; J.K. Folger and C.B. Nam, *Education of the American Population* (1960 Census Monograph); Current Population Reports, Series P-20, various years; and Current Population Survey (CPS), Annual Social and Economic Supplement, 1961 through 2017.

**Figure 4. Percentage of persons 25 through 29 years old, by highest level of educational attainment: Selected years, 1940 through 2017**



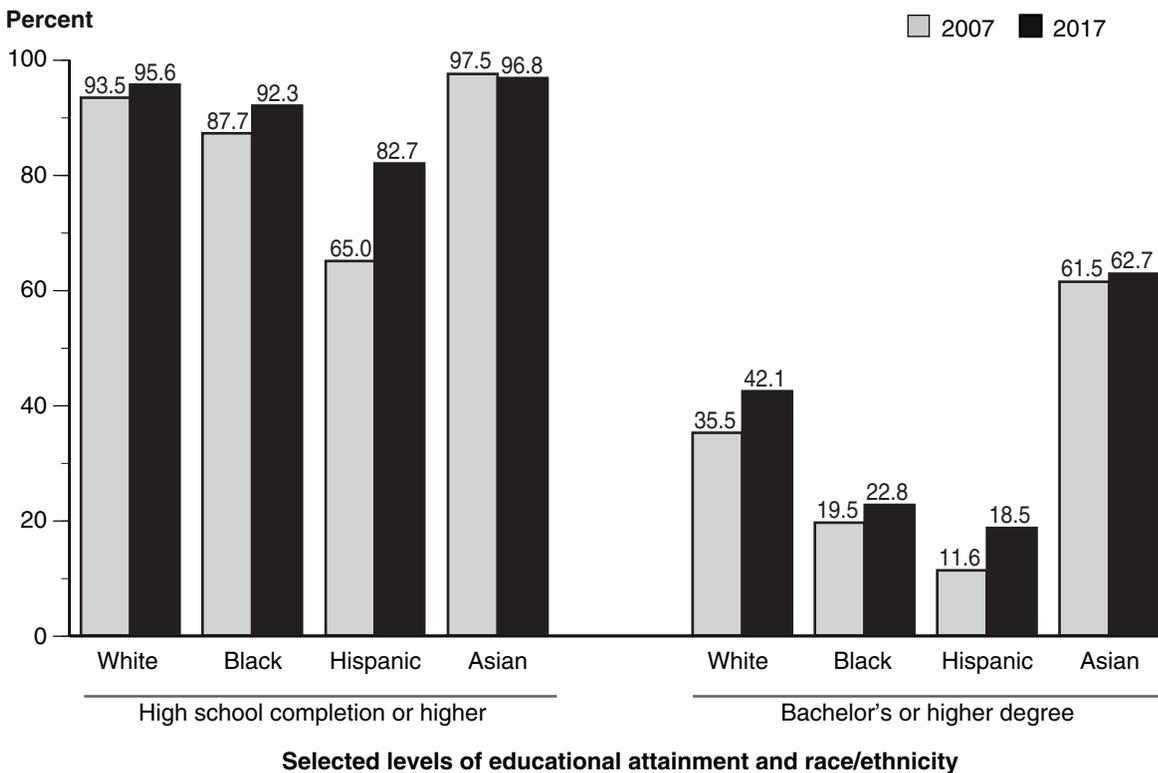
<sup>1</sup>Includes high school completion through equivalency programs, such as a GED program. For years prior to 1993, includes all persons with 4 or more years of high school.  
<sup>2</sup>For years prior to 1993, includes all persons with 4 or more years of college.  
 SOURCE: U.S. Department of Commerce, Census Bureau, *U.S. Census of Population: 1960*, Vol. I, Part 1; J.K. Folger and C.B. Nam, *Education of the American Population* (1960 Census Monograph); Current Population Reports, Series P-20, various years; and Current Population Survey (CPS), Annual Social and Economic Supplement, 1961 through 2017.

**Figure 5. Percentage distribution of persons 25 through 29 years old, by highest level of educational attainment: 2017**



NOTE: High school completion includes equivalency programs, such as a GED program. Graphic display was generated using unrounded data. Detail may not sum to totals because of rounding. SOURCE: U.S. Department of Commerce, Census Bureau, Current Population Survey (CPS), Annual Social and Economic Supplement, 2017.

**Figure 6. Percentage of persons 25 through 29 years old, by selected levels of educational attainment and race/ethnicity: 2007 and 2017**



NOTE: High school completion includes equivalency programs, such as a GED program. Graphic display was generated using unrounded data. Race categories exclude persons of Hispanic ethnicity. SOURCE: U.S. Department of Commerce, Census Bureau, Current Population Survey (CPS), Annual Social and Economic Supplement, 2007 and 2017.

**Table 101.10. Estimates of resident population, by age group: 1970 through 2017**  
[In thousands]

Year	Total, all ages	Total, 3 to 34 years old	3 and 4 years old	5 and 6 years old	7 to 13 years old	14 to 17 years old	18 and 19 years old	20 and 21 years old	22 to 24 years old	25 to 29 years old	30 to 34 years old
1	2	3	4	5	6	7	8	9	10	11	12
1970.....	205,052	109,592	6,961	7,703	28,969	15,924	7,510	7,210	9,992	13,736	11,587
1971.....	207,661	111,202	6,805	7,344	28,892	16,328	7,715	7,350	10,809	14,041	11,917
1972.....	209,896	112,807	6,789	7,051	28,628	16,639	7,923	7,593	10,560	15,240	12,383
1973.....	211,909	114,426	6,938	6,888	28,158	16,867	8,114	7,796	10,725	15,786	13,153
1974.....	213,854	116,075	7,117	6,864	27,600	17,035	8,257	8,003	10,972	16,521	13,704
1975.....	215,973	117,435	6,912	7,013	26,905	17,128	8,478	8,196	11,331	17,280	14,191
1976.....	218,035	118,474	6,436	7,195	26,321	17,119	8,659	8,336	11,650	18,274	14,485
1977.....	220,239	119,261	6,190	6,978	25,877	17,045	8,675	8,550	11,949	18,277	15,721
1978.....	222,585	119,833	6,208	6,500	25,594	16,946	8,677	8,730	12,216	18,683	16,280
1979.....	225,055	120,544	6,252	6,256	25,175	16,611	8,751	8,754	12,542	19,178	17,025
1980.....	227,225	121,132	6,366	6,291	24,800	16,143	8,718	8,669	12,716	19,686	17,743
1981.....	229,466	121,999	6,535	6,315	24,396	15,609	8,582	8,759	12,903	20,169	18,731
1982.....	231,664	121,823	6,658	6,407	24,121	15,057	8,480	8,768	12,914	20,704	18,714
1983.....	233,792	122,302	6,877	6,572	23,709	14,740	8,290	8,652	12,981	21,414	19,067
1984.....	235,825	122,254	7,045	6,694	23,367	14,725	7,932	8,567	12,962	21,459	19,503
1985.....	237,924	122,512	7,134	6,916	22,976	14,888	7,637	8,370	12,895	21,671	20,025
1986.....	240,133	122,688	7,187	7,086	22,992	14,824	7,483	8,024	12,720	21,893	20,479
1987.....	242,289	122,672	7,132	7,178	23,325	14,502	7,502	7,742	12,450	21,857	20,984
1988.....	244,499	122,713	7,176	7,238	23,791	14,023	7,701	7,606	12,048	21,739	21,391
1989.....	246,819	122,655	7,315	7,184	24,228	13,536	7,898	7,651	11,607	21,560	21,676
1990.....	249,623	122,787	7,359	7,244	24,785	13,329	7,702	7,886	11,264	21,277	21,939
1991.....	252,981	123,210	7,444	7,393	25,216	13,491	7,208	8,029	11,205	20,923	22,301
1992.....	256,514	123,722	7,614	7,447	25,752	13,775	6,949	7,797	11,391	20,503	22,494
1993.....	259,919	124,371	7,887	7,549	26,212	14,096	6,985	7,333	11,657	20,069	22,584
1994.....	263,126	124,976	8,089	7,725	26,492	14,637	7,047	7,071	11,585	19,740	22,590
1995.....	266,278	125,478	8,107	8,000	26,825	15,013	7,182	7,103	11,197	19,680	22,372
1996.....	269,394	125,924	8,022	8,206	27,168	15,443	7,399	7,161	10,715	19,864	21,945
1997.....	272,647	126,422	7,915	8,232	27,683	15,769	7,569	7,309	10,601	19,899	21,446
1998.....	275,854	126,939	7,841	8,152	28,302	15,829	7,892	7,520	10,647	19,804	20,953
1999.....	279,040	127,446	7,772	8,041	28,763	16,007	8,094	7,683	10,908	19,575	20,603
2000.....	282,162	128,041	7,724	7,972	29,082	16,144	8,199	7,995	11,122	19,280	20,524
2001.....	284,969	128,467	7,630	7,883	29,210	16,280	8,235	8,290	11,467	18,819	20,652
2002.....	287,625	128,955	7,617	7,750	29,251	16,506	8,237	8,342	11,902	18,691	20,658
2003.....	290,108	129,346	7,678	7,661	29,153	16,694	8,325	8,324	12,267	18,772	20,472
2004.....	292,805	129,965	7,885	7,652	28,806	17,054	8,457	8,312	12,534	19,107	20,160
2005.....	295,517	130,280	7,973	7,721	28,527	17,358	8,482	8,392	12,568	19,535	19,724
2006.....	298,380	130,754	7,937	7,942	28,327	17,549	8,567	8,507	12,529	20,110	19,285
2007.....	301,231	131,417	8,002	8,040	28,256	17,597	8,730	8,500	12,578	20,543	19,171
2008.....	304,094	132,269	8,033	8,012	28,426	17,395	9,014	8,555	12,626	20,903	19,305
2009.....	306,772	133,202	8,059	8,088	28,569	17,232	9,146	8,691	12,693	21,078	19,645
2010 <sup>1</sup> .....	309,348	134,106	8,189	8,138	28,730	17,066	9,062	8,957	12,748	21,145	20,070
2011 <sup>1</sup> .....	311,663	134,916	8,225	8,163	28,755	16,872	8,923	9,196	12,973	21,288	20,521
2012 <sup>1</sup> .....	313,998	135,520	8,096	8,230	28,777	16,720	8,789	9,181	13,418	21,393	20,916
2013 <sup>1</sup> .....	316,205	136,066	7,987	8,266	28,810	16,649	8,678	9,032	13,794	21,576	21,274
2014 <sup>1</sup> .....	318,563	136,610	8,012	8,141	28,817	16,742	8,546	8,900	13,992	21,956	21,504
2015 <sup>1</sup> .....	320,897	136,878	7,995	8,036	28,869	16,799	8,467	8,803	13,890	22,401	21,618
2016 <sup>1</sup> .....	323,128	137,206	7,970	8,062	28,892	16,761	8,463	8,673	13,708	22,891	21,786
2017.....	325,344	137,489	8,002	8,044	28,897	16,737	8,485	8,591	13,515	23,318	21,899

<sup>1</sup>Revised from previously published figures.  
NOTE: Resident population includes civilian population and armed forces personnel residing within the United States; it excludes armed forces personnel residing overseas. Detail may not sum to totals because of rounding. Population estimates as of July 1 of the indicated reference year.

SOURCE: U.S. Department of Commerce, Census Bureau, Current Population Reports, Series P-25, Nos. 1000, 1022, 1045, 1057, 1059, 1092, and 1095; 2000 through 2009 Population Estimates, retrieved August 14, 2012, from <http://www.census.gov/popest/data/national/asrh/2011/index.html>; and 2010 through 2017 Population Estimates, retrieved September 5, 2017, from <https://www.census.gov/data/datasets/2016/demo/popest/nation-detail.html>. (This table was prepared September 2017.)

**Table 101.20. Estimates of resident population, by race/ethnicity and age group: Selected years, 1980 through 2017**

Year and age group	Number (in thousands)								Percentage distribution							
	Total	White	Black	Hispanic	Asian	Pacific Islander	American Indian/ Alaska Native	Two or more races	Total	White	Black	Hispanic	Asian	Pacific Islander	American Indian/ Alaska Native	Two or more races
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
<b>Total</b>																
1980.....	227,225	181,140	26,215	14,869	3,665	( <sup>1</sup> )	1,336	—	100.0	79.7	11.5	6.5	1.6	( <sup>1</sup> )	0.6	—
1990.....	249,623	188,725	29,439	22,573	7,092	( <sup>1</sup> )	1,793	—	100.0	75.6	11.8	9.0	2.8	( <sup>1</sup> )	0.7	—
1995.....	266,278	194,389	32,500	28,158	9,188	( <sup>1</sup> )	2,044	—	100.0	73.0	12.2	10.6	3.5	( <sup>1</sup> )	0.8	—
2000 <sup>2</sup> .....	282,162	195,702	34,406	35,662	10,469	370	2,102	3,452	100.0	69.4	12.2	12.6	3.7	0.1	0.7	1.2
2005 <sup>2</sup> .....	295,517	196,621	36,147	43,024	12,658	434	2,186	4,447	100.0	66.5	12.2	14.6	4.3	0.1	0.7	1.5
2007 <sup>2</sup> .....	301,231	197,011	36,906	46,197	13,527	461	2,220	4,909	100.0	65.4	12.3	15.3	4.5	0.2	0.7	1.6
2010 <sup>2</sup> .....	309,348	197,394	38,015	50,754	14,768	500	2,269	5,648	100.0	63.8	12.3	16.4	4.8	0.2	0.7	1.8
2012 <sup>2</sup> .....	313,998	197,701	38,776	52,993	15,687	522	2,311	6,008	100.0	63.0	12.3	16.9	5.0	0.2	0.7	1.9
2013 <sup>2</sup> .....	316,205	197,777	39,136	54,064	16,170	533	2,331	6,193	100.0	62.5	12.4	17.1	5.1	0.2	0.7	2.0
2014 <sup>2</sup> .....	318,563	197,902	39,508	55,190	16,687	544	2,351	6,381	100.0	62.1	12.4	17.3	5.2	0.2	0.7	2.0
2015 <sup>2</sup> .....	320,897	197,964	39,877	56,339	17,221	556	2,370	6,571	100.0	61.7	12.4	17.6	5.4	0.2	0.7	2.0
2016 <sup>2</sup> .....	323,128	197,970	40,229	57,470	17,741	567	2,387	6,762	100.0	61.3	12.4	17.8	5.5	0.2	0.7	2.1
2017 <sup>2</sup> .....	325,344	197,960	40,574	58,603	18,263	578	2,405	6,962	100.0	60.8	12.5	18.0	5.6	0.2	0.7	2.1
<b>Under 5 years old</b>																
1980.....	16,451	11,904	2,413	1,677	319	( <sup>1</sup> )	137	—	100.0	72.4	14.7	10.2	1.9	( <sup>1</sup> )	0.8	—
1990.....	18,856	12,757	2,825	2,497	593	( <sup>1</sup> )	184	—	100.0	67.7	15.0	13.2	3.1	( <sup>1</sup> )	1.0	—
1995.....	19,627	12,415	3,050	3,245	734	( <sup>1</sup> )	182	—	100.0	63.3	15.5	16.5	3.7	( <sup>1</sup> )	0.9	—
2000 <sup>2</sup> .....	19,178	11,253	2,753	3,748	686	30	171	538	100.0	58.7	14.4	19.5	3.6	0.2	0.9	2.8
2005 <sup>2</sup> .....	19,177	10,847	2,706	4,607	839	35	171	712	100.0	54.5	13.6	23.1	4.2	0.2	0.9	3.6
2007 <sup>2</sup> .....	20,126	10,645	2,716	4,899	868	37	174	787	100.0	52.9	13.5	24.3	4.3	0.2	0.9	3.9
2010 <sup>2</sup> .....	20,190	10,277	2,780	5,128	891	39	176	899	100.0	50.9	13.8	25.4	4.4	0.2	0.9	4.5
2012 <sup>2</sup> .....	19,981	10,044	2,755	5,147	903	39	172	920	100.0	50.3	13.8	25.8	4.5	0.2	0.9	4.6
2013 <sup>2</sup> .....	19,854	9,943	2,734	5,124	917	39	170	926	100.0	50.1	13.8	25.8	4.6	0.2	0.9	4.7
2014 <sup>2</sup> .....	19,878	9,919	2,735	5,142	938	39	169	935	100.0	49.9	13.8	25.9	4.7	0.2	0.9	4.7
2015 <sup>2</sup> .....	19,912	9,901	2,744	5,154	964	40	168	941	100.0	49.7	13.8	25.9	4.8	0.2	0.8	4.7
2016 <sup>2</sup> .....	19,927	9,885	2,744	5,145	993	41	167	952	100.0	49.6	13.8	25.8	5.0	0.2	0.8	4.8
2017 <sup>2</sup> .....	19,975	9,866	2,745	5,167	1,018	41	166	971	100.0	49.4	13.7	25.9	5.1	0.2	0.8	4.9
<b>5 to 17 years old</b>																
1980.....	47,232	35,220	6,840	4,005	790	( <sup>1</sup> )	377	—	100.0	74.6	14.5	8.5	1.7	( <sup>1</sup> )	0.8	—
1990.....	45,359	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
1995.....	49,838	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2000 <sup>2</sup> .....	53,198	33,008	7,994	8,700	1,829	85	522	1,059	100.0	62.0	15.0	16.4	3.4	0.2	1.0	2.0
2005 <sup>2</sup> .....	53,606	31,379	7,987	10,207	2,047	92	499	1,396	100.0	58.5	14.9	19.0	3.8	0.2	0.9	2.6
2007 <sup>2</sup> .....	53,893	30,679	7,916	10,988	2,166	96	489	1,559	100.0	56.9	14.7	20.4	4.0	0.2	0.9	2.9
2010 <sup>2</sup> .....	53,934	29,496	7,645	12,057	2,351	101	475	1,809	100.0	54.7	14.2	22.4	4.4	0.2	0.9	3.4
2012 <sup>2</sup> .....	53,727	28,879	7,484	12,427	2,446	102	467	1,922	100.0	53.8	13.9	23.1	4.6	0.2	0.9	3.6
2013 <sup>2</sup> .....	53,725	28,601	7,451	12,624	2,498	103	465	1,982	100.0	53.2	13.9	23.5	4.7	0.2	0.9	3.7
2014 <sup>2</sup> .....	53,700	28,306	7,433	12,807	2,546	104	464	2,040	100.0	52.7	13.8	23.8	4.7	0.2	0.9	3.8
2015 <sup>2</sup> .....	53,704	28,027	7,413	13,003	2,598	105	462	2,098	100.0	52.2	13.8	24.2	4.8	0.2	0.9	3.9
2016 <sup>2</sup> .....	53,715	27,763	7,395	13,201	2,643	106	459	2,148	100.0	51.7	13.8	24.6	4.9	0.2	0.9	4.0
2017 <sup>2</sup> .....	53,679	27,491	7,377	13,357	2,695	107	457	2,195	100.0	51.2	13.7	24.9	5.0	0.2	0.9	4.1
<b>18 to 24 years old</b>																
1980.....	30,103	23,278	3,872	2,284	468	( <sup>1</sup> )	201	—	100.0	77.3	12.9	7.6	1.6	( <sup>1</sup> )	0.7	—
1990.....	26,853	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
1995.....	25,482	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2000 <sup>2</sup> .....	27,315	16,913	3,780	4,786	1,158	50	239	389	100.0	61.9	13.8	17.5	4.2	0.2	0.9	1.4
2005 <sup>2</sup> .....	29,442	17,741	4,092	5,406	1,351	57	263	531	100.0	60.3	13.9	18.4	4.6	0.2	0.9	1.8
2007 <sup>2</sup> .....	29,808	17,668	4,189	5,636	1,408	60	266	581	100.0	59.3	14.1	18.9	4.7	0.2	0.9	2.0
2010 <sup>2</sup> .....	30,767	17,618	4,436	6,183	1,520	66	266	678	100.0	57.3	14.4	20.1	4.9	0.2	0.9	2.2
2012 <sup>2</sup> .....	31,388	17,613	4,664	6,416	1,597	66	276	756	100.0	56.1	14.9	20.4	5.1	0.2	0.9	2.4
2013 <sup>2</sup> .....	31,504	17,526	4,703	6,509	1,628	65	277	795	100.0	55.6	14.9	20.7	5.2	0.2	0.9	2.5
2014 <sup>2</sup> .....	31,438	17,345	4,670	6,597	1,656	64	276	830	100.0	55.2	14.9	21.0	5.3	0.2	0.9	2.6
2015 <sup>2</sup> .....	31,160	17,051	4,590	6,645	1,679	62	271	862	100.0	54.7	14.7	21.3	5.4	0.2	0.9	2.8
2016 <sup>2</sup> .....	30,844	16,745	4,497	6,686	1,697	61	267	891	100.0	54.3	14.6	21.7	5.5	0.2	0.9	2.9
2017 <sup>2</sup> .....	30,592	16,499	4,405	6,728	1,720	60	261	918	100.0	53.9	14.4	22.0	5.6	0.2	0.9	3.0
<b>25 years old and over</b>																
1980.....	133,438	110,737	13,091	6,903	2,088	( <sup>1</sup> )	620	—	100.0	83.0	9.8	5.2	1.6	( <sup>1</sup> )	0.5	—
1990.....	158,555	125,653	16,322	11,447	4,190	( <sup>1</sup> )	944	—	100.0	79.2	10.3	7.2	2.6	( <sup>1</sup> )	0.6	—
1995.....	171,332	131,839	18,250	14,519	5,628	( <sup>1</sup> )	1,096	—	100.0	76.9	10.7	8.5	3.3	( <sup>1</sup> )	0.6	—
2000 <sup>2</sup> .....	182,471	134,529	19,879	18,427	6,796	205	1,170	1,465	100.0	73.7	10.9	10.1	3.7	0.1	0.6	0.8
2005 <sup>2</sup> .....	192,551	136,655	21,361	22,804	8,421	250	1,253	1,808	100.0	71.0	11.1	11.8	4.4	0.1	0.7	0.9
2007 <sup>2</sup> .....	197,404	138,020	22,083	24,674	9,086	268	1,292	1,981	100.0	69.9	11.2	12.5	4.6	0.1	0.7	1.0
2010 <sup>2</sup> .....	204,458	140,003	23,155	27,386	10,006	294	1,352	2,262	100.0	68.5	11.3	13.4	4.9	0.1	0.7	1.1
2012 <sup>2</sup> .....	208,903	141,166	23,873	29,004	10,741	315	1,395	2,410	100.0	67.6	11.4	13.9	5.1	0.2	0.7	1.2
2013 <sup>2</sup> .....	211,121	141,707	24,247	29,807	11,127	326	1,418	2,489	100.0	67.1	11.5	14.1	5.3	0.2	0.7	1.2
2014 <sup>2</sup> .....	213,548	142,333	24,670	30,644	11,547	337	1,443	2,576	100.0	66.7	11.6					

**Table 101.30. Number, percentage, and percentage distribution of total resident population and population under 18 years old, by nativity, race/ethnicity, and selected racial/ethnic subgroups: 2005, 2010, and 2016**

[Numbers in thousands. Standard errors appear in parentheses]

Year and race/ethnicity	Total, all ages						Under 18 years old					
	Total number	U.S.-born <sup>1</sup>		Foreign-born			Total number	U.S.-born <sup>1</sup>		Foreign-born		
		Number	Percent	Number	Percent	Percentage distribution		Number	Percent	Number	Percent	Percentage distribution
1	2	3	4	5	6	7	8	9	10	11	12	13
<b>2005</b>												
<b>Total</b> .....	<b>288,399 (244.5)</b>	<b>252,629 (236.3)</b>	<b>87.6 (0.03)</b>	<b>35,770 (94.4)</b>	<b>12.4 (0.03)</b>	<b>100.0 (†)</b>	<b>73,148 (107.2)</b>	<b>69,994 (109.6)</b>	<b>95.7 (0.04)</b>	<b>3,153 (30.2)</b>	<b>4.3 (0.04)</b>	<b>100.0 (†)</b>
White .....	192,527 (189.8)	185,083 (181.3)	96.1 (0.03)	7,444 (50.8)	3.9 (0.03)	20.8 (0.13)	42,364 (71.6)	41,820 (73.4)	98.7 (0.03)	544 (13.3)	1.3 (0.03)	17.3 (0.38)
Black .....	34,411 (89.2)	31,875 (86.8)	92.6 (0.09)	2,535 (32.5)	7.4 (0.09)	7.1 (0.09)	10,608 (49.9)	10,360 (50.1)	97.7 (0.09)	248 (9.0)	2.3 (0.09)	7.9 (0.27)
Hispanic.....	41,926 (98.9)	25,086 (82.2)	59.8 (0.14)	16,841 (74.0)	40.2 (0.14)	47.1 (0.16)	14,439 (39.7)	12,772 (42.1)	88.5 (0.15)	1,667 (21.3)	11.5 (0.15)	52.9 (0.44)
Asian.....	12,331 (45.8)	3,977 (27.7)	32.3 (0.16)	8,354 (31.3)	67.7 (0.16)	23.4 (0.09)	2,813 (19.5)	2,179 (17.8)	77.4 (0.37)	635 (11.6)	22.6 (0.37)	20.1 (0.34)
Pacific Islander.....	346 (8.5)	276 (8.4)	79.7 (1.35)	70 (4.9)	20.3 (1.35)	0.2 (0.01)	92 (4.6)	84 (4.6)	91.5 (1.71)	8 (1.6)	8.5 (1.71)	0.2 (0.05)
American Indian/ Alaska Native <sup>1</sup> .....	2,036 (23.2)	2,006 (23.1)	98.5 (0.12)	30 (2.5)	1.5 (0.12)	0.1 (0.01)	583 (10.3)	580 (10.3)	99.4 (0.15)	3 (0.9)	0.6 (0.15)	0.1 (0.03)
Some other race <sup>2</sup> .....	776 (19.8)	475 (12.9)	61.2 (1.04)	301 (12.4)	38.8 (1.04)	0.8 (0.03)	299 (10.1)	271 (9.2)	90.7 (0.84)	28 (2.8)	9.3 (0.84)	0.9 (0.09)
Two or more races.....	4,046 (34.3)	3,851 (31.9)	95.2 (0.14)	195 (6.4)	4.8 (0.14)	0.5 (0.02)	1,948 (22.5)	1,928 (22.1)	99.0 (0.10)	20 (1.9)	1.0 (0.10)	0.6 (0.06)
White and Black.....	1,031 (19.0)	1,005 (18.4)	97.5 (0.26)	26 (2.8)	2.5 (0.26)	0.1 (0.01)	755 (16.6)	750 (16.5)	99.4 (0.13)	5 (1.0)	0.6 (0.13)	0.1 (0.03)
White and Asian.....	842 (15.9)	768 (15.1)	91.3 (0.43)	73 (3.8)	8.7 (0.43)	0.2 (0.01)	473 (11.1)	464 (10.9)	98.1 (0.25)	9 (1.2)	1.9 (0.25)	0.3 (0.04)
White and American Indian/ Alaska Native.....	1,148 (14.7)	1,143 (14.5)	99.6 (0.06)	5 (0.7)	0.4 (0.06)	# (†)	298 (7.6)	298 (7.6)	100.0 (0.03)	± (†)	± (†)	± (†)
Other Two or more races.....	1,026 (18.4)	935 (17.0)	91.1 (0.41)	91 (4.6)	8.9 (0.41)	0.3 (0.01)	422 (11.4)	416 (11.4)	98.5 (0.26)	6.3 (1.1)	1.5 (0.26)	0.2 (0.03)
<b>2010</b>												
<b>Total</b> .....	<b>309,350 (28.7)</b>	<b>269,433 (95.5)</b>	<b>87.1 (0.03)</b>	<b>39,917 (87.1)</b>	<b>12.9 (0.03)</b>	<b>100.0 (†)</b>	<b>74,132 (22.1)</b>	<b>71,304 (30.5)</b>	<b>96.2 (0.04)</b>	<b>2,828 (26.6)</b>	<b>3.8 (0.04)</b>	<b>100.0 (†)</b>
White .....	196,931 (27.9)	189,451 (49.8)	96.2 (0.02)	7,481 (42.0)	3.8 (0.02)	18.7 (0.09)	39,637 (7.1)	39,208 (12.2)	98.9 (0.03)	430 (11.4)	1.1 (0.03)	15.2 (0.37)
Black .....	37,937 (38.1)	34,911 (40.5)	92.0 (0.06)	3,025 (25.0)	8.0 (0.06)	7.6 (0.06)	10,404 (25.2)	10,152 (25.5)	97.6 (0.08)	252 (8.3)	2.4 (0.08)	8.9 (0.26)
Hispanic.....	50,730 (9.7)	31,912 (61.3)	62.9 (0.12)	18,817 (60.0)	37.1 (0.12)	47.1 (0.09)	17,182 (9.3)	15,794 (17.2)	91.9 (0.10)	1,387 (16.5)	8.1 (0.10)	49.1 (0.38)
Cuban.....	1,884 (24.6)	775 (14.6)	41.2 (0.56)	1,108 (18.0)	58.8 (0.56)	2.8 (0.04)	400 (10.0)	340 (9.0)	84.9 (0.90)	60 (4.0)	15.1 (0.90)	2.1 (0.14)
Dominican.....	1,509 (25.1)	656 (13.7)	43.5 (0.57)	853 (16.8)	56.5 (0.57)	2.1 (0.04)	439 (10.4)	379 (9.2)	86.4 (0.86)	60 (4.2)	13.6 (0.86)	2.1 (0.15)
Mexican.....	32,916 (54.9)	21,208 (50.1)	64.4 (0.14)	11,708 (56.6)	35.6 (0.14)	29.3 (0.11)	12,062 (28.3)	11,126 (25.5)	92.2 (0.11)	936 (13.6)	7.8 (0.11)	33.1 (0.39)
Puerto Rican.....	4,683 (42.2)	4,626 (42.9)	98.8 (0.07)	57 (3.4)	1.2 (0.07)	0.1 (0.01)	1,563 (21.3)	1,561 (21.3)	99.8 (0.03)	± (†)	0.2 (0.03)	0.1 (0.02)
Spaniard.....	707 (16.1)	616 (14.4)	87.1 (0.58)	91 (4.7)	12.9 (0.58)	0.2 (0.01)	181 (7.5)	178 (7.3)	98.4 (0.46)	± (†)	1.6 (0.46)	0.1 (0.03)
Central American <sup>3</sup> .....	4,376 (44.2)	1,613 (21.4)	36.9 (0.34)	2,763 (32.3)	63.1 (0.34)	6.9 (0.08)	1,244 (18.5)	1,082 (17.0)	87.0 (0.42)	162 (5.6)	13.0 (0.42)	5.7 (0.20)
Costa Rican.....	128 (7.7)	62 (4.5)	48.2 (2.10)	66 (4.9)	51.8 (2.10)	0.2 (0.01)	36 (3.2)	31 (2.9)	87.2 (2.48)	5 (1.0)	12.8 (2.48)	0.2 (0.04)
Guatemalan.....	1,108 (26.6)	367 (11.1)	33.1 (0.68)	741 (19.8)	66.9 (0.68)	1.9 (0.05)	322 (11.0)	263 (9.6)	81.7 (0.96)	59 (3.7)	18.3 (0.96)	2.1 (0.13)
Honduran.....	731 (20.7)	244 (9.1)	33.4 (0.83)	487 (15.2)	66.6 (0.83)	1.2 (0.04)	209 (8.6)	180 (7.6)	86.2 (0.97)	29 (2.4)	13.8 (0.97)	1.0 (0.08)
Nicaraguan.....	377 (13.2)	140 (6.8)	37.2 (1.20)	236 (9.4)	62.8 (1.20)	0.6 (0.02)	88 (5.1)	79 (4.9)	90.4 (1.41)	8 (1.3)	9.6 (1.41)	0.3 (0.05)
Panamanian.....	174 (8.8)	98 (6.6)	56.0 (1.76)	77 (4.1)	44.0 (1.76)	0.2 (0.01)	42 (4.0)	40 (3.7)	94.5 (1.49)	± (†)	5.5 (1.49)	0.1 (0.02)
Salvadoran.....	1,827 (29.7)	688 (14.2)	37.6 (0.52)	1,140 (21.5)	62.4 (0.52)	2.9 (0.05)	539 (12.8)	481 (11.7)	89.3 (0.64)	58 (3.8)	10.7 (0.64)	2.0 (0.14)
South American.....	3,088 (40.2)	1,076 (19.3)	34.9 (0.40)	2,012 (28.2)	65.1 (0.40)	5.0 (0.07)	773 (14.7)	624 (12.5)	80.7 (0.72)	149 (6.5)	19.3 (0.72)	5.3 (0.22)
Chilean.....	139 (7.6)	56 (4.6)	40.2 (2.12)	83 (5.0)	59.8 (2.12)	0.2 (0.01)	32 (3.5)	27 (3.1)	84.9 (2.99)	5 (1.1)	15.1 (2.99)	0.2 (0.04)
Colombian.....	972 (19.5)	342 (9.9)	35.2 (0.71)	630 (14.2)	64.8 (0.71)	1.6 (0.04)	243 (7.5)	194 (6.1)	79.8 (1.12)	49 (3.4)	20.2 (1.12)	1.7 (0.12)
Ecuadorian.....	665 (20.0)	232 (9.6)	35.0 (0.94)	432 (14.1)	65.0 (0.94)	1.1 (0.04)	171 (8.1)	146 (7.1)	85.1 (1.33)	26 (2.7)	14.9 (1.33)	0.9 (0.09)
Peruvian.....	609 (16.5)	204 (7.3)	33.4 (0.80)	406 (12.1)	66.6 (0.80)	1.0 (0.03)	149 (6.7)	122 (5.7)	82.1 (1.37)	27 (2.5)	17.9 (1.37)	0.9 (0.09)
Venezuelan.....	239 (8.5)	74 (4.3)	31.2 (1.48)	164 (7.0)	68.8 (1.48)	0.4 (0.02)	59 (3.6)	42 (3.2)	70.6 (2.82)	17 (1.9)	29.4 (2.82)	0.6 (0.07)
Other South American.....	463 (14.0)	168 (7.2)	36.2 (1.03)	295 (9.9)	63.8 (1.03)	0.7 (0.02)	119 (6.0)	94 (5.0)	78.8 (1.97)	25 (2.8)	21.2 (1.97)	0.9 (0.10)
Other Hispanic.....	1,567 (22.4)	1,343 (19.5)	85.7 (0.45)	224 (8.1)	14.3 (0.45)	0.6 (0.02)	518 (12.0)	503 (11.7)	97.1 (0.34)	15 (1.8)	2.9 (0.34)	0.5 (0.06)
Asian.....	14,558 (22.7)	4,819 (21.5)	33.1 (0.13)	9,740 (21.9)	66.9 (0.13)	24.4 (0.06)	3,179 (13.7)	2,493 (14.6)	78.4 (0.32)	685 (10.5)	21.6 (0.32)	24.2 (0.33)
Chinese <sup>4</sup> .....	3,440 (29.2)	1,059 (13.8)	30.8 (0.31)	2,381 (23.0)	69.2 (0.31)	6.0 (0.06)	680 (11.3)	518 (9.4)	76.2 (0.74)	162 (6.0)	23.8 (0.74)	5.7 (0.20)
Filipino.....	2,444 (23.2)	810 (13.3)	33.1 (0.42)	1,634 (17.8)	66.9 (0.42)	4.1 (0.05)	460 (8.0)	359 (7.2)	78.1 (0.83)	101 (4.3)	21.9 (0.83)	3.6 (0.15)
Japanese.....	766 (14.3)	472 (9.1)	61.5 (0.70)	295 (8.6)	38.5 (0.70)	0.7 (0.02)	83 (4.7)	61 (3.7)	73.9 (2.09)	22 (2.2)	26.1 (2.09)	0.8 (0.08)
Korean.....	1,429 (21.2)	359 (9.4)	25.1 (0.47)	1,070 (15.9)	74.9 (0.47)	2.7 (0.04)	264 (7.2)	170 (6.6)	64.5 (1.70)	94 (5.1)	35.5 (1.70)	3.3 (0.18)
South Asian <sup>5</sup> .....	3,267 (26.4)	938 (11.7)	28.7 (0.28)	2,329 (21.4)	71.3 (0.28)	5.8 (0.05)	830 (11.9)	659 (9.8)	79.3 (0.57)	172 (5.7)	20.7 (0.57)	6.1 (0.21)
Asian Indian.....	2,765 (26.9)	792 (12.6)	28.6 (0.34)	1,973 (20.9)	71.4 (0.34)	4.9 (0.05)	686 (11.4)	550 (10.3)	80.2 (0.74)	136 (5.7)	19.8 (0.74)	4.8 (0.21)
Bangladeshi.....	114 (6.8)	29 (2.5)	25.1 (1.40)	85 (5.0)	74.9 (1.40)	0.2 (0.01)	33 (2.7)	23 (2.3)	70.7 (3.30)	10 (1.3)	29.3 (3.30)	0.3 (0.05)
Bhutanese.....	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)
Nepalese.....	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)
Pakistani.....	348 (13.8)	110 (5.5)	31.6 (0.94)	238 (9.9)	68.4 (0.94)	0.6 (0.02)	103 (5.6)	80 (4.7)	77.7 (1.93)	23 (2.4)	22.3 (1.93)	0.8 (0.08)

See notes at end of table.

**Table 101.30. Number, percentage, and percentage distribution of total resident population and population under 18 years old, by nativity, race/ethnicity, and selected racial/ethnic subgroups: 2005, 2010, and 2016—Continued**

[Numbers in thousands. Standard errors appear in parentheses]

Year and race/ethnicity	Total, all ages						Under 18 years old								
	Total number	U.S.-born <sup>1</sup>		Foreign-born			Total number	U.S.-born <sup>1</sup>		Foreign-born			Percentage distribution		
		Number	Percent	Number	Percent	Percentage distribution		Number	Percent	Number	Percent	Percentage distribution			
1	2	3	4	5	6	7	8	9	10	11	12	13			
Southeast Asian.....	2,597 (32.8)	901 (16.3)	34.7 (0.37)	1,696 (21.6)	65.3 (0.37)	4.2 (0.05)	657 (14.5)	559 (12.7)	85.1 (0.61)	98 (4.7)	14.9 (0.61)	3.5 (0.16)			
Burmese.....	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)			
Cambodian.....	256 (12.7)	103 (6.9)	40.3 (1.43)	153 (7.7)	59.7 (1.43)	0.4 (0.02)	65 (5.6)	58 (5.3)	88.8 (2.24)	7 (1.5)	11.2 (2.24)	0.3 (0.05)			
Hmong.....	243 (13.2)	138 (7.5)	56.7 (1.44)	105 (7.4)	43.3 (1.44)	0.3 (0.02)	100 (6.4)	85 (5.4)	85.2 (2.14)	15 (2.5)	14.8 (2.14)	0.5 (0.09)			
Laotian.....	208 (11.1)	86 (5.8)	41.4 (1.49)	122 (7.0)	58.6 (1.49)	0.3 (0.02)	56 (4.7)	53 (4.5)	93.8 (1.63)	† (†)	6.2 (1.63)	0.1 (0.03)			
Thai.....	168 (6.4)	36 (2.6)	21.6 (1.22)	132 (5.2)	78.4 (1.22)	0.3 (0.01)	24 (2.2)	16 (1.6)	65.6 (5.58)	8 (1.7)	34.4 (5.58)	0.3 (0.06)			
Vietnamese.....	1,627 (23.5)	515 (10.8)	31.7 (0.44)	1,112 (17.0)	68.3 (0.44)	2.8 (0.04)	390 (9.1)	332 (8.3)	85.1 (0.80)	58 (3.4)	14.9 (0.80)	2.1 (0.12)			
Other Southeast Asian <sup>6</sup> .....	95 (6.0)	23 (2.2)	23.7 (1.91)	72 (5.0)	76.3 (1.91)	0.2 (0.01)	21 (2.1)	15 (1.6)	70.3 (4.67)	6 (1.2)	29.7 (4.67)	0.2 (0.04)			
Other Asian.....	615 (14.3)	280 (7.7)	45.6 (0.91)	335 (10.4)	54.4 (0.91)	0.8 (0.03)	205 (7.3)	167 (6.3)	81.6 (1.37)	38 (3.3)	18.4 (1.37)	1.3 (0.11)			
Pacific Islander.....	461 (6.7)	369 (6.6)	80.0 (0.95)	92 (4.7)	20.0 (0.95)	0.2 (0.01)	128 (3.5)	119 (3.5)	93.1 (1.03)	9 (1.3)	6.9 (1.03)	0.3 (0.05)			
American Indian/ Alaska Native <sup>1</sup> .....	2,077 (15.5)	2,054 (15.0)	98.9 (0.13)	23 (2.6)	1.1 (0.13)	0.1 (0.01)	575 (7.3)	572 (7.1)	99.5 (0.18)	† (†)	0.5 (†)	0.1 (†)			
Some other race <sup>2</sup> .....	563 (14.0)	348 (9.7)	61.9 (1.08)	214 (8.7)	38.1 (1.08)	0.5 (0.02)	180 (7.0)	169 (6.8)	93.6 (0.97)	11 (1.8)	6.4 (0.97)	0.4 (0.06)			
Two or more races.....	6,093 (42.4)	5,569 (38.5)	91.4 (0.20)	524 (13.4)	8.6 (0.20)	1.3 (0.03)	2,847 (26.5)	2,796 (26.2)	98.2 (0.12)	50 (3.5)	1.8 (0.12)	1.8 (0.12)			
White and Black.....	1,652 (23.6)	1,616 (22.9)	97.8 (0.18)	36 (3.1)	2.2 (0.18)	0.1 (0.01)	1,134 (19.4)	1,130 (19.3)	99.7 (0.09)	4 (1.0)	0.3 (0.09)	0.1 (0.04)			
White and Asian.....	1,433 (20.4)	1,230 (16.0)	85.8 (0.43)	204 (7.8)	14.2 (0.43)	0.5 (0.02)	734 (12.6)	707 (12.1)	96.3 (0.36)	27 (2.7)	3.7 (0.36)	1.0 (0.09)			
White and American Indian/ Alaska Native.....	1,383 (12.8)	1,378 (12.8)	99.7 (0.06)	5 (0.8)	0.3 (0.06)	# (†)	386 (7.7)	386 (7.8)	99.9 (0.08)	† (†)	† (†)	† (†)			
Other Two or more races.....	1,624 (25.0)	1,345 (21.5)	82.8 (0.53)	279 (10.1)	17.2 (0.53)	0.7 (0.03)	593 (13.1)	574 (12.9)	96.8 (0.31)	19 (1.8)	3.2 (0.31)	0.7 (0.07)			
<b>2016</b>															
<b>Total.....</b>	<b>323,128 (0.1)</b>	<b>279,446 (112.6)</b>	<b>86.5 (0.03)</b>	<b>43,682 (112.6)</b>	<b>13.5 (0.03)</b>	<b>100.0 (†)</b>	<b>73,551 (25.6)</b>	<b>71,040 (32.7)</b>	<b>96.6 (0.03)</b>	<b>2,511 (22.6)</b>	<b>3.4 (0.03)</b>	<b>100.0 (†)</b>			
White.....	197,487 (17.5)	189,591 (45.3)	96.0 (0.02)	7,896 (45.8)	4.0 (0.02)	18.1 (0.09)	37,487 (6.8)	37,079 (12.0)	98.9 (0.03)	409 (10.0)	1.1 (0.03)	16.3 (0.38)			
Black.....	39,809 (44.9)	36,149 (50.8)	90.8 (0.08)	3,660 (32.5)	9.2 (0.08)	8.4 (0.07)	9,919 (27.9)	9,644 (27.8)	97.2 (0.08)	275 (8.2)	2.8 (0.08)	11.0 (0.32)			
Hispanic.....	57,390 (10.3)	37,794 (70.1)	65.9 (0.12)	19,595 (69.8)	34.1 (0.12)	44.9 (0.10)	18,299 (11.0)	17,254 (20.0)	94.3 (0.09)	1,044 (16.7)	5.7 (0.09)	41.6 (0.52)			
Cuban.....	2,205 (28.3)	932 (19.1)	42.3 (0.59)	1,272 (19.1)	57.7 (0.59)	2.9 (0.04)	444 (10.5)	385 (10.4)	86.9 (0.85)	58 (3.9)	13.1 (0.85)	2.3 (0.15)			
Dominican.....	1,914 (30.5)	870 (19.7)	45.4 (0.59)	1,045 (18.1)	54.6 (0.59)	2.4 (0.04)	546 (15.5)	459 (12.5)	84.1 (0.92)	87 (6.2)	15.9 (0.92)	3.5 (0.25)			
Mexican.....	36,204 (64.6)	24,695 (64.7)	68.2 (0.14)	11,508 (55.8)	31.8 (0.14)	26.3 (0.10)	12,440 (34.1)	11,907 (35.7)	95.7 (0.10)	533 (11.9)	4.3 (0.10)	21.2 (0.41)			
Puerto Rican.....	5,506 (44.2)	5,418 (43.4)	98.4 (0.09)	88 (5.1)	1.6 (0.09)	0.2 (0.01)	1,726 (21.6)	1,721 (21.6)	99.7 (0.06)	5 (1.1)	0.3 (0.06)	0.2 (0.04)			
Spaniard.....	783 (17.6)	666 (15.9)	85.1 (0.65)	117 (5.7)	14.9 (0.65)	0.3 (0.01)	199 (9.2)	188 (9.0)	94.4 (1.14)	11 (2.3)	5.6 (1.14)	0.4 (0.09)			
Central American <sup>3</sup> .....	5,326 (53.7)	2,175 (29.3)	40.8 (0.31)	3,150 (34.0)	59.2 (0.31)	7.2 (0.07)	1,563 (23.3)	1,335 (21.5)	85.4 (0.47)	228 (8.1)	14.6 (0.47)	9.1 (0.31)			
Costa Rican.....	141 (7.1)	63 (3.7)	44.9 (1.82)	78 (5.1)	55.1 (1.82)	0.2 (0.01)	35 (2.8)	32 (2.7)	89.6 (2.66)	4 (1.0)	10.4 (2.66)	0.1 (0.04)			
Guatemalan.....	1,413 (28.3)	554 (14.8)	39.2 (0.61)	860 (18.3)	60.8 (0.61)	2.0 (0.04)	449 (13.0)	376 (12.6)	83.8 (0.92)	73 (4.1)	16.2 (0.92)	2.9 (0.16)			
Honduran.....	974 (24.4)	359 (12.6)	36.9 (0.68)	615 (14.9)	63.1 (0.68)	1.4 (0.03)	315 (11.7)	248 (10.7)	78.9 (1.21)	66 (4.1)	21.1 (1.21)	2.6 (0.16)			
Nicaraguan.....	413 (13.4)	179 (8.6)	43.3 (1.44)	234 (9.3)	56.7 (1.44)	0.5 (0.02)	99 (5.7)	91 (5.9)	91.7 (1.59)	8 (1.5)	8.3 (1.59)	0.3 (0.06)			
Panamanian.....	184 (8.0)	113 (6.0)	61.2 (1.56)	71 (3.9)	38.8 (1.56)	0.2 (0.01)	39 (3.1)	38 (3.1)	98.1 (0.72)	† (†)	1.9 (†)	# (†)			
Salvadoran.....	2,171 (34.8)	893 (19.7)	41.1 (0.57)	1,278 (23.1)	58.9 (0.57)	2.9 (0.05)	619 (13.5)	543 (13.1)	87.7 (0.72)	76 (4.6)	12.3 (0.72)	3.0 (0.18)			
South American.....	3,406 (40.8)	1,300 (22.4)	38.2 (0.45)	2,106 (28.7)	61.8 (0.45)	4.8 (0.07)	771 (16.6)	667 (15.5)	86.5 (0.68)	104 (5.6)	13.5 (0.68)	4.1 (0.22)			
Chilean.....	143 (6.1)	62 (4.6)	43.5 (2.16)	81 (3.9)	56.5 (2.16)	0.2 (0.01)	32 (3.1)	28 (3.1)	89.4 (2.75)	3 (0.8)	10.6 (2.75)	0.1 (0.03)			
Colombian.....	1,091 (19.2)	425 (12.1)	38.9 (0.77)	666 (13.3)	61.1 (0.77)	1.5 (0.03)	233 (8.8)	204 (8.4)	87.6 (1.24)	29 (3.0)	12.4 (1.24)	1.2 (0.12)			
Ecuadorian.....	695 (19.3)	286 (10.1)	41.2 (0.91)	409 (13.0)	58.8 (0.91)	0.9 (0.03)	179 (7.8)	163 (7.1)	90.9 (0.97)	16 (1.9)	9.1 (0.97)	0.6 (0.08)			
Peruvian.....	612 (17.7)	230 (9.2)	37.7 (0.88)	381 (11.5)	62.3 (0.88)	0.9 (0.03)	131 (6.7)	119 (6.5)	90.5 (1.48)	12 (2.0)	9.5 (1.48)	0.5 (0.08)			
Venezuelan.....	359 (14.4)	100 (5.6)	27.8 (1.31)	259 (12.2)	72.2 (1.31)	0.6 (0.03)	85 (5.1)	57 (3.8)	66.9 (2.94)	28 (3.2)	33.1 (2.94)	1.1 (0.13)			
Other South American.....	507 (16.5)	197 (9.3)	38.9 (1.08)	310 (10.4)	61.1 (1.08)	0.7 (0.02)	111 (7.0)	96 (6.5)	86.4 (1.88)	15 (2.3)	13.6 (1.88)	0.6 (0.09)			
Other Hispanic.....	2,047 (25.9)	1,738 (22.1)	84.9 (0.39)	308 (9.5)	15.1 (0.39)	0.7 (0.02)	610 (14.4)	592 (13.8)	97.0 (0.36)	18 (2.3)	3.0 (0.36)	0.7 (0.09)			
Asian.....	17,362 (29.7)	5,793 (31.8)	33.4 (0.17)	11,569 (34.4)	66.6 (0.17)	26.5 (0.08)	3,454 (14.8)	2,748 (17.4)	79.5 (0.35)	706 (12.2)	20.5 (0.35)	28.1 (0.42)			
Chinese <sup>4</sup> .....	4,216 (38.7)	1,288 (16.5)	30.5 (0.33)	2,929 (32.5)	69.5 (0.33)	6.7 (0.07)	749 (10.0)	577 (9.7)	77.1 (0.74)	171 (5.9)	22.9 (0.74)	6.8 (0.21)			
Filipino.....	2,708 (28.7)	920 (16.1)	34.0 (0.47)	1,789 (22.8)	66.0 (0.47)	4.1 (0.05)	422 (9.4)	340 (9.3)	80.5 (1.00)	82 (4.3)	19.5 (1.00)	3.3 (0.17)			
Japanese.....	765 (14.4)	445 (9.6)	58.2 (0.84)	320 (9.6)	41.8 (0.84)	0.7 (0.02)	73 (4.3)	52 (3.7)	71.0 (2.69)	21 (2.3)	29.0 (2.69)	0.8 (0.09)			
Korean.....	1,447 (23.5)	410 (11.0)	28.3 (0.51)	1,037 (16.7)	71.7 (0.51)	2.4 (0.04)	230 (8.0)	169 (6.2)	73.5 (1.50)	61 (4.4)	26.5 (1.50)	2.4 (0.17)			

See notes at end of table.

**Table 101.30. Number, percentage, and percentage distribution of total resident population and population under 18 years old, by nativity, race/ethnicity, and selected racial/ethnic subgroups: 2005, 2010, and 2016—Continued**

[Numbers in thousands. Standard errors appear in parentheses]

Year and race/ethnicity	Total, all ages							Under 18 years old						
	Total number	U.S.-born <sup>1</sup>		Foreign-born			Total number	U.S.-born <sup>1</sup>		Foreign-born				
		Number	Percent	Number	Percent	Percentage distribution		Number	Percent	Number	Percent	Percentage distribution		
1	2	3	4	5	6	7	8	9	10	11	12	13		
South Asian <sup>5</sup> .....	4,686 (41.0)	1,339 (17.2)	28.6 (0.25)	3,347 (30.7)	71.4 (0.25)	7.7 (0.07)	1,123 (14.4)	879 (13.1)	78.3 (0.58)	244 (7.1)	21.7 (0.58)	9.7 (0.28)		
Asian Indian.....	3,832 (36.8)	1,104 (14.5)	28.8 (0.27)	2,729 (28.7)	71.2 (0.27)	6.2 (0.07)	903 (12.5)	716 (10.8)	79.3 (0.59)	187 (6.2)	20.7 (0.59)	7.5 (0.24)		
Bangladeshi.....	177 (9.8)	45 (3.6)	25.5 (1.46)	132 (7.8)	74.5 (1.46)	0.3 (0.02)	46 (3.6)	35 (3.2)	75.3 (3.73)	11 (1.9)	24.7 (3.73)	0.5 (0.08)		
Bhutanese.....	29 (4.2)	6.6 (1.40)	22.6 (3.75)	23 (3.5)	77.4 (3.75)	0.1 (0.01)	7.8 (1.35)	5.0 (0.98)	64.2 (7.98)	‡ (†)	35.8 (7.98)	0.1 (0.03)		
Nepalese.....	144 (9.6)	21 (2.5)	14.5 (1.22)	123 (8.0)	85.5 (1.22)	0.3 (0.02)	32 (3.5)	17 (2.1)	52.6 (3.68)	15 (2.1)	47.4 (3.68)	0.6 (0.08)		
Pakistani.....	459 (17.1)	153 (6.9)	33.4 (0.86)	306 (12.0)	66.6 (0.86)	0.7 (0.03)	125 (6.1)	100 (5.3)	80.1 (1.69)	25 (2.4)	19.9 (1.69)	1.0 (0.10)		
Southeast Asian.....	2,956 (36.4)	1,040 (16.3)	35.2 (0.34)	1,916 (25.5)	64.8 (0.34)	4.4 (0.06)	647 (11.6)	538 (9.5)	83.3 (0.65)	108 (5.1)	16.7 (0.65)	4.3 (0.20)		
Burmese.....	160 (11.1)	27 (2.5)	17.0 (1.23)	132 (9.6)	83.0 (1.23)	0.3 (0.02)	57 (4.5)	24 (2.2)	41.7 (3.17)	33 (3.5)	58.3 (3.17)	1.3 (0.14)		
Cambodian.....	256 (10.9)	113 (6.3)	44.3 (1.37)	143 (6.6)	55.7 (1.37)	0.3 (0.02)	57 (4.6)	52 (4.4)	90.2 (2.51)	6 (1.5)	9.8 (2.51)	0.2 (0.06)		
Hmong.....	273 (11.8)	175 (8.1)	64.0 (1.20)	98 (5.5)	36.0 (1.20)	0.2 (0.01)	94 (5.1)	89 (5.0)	94.9 (1.67)	5 ! (1.6)	5.1 ! (1.67)	0.2 ! (0.06)		
Laotian.....	193 (9.3)	80 (5.0)	41.7 (1.57)	112 (6.2)	58.3 (1.57)	0.3 (0.01)	32 (2.7)	31 (2.8)	96.0 (1.71)	‡ (†)	4.0 ! (1.71)	0.1 ! (0.02)		
Thai.....	197 (8.1)	44 (3.5)	22.6 (1.61)	152 (7.3)	77.4 (1.61)	0.3 (0.02)	22 (2.4)	15 (1.8)	69.8 (4.81)	7 (1.4)	30.2 (4.81)	0.3 (0.05)		
Vietnamese.....	1,785 (26.7)	575 (10.4)	32.2 (0.38)	1,210 (19.9)	67.8 (0.38)	2.8 (0.05)	366 (8.2)	313 (6.8)	85.6 (0.79)	53 (3.4)	14.4 (0.79)	2.1 (0.14)		
Other Southeast Asian <sup>6</sup> .....	92 (6.8)	24 (2.5)	26.4 (1.98)	68 (5.5)	73.6 (1.98)	0.2 (0.01)	19 (2.6)	15 (2.0)	77.6 (5.73)	4 ! (1.4)	22.4 (5.73)	0.2 ! (0.06)		
Other Asian.....	584 (15.0)	352 (9.5)	60.3 (0.95)	232 (9.0)	39.7 (0.95)	0.5 (0.02)	211 (8.0)	193 (7.3)	91.2 (0.98)	18 (2.3)	8.8 (0.98)	0.7 (0.09)		
Pacific Islander.....	533 (8.3)	414 (8.0)	77.7 (1.13)	119 (6.6)	22.3 (1.13)	0.3 (0.01)	132 (3.6)	124 (3.5)	93.4 (0.90)	9 (1.2)	6.6 (0.90)	0.3 (0.05)		
American Indian/ Alaska Native.....	2,117 (16.5)	2,094 (16.5)	98.9 (0.10)	23 (2.2)	1.1 (0.10)	0.1 (#)	562 (7.7)	561 (7.7)	99.7 (0.07)	‡ (†)	0.3 (0.07)	0.1 (0.02)		
Some other race <sup>2</sup> .....	741 (16.5)	502 (12.5)	67.7 (1.04)	239 (10.1)	32.3 (1.04)	0.5 (0.02)	247 (7.8)	233 (7.6)	94.4 (0.70)	14 (1.8)	5.6 (0.70)	0.5 (0.07)		
Two or more races.....	7,689 (56.7)	7,108 (54.1)	92.5 (0.16)	580 (12.6)	7.5 (0.16)	1.3 (0.03)	3,451 (29.8)	3,399 (29.2)	98.5 (0.12)	53 (4.1)	1.5 (0.12)	2.1 (0.16)		
White and Black.....	2,354 (30.9)	2,315 (31.0)	98.3 (0.13)	39 (3.1)	1.7 (0.13)	0.1 (0.01)	1,458 (20.8)	1,454 (20.7)	99.8 (0.05)	‡ (†)	0.2 (0.05)	0.1 (0.03)		
White and Asian.....	1,967 (22.9)	1,692 (19.6)	86.0 (0.40)	276 (9.0)	14.0 (0.40)	0.6 (0.02)	962 (13.2)	926 (12.7)	96.3 (0.33)	36 (3.2)	3.7 (0.33)	1.4 (0.13)		
White and American Indian/ Alaska Native.....	1,510 (17.4)	1,503 (17.4)	99.5 (0.07)	7 (1.1)	0.5 (0.07)	# (†)	369 (8.9)	369 (8.9)	100.0 (0.03)	‡ (†)	‡ (†)	‡ (†)		
Other Two or more races.....	1,858 (25.6)	1,599 (22.7)	86.1 (0.39)	259 (8.3)	13.9 (0.39)	0.6 (0.02)	663 (12.7)	649 (12.5)	97.9 (0.31)	14 (2.1)	2.1 (0.31)	0.5 (0.08)		

—Not available.

†Not applicable.

#Rounds to zero.

!Interpret data with caution. The coefficient of variation (CV) for this estimate is between 30 and 50 percent.

‡Reporting standards not met. Either there are too few cases for a reliable estimate or the coefficient of variation (CV) is 50 percent or greater.

<sup>1</sup>Includes those born in the 50 states, the District of Columbia, Puerto Rico, American Samoa, Guam, the U.S. Virgin Islands, and the Northern Marianas, as well as those born abroad to U.S.-citizen parents.

<sup>2</sup>Respondents who wrote in some other race that was not included as an option on the questionnaire.

<sup>3</sup>Includes other Central American subgroups not shown separately.

<sup>4</sup>Includes Taiwanese.

<sup>5</sup>In addition to the subgroups shown, also includes Sri Lankan.

<sup>6</sup>Consists of Indonesian and Malaysian.

NOTE: Resident population includes civilian population and armed forces personnel residing within the United States; it excludes armed forces personnel residing overseas. Data are from the American Community Survey and may differ from data shown in other tables obtained from the Current Population Survey. Race categories exclude persons of Hispanic ethnicity. Detail may not sum to totals because of rounding.

SOURCE: U.S. Department of Commerce, Census Bureau, American Community Survey (ACS), 2005, 2010, and 2016. (This table was prepared January 2018.)

**Table 101.40. Estimated total and school-age resident populations, by state: Selected years, 1970 through 2016**  
[In thousands]

State	Total, all ages								5- to 17-year-olds							
	1970 <sup>1</sup>	1980 <sup>1</sup>	1990 <sup>1</sup>	2000 <sup>2</sup>	2010 <sup>2</sup>	2014 <sup>2</sup>	2015 <sup>2</sup>	2016 <sup>2</sup>	1970 <sup>1</sup>	1980 <sup>1</sup>	1990 <sup>1</sup>	2000 <sup>2</sup>	2010 <sup>2</sup>	2014 <sup>2</sup>	2015 <sup>2</sup>	2016 <sup>2</sup>
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
<b>United States</b> .....	<b>203,302</b>	<b>226,546</b>	<b>248,765</b>	<b>282,162</b>	<b>309,348</b>	<b>318,563</b>	<b>320,897</b>	<b>323,128</b>	<b>52,540</b>	<b>47,407</b>	<b>45,178</b>	<b>53,198</b>	<b>53,934</b>	<b>53,700</b>	<b>53,704</b>	<b>53,715</b>
Alabama .....	3,444	3,894	4,040	4,452	4,785	4,843	4,854	4,863	934	866	774	828	826	811	808	804
Alaska .....	303	402	550	628	714	737	738	742	88	92	117	143	134	132	132	133
Arizona .....	1,775	2,718	3,665	5,161	6,408	6,720	6,818	6,931	486	578	686	989	1,173	1,186	1,188	1,192
Arkansas .....	1,923	2,286	2,351	2,679	2,922	2,967	2,978	2,988	498	496	455	500	514	516	515	515
California .....	19,971	23,668	29,786	33,988	37,333	38,681	38,994	39,250	4,999	4,681	5,344	6,775	6,751	6,635	6,614	6,605
Colorado .....	2,210	2,890	3,294	4,327	5,049	5,350	5,449	5,541	589	592	607	808	883	911	919	924
Connecticut .....	3,032	3,108	3,287	3,412	3,580	3,592	3,585	3,576	768	638	520	619	613	585	576	568
Delaware .....	548	594	666	786	900	935	944	952	148	125	114	143	150	148	149	149
District of Columbia .....	757	638	607	572	605	659	670	681	164	109	80	82	68	72	75	77
Florida .....	6,791	9,746	12,938	16,048	18,849	19,889	20,245	20,612	1,609	1,789	2,011	2,709	2,926	2,965	2,989	3,021
Georgia .....	4,588	5,463	6,478	8,227	9,714	10,087	10,199	10,310	1,223	1,231	1,230	1,581	1,805	1,831	1,842	1,851
Hawaii .....	770	965	1,108	1,214	1,364	1,416	1,425	1,429	204	198	196	217	216	216	217	216
Idaho .....	713	944	1,007	1,299	1,571	1,634	1,653	1,683	200	213	228	272	308	317	319	322
Illinois .....	11,110	11,427	11,431	12,434	12,842	12,868	12,839	12,802	2,859	2,401	2,095	2,369	2,289	2,200	2,178	2,154
Indiana .....	5,195	5,490	5,544	6,092	6,491	6,595	6,613	6,633	1,386	1,200	1,056	1,152	1,173	1,161	1,158	1,153
Iowa .....	2,825	2,914	2,777	2,929	3,051	3,108	3,122	3,135	743	604	525	544	526	531	532	531
Kansas .....	2,249	2,364	2,478	2,694	2,859	2,899	2,907	2,907	573	468	472	525	522	523	522	521
Kentucky .....	3,221	3,661	3,687	4,049	4,349	4,413	4,425	4,437	844	800	703	730	741	738	736	735
Louisiana .....	3,645	4,206	4,222	4,472	4,545	4,648	4,669	4,682	1,041	969	891	902	804	806	805	803
Maine .....	994	1,125	1,228	1,277	1,328	1,331	1,329	1,331	260	243	223	231	204	194	192	190
Maryland .....	3,924	4,217	4,781	5,311	5,789	5,967	5,995	6,016	1,038	895	803	1,004	987	980	979	982
Massachusetts .....	5,689	5,737	6,016	6,361	6,566	6,750	6,784	6,812	1,407	1,153	940	1,104	1,050	1,027	1,022	1,017
Michigan .....	8,882	9,262	9,295	9,952	9,877	9,916	9,918	9,928	2,450	2,067	1,754	1,924	1,740	1,653	1,634	1,617
Minnesota .....	3,806	4,076	4,376	4,934	5,311	5,453	5,482	5,520	1,051	865	829	958	928	932	933	936
Mississippi .....	2,217	2,521	2,575	2,848	2,970	2,992	2,989	2,989	635	599	550	571	544	539	536	533
Missouri .....	4,678	4,917	5,117	5,607	5,996	6,061	6,076	6,093	1,183	1,008	944	1,059	1,034	1,018	1,016	1,013
Montana .....	694	787	799	904	991	1,023	1,032	1,043	197	167	163	175	161	163	164	165
Nebraska .....	1,485	1,570	1,578	1,714	1,830	1,881	1,894	1,907	389	324	309	333	328	337	339	341
Nevada .....	489	800	1,202	2,019	2,703	2,833	2,884	2,940	127	160	204	369	477	483	488	493
New Hampshire .....	738	921	1,109	1,240	1,317	1,329	1,330	1,335	189	196	194	235	216	202	199	196
New Jersey .....	7,171	7,365	7,748	8,431	8,804	8,925	8,935	8,944	1,797	1,528	1,269	1,526	1,522	1,481	1,471	1,463
New Mexico .....	1,017	1,303	1,515	1,821	2,065	2,083	2,080	2,081	311	303	320	378	374	367	365	362
New York .....	18,241	17,558	17,991	19,002	19,403	19,719	19,747	19,745	4,358	3,552	3,000	3,451	3,161	3,048	3,033	3,021
North Carolina .....	5,084	5,882	6,632	8,082	9,559	9,934	10,035	10,147	1,323	1,254	1,147	1,429	1,651	1,682	1,688	1,692
North Dakota .....	618	653	639	642	675	740	757	758	175	136	127	121	106	117	120	121
Ohio .....	10,657	10,798	10,847	11,364	11,541	11,594	11,605	11,614	2,820	2,307	2,012	2,133	2,005	1,944	1,930	1,914
Oklahoma .....	2,559	3,025	3,146	3,454	3,760	3,877	3,907	3,924	640	622	609	656	667	688	693	695
Oregon .....	2,092	2,633	2,842	3,430	3,838	3,968	4,025	4,093	534	525	521	624	628	628	630	633
Pennsylvania .....	11,801	11,864	11,883	12,284	12,712	12,791	12,792	12,784	2,925	2,376	1,996	2,192	2,057	1,988	1,975	1,963
Rhode Island .....	950	947	1,003	1,050	1,053	1,054	1,056	1,056	225	186	159	184	166	157	155	154
South Carolina .....	2,591	3,122	3,486	4,024	4,636	4,828	4,895	4,961	720	703	662	746	778	793	800	804
South Dakota .....	666	691	696	756	816	853	858	865	187	147	144	152	143	149	150	152
Tennessee .....	3,926	4,591	4,877	5,704	6,357	6,545	6,595	6,651	1,002	972	882	1,025	1,088	1,093	1,094	1,094
Texas .....	11,199	14,229	16,986	20,944	25,244	26,945	27,430	27,863	3,002	3,137	3,437	4,278	4,947	5,161	5,222	5,275
Utah .....	1,059	1,461	1,723	2,245	2,775	2,942	2,991	3,051	312	350	457	511	610	651	660	668
Vermont .....	445	511	563	610	626	627	626	625	118	109	102	113	97	91	89	88
Virginia .....	4,651	5,347	6,189	7,106	8,026	8,317	8,368	8,412	1,197	1,114	1,060	1,281	1,345	1,356	1,357	1,360
Washington .....	3,413	4,132	4,867	5,911	6,743	7,054	7,160	7,288	881	826	893	1,121	1,141	1,155	1,163	1,174
West Virginia .....	1,744	1,950	1,793	1,807	1,854	1,849	1,841	1,831	442	414	337	300	283	278	276	274
Wisconsin .....	4,418	4,706	4,892	5,374	5,690	5,758	5,768	5,779	1,203	1,011	927	1,027	979	960	956	951
Wyoming .....	332	470	454	494	565	584	587	586	92	101	101	98	95	100	101	101

<sup>1</sup>As of April 1.

<sup>2</sup>As of July 1.

NOTE: Resident population includes civilian population and armed forces personnel residing within the United States and within each state; it excludes armed forces personnel residing overseas. Some data have been revised from previously published figures. Detail may not sum to totals because of rounding.

SOURCE: U.S. Department of Commerce, Census Bureau, Current Population Reports, Series P-25, No. 1095; CPH-L-74 (1990 data); 2000 through 2009 Population Estimates, retrieved August 17, 2012, from <http://www.census.gov/popest/data/state/asrh/2011/index.html>; and 2010 through 2016 Population Estimates, retrieved September 5, 2017, from <https://www.census.gov/data/datasets/2016/demo/popest/state-detail.html>. (This table was prepared September 2017.)

**Table 102.10. Number and percentage distribution of family households, by family structure and presence of own children under 18: Selected years, 1970 through 2016**  
[Standard errors appear in parentheses]

Family structure and presence of own children	1970	1980	1990	2000	2010	2013	2014	2015	2016	Change, 2000 to 2010	Change, 2010 to 2016
1	2	3	4	5	6	7	8	9	10	11	12
	Number (in thousands)									Percent change	
<b>All families</b> .....	<b>51,456 (257.3)</b>	<b>59,550 (271.4)</b>	<b>66,090 (307.8)</b>	<b>72,025 (311.6)</b>	<b>78,833 (241.0)</b>	<b>80,902 (242.8)</b>	<b>81,353 (311.8)</b>	<b>81,716 (267.6)</b>	<b>82,184 (268.0)</b>	<b>9.5 (0.58)</b>	<b>4.3 (0.47)</b>
Married-couple families .....	44,728 (243.6)	49,112 (252.7)	52,317 (283.3)	55,311 (289.5)	58,410 (218.6)	59,204 (219.7)	59,629 (281.1)	60,010 (243.1)	60,251 (243.5)	5.6 (0.68)	3.2 (0.57)
Without own children under 18 .....	19,196 (168.7)	24,151 (187.3)	27,780 (218.1)	30,062 (230.5)	33,835 (176.1)	35,333 (179.4)	35,697 (229.0)	35,970 (199.4)	36,480 (200.6)	12.6 (1.04)	7.8 (0.82)
With own children under 18 .....	25,532 (192.0)	24,961 (190.1)	24,537 (206.4)	25,248 (214.1)	24,575 (153.1)	23,870 (151.1)	23,933 (191.9)	24,040 (167.3)	23,772 (166.5)	-2.7 ! (1.02)	-3.3 (0.91)
One own child under 18 .....	8,163 (112.5)	9,671 (122.0)	9,583 (133.0)	9,402 (136.2)	9,567 (98.5)	9,157 (96.4)	9,298 (123.0)	9,163 (106.6)	9,131 (106.4)	† (†)	-4.6 ! (1.48)
Two own children under 18 .....	8,045 (111.7)	9,488 (120.9)	9,784 (134.3)	10,274 (142.1)	9,658 (98.9)	9,597 (98.6)	9,536 (124.5)	9,662 (109.3)	9,581 (108.9)	-6.0 (1.62)	† (†)
Three or more own children under 18 .....	9,325 (119.9)	5,802 (95.3)	5,170 (98.5)	5,572 (105.9)	5,351 (74.3)	5,117 (72.7)	5,099 (91.8)	5,215 (81.0)	5,061 (79.8)	† (†)	-5.4 ! (1.99)
Families with male householder, no spouse present .....	1,228 (44.2)	1,733 (52.5)	2,884 (73.9)	4,028 (90.4)	5,580 (75.8)	6,229 (80.0)	6,304 (101.8)	6,162 (87.9)	6,310 (88.9)	38.5 (3.63)	13.1 (2.21)
Without own children under 18 .....	887 (37.6)	1,117 (42.2)	1,731 (57.4)	2,242 (67.7)	3,356 (59.0)	3,669 (61.7)	3,832 (79.8)	3,774 (69.1)	3,838 (69.7)	49.7 (5.23)	14.4 (2.89)
With own children under 18 .....	341 (23.3)	616 (31.3)	1,153 (46.9)	1,786 (60.5)	2,224 (48.2)	2,560 (51.6)	2,472 (64.2)	2,388 (55.1)	2,472 (56.1)	24.5 (5.01)	11.2 ! (3.49)
One own child under 18 .....	179 (16.9)	374 (24.4)	723 (37.2)	1,131 (48.2)	1,375 (37.9)	1,482 (39.4)	1,445 (49.2)	1,433 (42.8)	1,487 (43.6)	21.6 (6.17)	† (†)
Two own children under 18 .....	87 (11.8)	165 (16.2)	307 (24.2)	483 (31.6)	576 (24.6)	766 (28.3)	731 (35.0)	653 (28.9)	663 (29.2)	19.3 ! (9.31)	15.1 ! (7.05)
Three or more own children under 18 .....	75 (10.9)	77 (11.1)	123 (15.3)	171 (18.8)	273 (16.9)	312 (18.1)	296 (22.3)	302 (19.7)	322 (20.3)	59.6 ! (20.15)	† (†)
Families with female householder, no spouse present .....	5,500 (92.8)	8,705 (116.0)	10,890 (141.4)	12,687 (156.9)	14,843 (121.4)	15,469 (123.8)	15,420 (156.6)	15,544 (137.0)	15,622 (137.3)	17.0 (1.73)	5.2 (1.26)
Without own children under 18 .....	2,642 (64.7)	3,261 (71.8)	4,290 (89.9)	5,116 (101.6)	6,424 (81.2)	6,842 (83.7)	6,870 (106.2)	6,993 (93.5)	7,097 (94.2)	25.6 (2.96)	10.5 (2.02)
With own children under 18 .....	2,858 (67.2)	5,445 (92.3)	6,599 (111.0)	7,571 (122.8)	8,419 (92.6)	8,627 (93.7)	8,550 (118.1)	8,551 (103.1)	8,525 (102.9)	11.2 (2.18)	† (†)
One own child under 18 .....	1,008 (40.1)	2,398 (61.6)	3,225 (78.1)	3,777 (87.6)	4,207 (66.0)	4,144 (65.5)	4,167 (83.1)	4,192 (72.8)	4,173 (72.6)	11.4 (3.12)	† (†)
Two own children under 18 .....	810 (35.9)	1,817 (53.7)	2,173 (64.2)	2,458 (70.9)	2,714 (53.2)	2,825 (54.2)	2,778 (68.0)	2,844 (60.1)	2,794 (59.6)	10.4 ! (3.85)	† (†)
Three or more own children under 18 .....	1,040 (40.7)	1,230 (44.2)	1,202 (47.9)	1,336 (52.4)	1,499 (39.6)	1,658 (41.6)	1,605 (51.8)	1,515 (44.0)	1,557 (44.6)	12.2 ! (5.31)	† (†)
	Percentage distribution of all families									Change in percentage points	
<b>All families</b> .....	<b>100.0 (†)</b>	<b>100.0 (†)</b>	<b>100.0 (†)</b>	<b>100.0 (†)</b>	<b>100.0 (†)</b>	<b>100.0 (†)</b>	<b>100.0 (†)</b>	<b>100.0 (†)</b>	<b>100.0 (†)</b>	<b>† (†)</b>	<b>† (†)</b>
Married-couple families .....	86.9 (0.19)	82.5 (0.20)	79.2 (0.22)	76.8 (0.23)	74.1 (0.16)	73.2 (0.16)	73.3 (0.20)	73.4 (0.18)	73.3 (0.17)	-2.7 (0.28)	-0.8 ! (0.24)
Without own children under 18 .....	37.3 (0.27)	40.6 (0.25)	42.0 (0.27)	41.7 (0.26)	42.9 (0.18)	43.7 (0.18)	43.9 (0.23)	44.0 (0.20)	44.4 (0.20)	1.2 (0.32)	1.5 (0.27)
With own children under 18 .....	49.6 (0.28)	41.9 (0.26)	37.1 (0.26)	35.1 (0.26)	31.2 (0.17)	29.5 (0.16)	29.4 (0.21)	29.4 (0.18)	28.9 (0.18)	-3.9 (0.31)	-2.2 (0.25)
One own child under 18 .....	15.9 (0.20)	16.2 (0.19)	14.5 (0.19)	13.1 (0.18)	12.1 (0.12)	11.3 (0.11)	11.4 (0.14)	11.2 (0.13)	11.1 (0.12)	-0.9 (0.22)	-1.0 (0.17)
Two own children under 18 .....	15.6 (0.20)	15.9 (0.19)	14.8 (0.19)	14.3 (0.19)	12.3 (0.12)	11.9 (0.12)	11.7 (0.15)	11.8 (0.13)	11.7 (0.13)	-2.0 (0.22)	-0.6 (0.17)
Three or more own children under 18 .....	18.1 (0.21)	9.7 (0.15)	7.8 (0.14)	7.7 (0.14)	6.8 (0.09)	6.3 (0.09)	6.3 (0.11)	6.4 (0.10)	6.2 (0.10)	-0.9 (0.17)	-0.6 (0.13)
Families with male householder, no spouse present .....	2.4 (0.09)	2.9 (0.09)	4.4 (0.11)	5.6 (0.12)	7.1 (0.09)	7.7 (0.10)	7.7 (0.12)	7.5 (0.10)	7.7 (0.11)	1.5 (0.15)	0.6 (0.14)
Without own children under 18 .....	1.7 (0.07)	1.9 (0.07)	2.6 (0.09)	3.1 (0.09)	4.3 (0.07)	4.5 (0.08)	4.7 (0.10)	4.6 (0.08)	4.7 (0.08)	1.1 (0.12)	0.4 (0.11)
With own children under 18 .....	0.7 (0.05)	1.0 (0.05)	1.7 (0.07)	2.5 (0.08)	2.8 (0.06)	3.2 (0.06)	3.0 (0.08)	2.9 (0.07)	3.0 (0.07)	0.3 ! (0.10)	0.2 ! (0.09)
One own child under 18 .....	0.3 (0.03)	0.6 (0.04)	1.1 (0.06)	1.6 (0.07)	1.7 (0.05)	1.8 (0.05)	1.8 (0.06)	1.8 (0.05)	1.8 (0.05)	0.2 ! (0.08)	† (†)
Two own children under 18 .....	0.2 (0.02)	0.3 (0.03)	0.5 (0.04)	0.7 (0.04)	0.7 (0.03)	0.9 (0.03)	0.9 (0.04)	0.8 (0.04)	0.8 (0.04)	† (†)	† (†)
Three or more own children under 18 .....	0.1 (0.02)	0.1 (0.02)	0.2 (0.02)	0.2 (0.03)	0.3 (0.02)	0.4 (0.02)	0.4 (0.03)	0.4 (0.02)	0.4 (0.02)	0.1 ! (0.03)	† (†)
Families with female householder, no spouse present .....	10.7 (0.17)	14.6 (0.18)	16.5 (0.20)	17.6 (0.20)	18.8 (0.14)	19.1 (0.14)	19.0 (0.18)	19.0 (0.16)	19.0 (0.16)	1.2 (0.25)	† (†)
Without own children under 18 .....	5.1 (0.12)	5.5 (0.12)	6.5 (0.13)	7.1 (0.14)	8.1 (0.10)	8.5 (0.10)	8.4 (0.13)	8.6 (0.11)	8.6 (0.11)	1.0 (0.17)	0.5 ! (0.15)
With own children under 18 .....	5.6 (0.13)	9.1 (0.15)	10.0 (0.16)	10.5 (0.16)	10.7 (0.11)	10.7 (0.11)	10.5 (0.14)	10.5 (0.12)	10.4 (0.12)	† (†)	† (†)
One own child under 18 .....	2.0 (0.08)	4.0 (0.10)	4.9 (0.12)	5.2 (0.12)	5.3 (0.08)	5.1 (0.08)	5.1 (0.10)	5.1 (0.09)	5.1 (0.09)	† (†)	-0.3 ! (0.12)
Two own children under 18 .....	1.6 (0.07)	3.1 (0.09)	3.3 (0.10)	3.4 (0.10)	3.4 (0.07)	3.5 (0.07)	3.4 (0.08)	3.5 (0.07)	3.4 (0.07)	† (†)	† (†)
Three or more own children under 18 .....	2.0 (0.08)	2.1 (0.07)	1.8 (0.07)	1.9 (0.07)	1.9 (0.05)	2.0 (0.05)	2.0 (0.06)	1.9 (0.05)	1.9 (0.05)	† (†)	† (†)

†Not applicable.  
 ‡Interpret data with caution. The coefficient of variation (CV) for this estimate is between 30 and 50 percent.  
 †Reporting standards not met. The coefficient of variation (CV) for this estimate is 50 percent or greater.  
 NOTE: A family household consists of two or more people who are related by birth, marriage, or adoption and are residing together. Own children are never-married sons and daughters, including stepchildren and adopted children, of the householder or married couple. Detail may not sum to totals because of rounding.

SOURCE: U.S. Department of Commerce, Census Bureau, Current Population Reports, Series P20, *Household and Family Characteristics*, 1994 and 1995; and Current Population Survey (CPS), Annual Social and Economic Supplement, *America's Families and Living Arrangements* (F table series), 2000 and 2010–2016. 2016 data retrieved May 15, 2017, from <https://www.census.gov/data/tables/2016/demo/families/cps-2016.html>. (This table was prepared May 2017.)

**Table 102.20. Number and percentage distribution of children under age 18 and under age 6, by living arrangements, race/ethnicity, and selected racial/ethnic subgroups: 2016**

[Standard errors appear in parentheses]

Age and race/ethnicity	Number of children (in thousands)		Percentage distribution of children		Percentage distribution of children, by living arrangements							
					Total	Children living with parent(s) or related to householder <sup>1</sup>			All other children <sup>2</sup>			
						Married-couple household	Female householder, no spouse present	Male householder, no spouse present				
1	2	3	4	5	6	7	8					
<b>Under 18 years old</b>												
<b>Total</b>	<b>73,551 (25.6)</b>	<b>100.0 (†)</b>	<b>100.0 (†)</b>	<b>63.4 (0.12)</b>	<b>26.7 (0.10)</b>	<b>7.9 (0.06)</b>	<b>2.1 (0.03)</b>					
White	37,487 (6.8)	51.0 (0.02)	100.0 (†)	73.5 (0.15)	17.3 (0.12)	7.2 (0.07)	2.0 (0.04)					
Black	9,919 (27.9)	13.5 (0.04)	100.0 (†)	33.0 (0.34)	56.0 (0.36)	8.5 (0.19)	2.5 (0.07)					
Hispanic	18,299 (11.0)	24.9 (0.01)	100.0 (†)	57.1 (0.24)	31.5 (0.22)	9.5 (0.14)	1.9 (0.06)					
Cuban	444 (10.5)	0.6 (0.01)	100.0 (†)	59.7 (1.20)	29.9 (1.10)	8.7 (0.78)	1.8 (0.35)					
Dominican	546 (15.5)	0.7 (0.02)	100.0 (†)	45.3 (1.32)	45.3 (1.37)	8.0 (0.69)	1.4 (0.23)					
Mexican	12,440 (34.1)	16.9 (0.04)	100.0 (†)	58.7 (0.31)	30.0 (0.26)	9.5 (0.18)	1.8 (0.07)					
Puerto Rican	1,726 (21.6)	2.3 (0.03)	100.0 (†)	44.5 (0.79)	44.8 (0.75)	8.5 (0.40)	2.3 (0.19)					
Spaniard	199 (9.2)	0.3 (0.01)	100.0 (†)	69.0 (2.26)	21.9 (2.15)	7.0 (0.91)	2.1 (0.60)					
Central American <sup>3</sup>	1,563 (23.3)	2.1 (0.03)	100.0 (†)	55.3 (0.93)	29.5 (0.82)	12.4 (0.49)	2.8 (0.23)					
Costa Rican	35 (2.8)	# (†)	100.0 (†)	62.1 (5.21)	30.9 (4.92)	6.1 ! (2.43)	† (†)					
Guatemalan	449 (13.0)	0.6 (0.02)	100.0 (†)	57.9 (1.44)	25.8 (1.22)	13.2 (0.99)	3.0 (0.38)					
Honduran	315 (11.7)	0.4 (0.02)	100.0 (†)	48.4 (1.86)	35.2 (1.73)	12.8 (1.46)	3.7 (0.52)					
Nicaraguan	99 (5.7)	0.1 (0.01)	100.0 (†)	54.4 (3.25)	33.1 (3.03)	11.2 (2.23)	1.3 ! (0.40)					
Panamanian	39 (3.1)	0.1 (#)	100.0 (†)	57.5 (4.70)	33.1 (4.11)	8.4 ! (2.60)	† (†)					
Salvadoran	619 (13.5)	0.8 (0.02)	100.0 (†)	56.4 (1.36)	28.4 (1.17)	12.5 (0.82)	2.7 (0.37)					
South American	771 (16.6)	1.0 (0.02)	100.0 (†)	66.9 (0.88)	23.5 (0.90)	8.0 (0.56)	1.5 (0.23)					
Chilean	32 (3.1)	# (†)	100.0 (†)	84.9 (3.01)	7.1 ! (2.37)	6.2 ! (2.03)	† (†)					
Colombian	233 (8.8)	0.3 (0.01)	100.0 (†)	66.5 (1.47)	24.1 (1.48)	7.8 (1.01)	1.6 (0.40)					
Ecuadorian	179 (7.8)	0.2 (0.01)	100.0 (†)	62.7 (1.98)	25.0 (1.80)	10.9 (1.28)	1.4 ! (0.43)					
Peruvian	131 (6.7)	0.2 (0.01)	100.0 (†)	60.6 (2.83)	31.0 (2.82)	7.1 (1.22)	1.2 ! (0.46)					
Venezuelan	85 (5.1)	0.1 (0.01)	100.0 (†)	75.3 (2.50)	15.9 (1.96)	6.8 (1.72)	2.0 ! (0.70)					
Other South American	111 (7.0)	0.2 (0.01)	100.0 (†)	70.8 (2.60)	21.5 (2.38)	6.3 (1.25)	1.4 ! (0.53)					
Other Hispanic	610 (14.4)	0.8 (0.02)	100.0 (†)	55.9 (1.19)	31.3 (1.13)	9.1 (0.62)	3.7 (0.34)					
Asian	3,454 (14.8)	4.7 (0.02)	100.0 (†)	83.7 (0.34)	10.4 (0.27)	4.4 (0.19)	1.5 (0.09)					
Chinese <sup>4</sup>	749 (10.0)	1.0 (0.01)	100.0 (†)	82.7 (0.63)	11.2 (0.50)	3.8 (0.34)	2.2 (0.23)					
Filipino	422 (9.4)	0.6 (0.01)	100.0 (†)	76.8 (1.01)	15.2 (0.76)	6.4 (0.72)	1.6 (0.24)					
Japanese	73 (4.3)	0.1 (0.01)	100.0 (†)	85.6 (1.79)	7.0 (1.29)	4.6 (1.35)	2.8 (0.62)					
Korean	230 (8.0)	0.3 (0.01)	100.0 (†)	86.7 (1.17)	8.3 (0.89)	2.7 (0.63)	2.3 (0.47)					
South Asian <sup>5</sup>	1,123 (14.4)	1.5 (0.02)	100.0 (†)	92.5 (0.45)	4.6 (0.35)	2.4 (0.23)	0.4 (0.08)					
Asian Indian	903 (12.5)	1.2 (0.02)	100.0 (†)	93.1 (0.46)	4.1 (0.35)	2.4 (0.25)	0.4 (0.07)					
Bangladeshi	46 (3.6)	0.1 (#)	100.0 (†)	88.9 (2.72)	8.1 ! (2.60)	2.8 ! (1.22)	† (†)					
Bhutanese	8 (1.4)	# (†)	100.0 (†)	93.4 (4.04)	† (†)	† (†)	† (†)					
Nepalese	32 (3.5)	# (†)	100.0 (†)	91.2 (2.66)	6.4 ! (2.64)	2.4 ! (1.11)	† (†)					
Pakistani	125 (6.1)	0.2 (0.01)	100.0 (†)	90.0 (1.47)	6.8 (1.20)	2.5 (0.67)	† (†)					
Southeast Asian	647 (11.6)	0.9 (0.02)	100.0 (†)	73.3 (1.07)	17.5 (0.96)	7.3 (0.62)	1.9 (0.24)					
Burmese	57 (4.5)	0.1 (0.01)	100.0 (†)	83.5 (3.15)	9.7 (2.31)	5.7 ! (2.08)	1.1 ! (0.51)					
Cambodian	57 (4.6)	0.1 (0.01)	100.0 (†)	54.2 (3.96)	34.7 (3.70)	8.9 (2.17)	† (†)					
Hmong	94 (5.1)	0.1 (0.01)	100.0 (†)	60.0 (4.06)	22.6 (3.77)	15.6 (2.74)	1.8 ! (0.80)					
Laotian	32 (2.7)	# (†)	100.0 (†)	68.8 (4.51)	18.9 (3.56)	10.1 ! (3.08)	2.2 ! (1.03)					
Thai	22 (2.4)	# (†)	100.0 (†)	73.5 (4.40)	12.0 (3.05)	7.8 ! (2.97)	6.7 (2.00)					
Vietnamese	366 (8.2)	0.5 (0.01)	100.0 (†)	77.6 (1.18)	15.7 (1.07)	4.9 (0.47)	1.8 (0.28)					
Other Southeast Asian <sup>6</sup>	19 (2.6)	# (†)	100.0 (†)	90.9 (4.02)	4.1 ! (1.81)	† (†)	† (†)					
Other Asian	211 (8.0)	0.3 (0.01)	100.0 (†)	81.6 (1.13)	10.9 (0.99)	6.1 (0.82)	1.4 (0.38)					
Pacific Islander	132 (3.6)	0.2 (#)	100.0 (†)	57.2 (2.20)	29.7 (2.18)	10.1 (1.70)	3.0 (0.80)					
American Indian/Alaska Native	562 (7.7)	0.8 (0.01)	100.0 (†)	44.8 (0.98)	38.2 (0.92)	13.1 (0.64)	3.8 (0.36)					
Some other race <sup>7</sup>	247 (7.8)	0.3 (0.01)	100.0 (†)	61.1 (1.55)	30.3 (1.53)	6.5 (0.71)	2.2 (0.51)					
Two or more races	3,451 (29.8)	4.7 (0.04)	100.0 (†)	57.4 (0.47)	32.3 (0.47)	8.1 (0.22)	2.1 (0.12)					
White and Black	1,458 (20.8)	2.0 (0.03)	100.0 (†)	41.3 (0.81)	47.4 (0.90)	8.1 (0.38)	3.2 (0.24)					
White and Asian	962 (13.2)	1.3 (0.02)	100.0 (†)	81.9 (0.60)	11.1 (0.47)	6.4 (0.37)	0.6 (0.11)					
White and American Indian/ Alaska Native	369 (8.9)	0.5 (0.01)	100.0 (†)	61.1 (1.18)	25.6 (1.00)	10.8 (0.69)	2.5 (0.36)					
Other Two or more races	663 (12.7)	0.9 (0.02)	100.0 (†)	55.1 (1.10)	33.7 (0.98)	9.2 (0.61)	2.0 (0.22)					
<b>Under 6 years old</b>												
<b>Total</b>	<b>23,664 (33.2)</b>	<b>100.0 (†)</b>	<b>100.0 (†)</b>	<b>63.4 (0.16)</b>	<b>26.8 (0.15)</b>	<b>8.1 (0.10)</b>	<b>1.7 (0.03)</b>					
White	11,782 (16.9)	49.8 (0.06)	100.0 (†)	75.5 (0.21)	16.2 (0.18)	6.8 (0.11)	1.6 (0.04)					
Black	3,118 (17.7)	13.2 (0.07)	100.0 (†)	30.5 (0.53)	58.4 (0.57)	8.9 (0.32)	2.2 (0.11)					
Hispanic	6,080 (15.8)	25.7 (0.05)	100.0 (†)	54.4 (0.33)	33.1 (0.31)	10.9 (0.25)	1.6 (0.08)					
Cuban	155 (6.1)	0.7 (0.03)	100.0 (†)	57.5 (1.96)	28.4 (1.70)	12.2 (1.50)	1.9 (0.53)					
Dominican	204 (7.2)	0.9 (0.03)	100.0 (†)	43.5 (1.85)	45.6 (2.03)	9.8 (1.27)	1.1 ! (0.36)					
Mexican	4,073 (21.1)	17.2 (0.08)	100.0 (†)	55.1 (0.39)	32.6 (0.35)	10.8 (0.28)	1.5 (0.10)					
Puerto Rican	574 (11.6)	2.4 (0.05)	100.0 (†)	43.5 (1.11)	45.2 (1.00)	9.6 (0.67)	1.7 (0.23)					
Spaniard	62 (4.3)	0.3 (0.02)	100.0 (†)	69.1 (3.11)	22.2 (2.99)	8.3 (1.58)	† (†)					
Central American <sup>3</sup>	559 (11.7)	2.4 (0.05)	100.0 (†)	53.6 (1.11)	29.9 (1.04)	14.4 (0.86)	2.1 (0.28)					
Costa Rican	11 (1.4)	# (†)	100.0 (†)	70.0 (6.77)	26.8 (6.43)	† (†)	† (†)					
Guatemalan	161 (6.2)	0.7 (0.03)	100.0 (†)	56.4 (2.30)	25.5 (1.71)	15.9 (1.46)	2.3 (0.51)					
Honduran	121 (6.2)	0.5 (0.03)	100.0 (†)	48.7 (2.67)	35.5 (2.56)	13.1 (2.22)	2.7 (0.77)					
Nicaraguan	38 (3.1)	0.2 (0.01)	100.0 (†)	49.1 (4.68)	36.9 (3.89)	13.1 (3.22)	† (†)					
Panamanian	12 (1.7)	0.1 (0.01)	100.0 (†)	60.3 (6.95)	32.4 (6.89)	† (†)	† (†)					
Salvadoran	214 (7.2)	0.9 (0.03)	100.0 (†)	53.7 (1.64)	28.8 (1.64)	15.5 (1.33)	2.1 (0.45)					

See notes at end of table.

**Table 102.20. Number and percentage distribution of children under age 18 and under age 6, by living arrangements, race/ethnicity, and selected racial/ethnic subgroups: 2016—Continued**

[Standard errors appear in parentheses]

Age and race/ethnicity	Number of children (in thousands)	Percentage distribution of children	Percentage distribution of children, by living arrangements				
			Total	Children living with parent(s) or related to householder <sup>1</sup>			All other children <sup>2</sup>
				Married-couple household	Female householder, no spouse present	Male householder, no spouse present	
1	2	3	4	5	6	7	8
South American .....	265 (7.7)	1.1 (0.03)	100.0 (†)	69.5 (1.36)	19.8 (1.23)	9.0 (0.98)	1.6 (0.37)
Chilean .....	12 (2.3)	0.1 (0.01)	100.0 (†)	86.6 (4.53)	8.5 ! (3.67)	† (†)	† (†)
Colombian .....	77 (4.9)	0.3 (0.02)	100.0 (†)	68.7 (2.68)	19.9 (2.33)	10.2 (2.10)	† (†)
Ecuadorian .....	62 (4.1)	0.3 (0.02)	100.0 (†)	64.5 (2.85)	22.1 (2.37)	11.9 (1.89)	1.5 ! (0.71)
Peruvian .....	45 (3.1)	0.2 (0.01)	100.0 (†)	61.7 (3.71)	28.1 (3.57)	8.3 (2.24)	1.9 ! (0.85)
Venezuelan .....	35 (3.0)	0.1 (0.01)	100.0 (†)	82.2 (3.16)	9.1 (2.01)	6.4 ! (2.09)	2.2 ! (1.11)
Other South American .....	33 (3.4)	0.1 (0.01)	100.0 (†)	72.3 (4.14)	19.6 (3.76)	6.2 ! (2.12)	† (†)
Other Hispanic .....	187 (6.5)	0.8 (0.03)	100.0 (†)	57.3 (1.84)	29.5 (1.72)	10.7 (1.12)	2.5 (0.55)
Asian .....	1,114 (10.3)	4.7 (0.04)	100.0 (†)	86.7 (0.44)	8.7 (0.40)	3.9 (0.23)	0.7 (0.09)
Chinese <sup>4</sup> .....	219 (6.0)	0.9 (0.03)	100.0 (†)	85.7 (1.03)	9.9 (0.94)	3.9 (0.64)	0.5 ! (0.18)
Filipino .....	115 (4.3)	0.5 (0.02)	100.0 (†)	78.2 (1.84)	14.4 (1.58)	5.9 (1.10)	1.6 (0.43)
Japanese .....	26 (2.5)	0.1 (0.01)	100.0 (†)	87.4 (3.06)	5.6 ! (2.34)	† (†)	2.7 ! (0.90)
Korean .....	62 (3.4)	0.3 (0.01)	100.0 (†)	93.3 (1.19)	3.8 (1.00)	1.5 ! (0.50)	1.4 ! (0.57)
South Asian <sup>5</sup> .....	425 (7.9)	1.8 (0.03)	100.0 (†)	94.6 (0.47)	3.3 (0.41)	1.8 (0.25)	0.4 (0.12)
Asian Indian .....	344 (6.6)	1.5 (0.03)	100.0 (†)	95.2 (0.43)	2.5 (0.33)	1.9 (0.31)	0.4 ! (0.13)
Bangladeshi .....	19 (2.2)	0.1 (0.01)	100.0 (†)	90.0 (4.03)	9.1 ! (3.93)	† (†)	† (†)
Bhutanese .....	5 (0.9)	# (†)	100.0 (†)	92.0 (4.98)	† (†)	† (†)	† (†)
Nepalese .....	12 (1.5)	0.1 (0.01)	100.0 (†)	98.5 (1.07)	† (†)	† (†)	† (†)
Pakistani .....	42 (3.1)	0.2 (0.01)	100.0 (†)	90.0 (2.36)	8.2 (2.17)	1.7 ! (0.73)	† (†)
Southeast Asian .....	185 (5.8)	0.8 (0.02)	100.0 (†)	73.7 (1.54)	17.3 (1.42)	8.4 (0.96)	0.6 ! (0.21)
Burmese .....	24 (2.4)	0.1 (0.01)	100.0 (†)	84.6 (3.72)	7.9 (2.03)	7.2 ! (3.20)	† (†)
Cambodian .....	17 (2.2)	0.1 (0.01)	100.0 (†)	44.3 (6.37)	46.2 (6.93)	8.8 ! (2.82)	† (†)
Hmong .....	34 (2.5)	0.1 (0.01)	100.0 (†)	60.6 (4.89)	20.8 (4.24)	18.0 (3.25)	† (†)
Laotian .....	9 (1.2)	# (†)	100.0 (†)	67.0 (6.86)	24.7 (5.92)	8.3 ! (3.26)	† (†)
Thai .....	6 (1.1)	# (†)	100.0 (†)	76.0 (8.10)	† (†)	12.0 ! (5.65)	† (†)
Vietnamese .....	91 (3.9)	0.4 (0.02)	100.0 (†)	80.8 (2.01)	13.0 (1.76)	5.3 (0.99)	0.8 ! (0.34)
Other Southeast Asian <sup>6</sup> .....	4 (0.8)	# (†)	100.0 (†)	88.3 (6.37)	† (†)	† (†)	† (†)
Other Asian .....	83 (3.8)	0.3 (0.02)	100.0 (†)	84.4 (1.68)	10.9 (1.42)	3.8 (0.99)	0.8 ! (0.37)
Pacific Islander .....	42 (2.4)	0.2 (0.01)	100.0 (†)	58.0 (3.42)	26.4 (2.94)	12.7 (2.78)	2.9 ! (1.20)
American Indian/Alaska Native .....	179 (3.7)	0.8 (0.02)	100.0 (†)	41.4 (1.56)	40.9 (1.67)	13.7 (1.01)	4.0 (0.68)
Some other race <sup>7</sup> .....	82 (3.5)	0.3 (0.01)	100.0 (†)	63.0 (2.42)	26.5 (2.15)	7.7 (1.47)	2.9 ! (1.12)
Two or more races .....	1,268 (13.0)	5.4 (0.05)	100.0 (†)	58.0 (0.65)	31.9 (0.63)	8.1 (0.36)	1.9 (0.18)
White and Black .....	560 (10.4)	2.4 (0.04)	100.0 (†)	39.6 (1.14)	48.3 (1.21)	8.7 (0.61)	3.4 (0.41)
White and Asian .....	366 (6.8)	1.5 (0.03)	100.0 (†)	86.0 (0.68)	8.6 (0.64)	5.1 (0.52)	0.3 ! (0.09)
White and American Indian/ Alaska Native .....	106 (4.7)	0.4 (0.02)	100.0 (†)	58.4 (2.11)	25.9 (1.95)	13.7 (1.37)	2.0 (0.49)
Other Two or more races .....	236 (6.3)	1.0 (0.03)	100.0 (†)	58.1 (1.75)	31.9 (1.60)	9.0 (1.05)	1.0 (0.23)

†Not applicable.

#Rounds to zero.

!Interpret data with caution. The coefficient of variation (CV) for this estimate is between 30 and 50 percent.

‡Reporting standards not met. Either there are too few cases for a reliable estimate or the coefficient of variation (CV) is 50 percent or greater.

<sup>1</sup>Includes all children who live either with their parent(s) or with a householder to whom they are related by birth, marriage, or adoption (except a child who is the spouse of the householder). Children are classified by their parents' marital status or, if no parents are present in the household, by the marital status of the householder who is related to the children. Living arrangements with only a "female householder" or "male householder" are those in which the parent or the householder who is related to the child does not have a spouse living in the household. The householder is the person (or one of the people) who owns or rents (maintains) the housing unit.

<sup>2</sup>Includes foster children, children in unrelated subfamilies, children living in group quarters, and children who were reported as the householder or spouse of the householder.

<sup>3</sup>Includes other Central American subgroups not shown separately.

<sup>4</sup>Includes Taiwanese.

<sup>5</sup>In addition to the subgroups shown, also includes Sri Lankan.

<sup>6</sup>Consists of Indonesian and Malaysian.

<sup>7</sup>Respondents who wrote in some other race that was not included as an option on the questionnaire.

NOTE: Data are based on sample surveys of the entire population residing within the United States, including both noninstitutionalized persons (e.g., those living in households, college housing, or military housing located within the United States) and institutionalized persons (e.g., those living in prisons, nursing facilities, or other healthcare facilities). Race categories exclude persons of Hispanic ethnicity. Detail may not sum to totals because of rounding.

SOURCE: U.S. Department of Commerce, Census Bureau, American Community Survey (ACS), 2016. (This table was prepared November 2017.)

**Table 102.30. Median household income, by state: Selected years, 1990 through 2016**  
 [In constant 2016 dollars. Standard errors appear in parentheses]

State	1990 <sup>1</sup>	2000 <sup>2</sup>	2005		2010		2012		2013		2014		2015		2016	
1	2	3	4		5		6		7		8		9		10	
United States .....	\$56,200	\$60,500	\$56,800	(\$80)	\$55,100	(\$40)	\$53,700	(\$30)	\$53,800	(\$40)	\$54,400	(\$60)	\$55,800	(\$50)	\$57,600	(\$70)
Alabama .....	44,100	49,200	45,300	(400)	44,600	(320)	43,500	(300)	44,200	(400)	43,400	(370)	45,300	(460)	46,300	(410)
Alaska .....	77,400	74,300	69,100	(1,350)	71,100	(1,400)	70,800	(1,200)	74,400	(1,190)	72,600	(1,100)	74,300	(1,430)	76,400	(1,360)
Arizona .....	51,500	58,500	54,400	(480)	51,500	(360)	50,000	(380)	50,000	(370)	50,800	(300)	52,100	(270)	53,600	(390)
Arkansas .....	39,500	46,400	43,000	(450)	42,200	(430)	41,900	(320)	41,700	(440)	41,800	(400)	42,500	(290)	44,300	(560)
California .....	66,900	68,500	65,900	(240)	63,500	(240)	61,000	(220)	62,000	(160)	62,800	(150)	65,300	(240)	67,700	(220)
Colorado .....	56,300	68,000	62,300	(410)	59,500	(490)	59,300	(380)	60,600	(510)	62,100	(300)	64,700	(550)	65,700	(390)
Connecticut .....	78,000	77,700	74,900	(610)	70,500	(730)	70,300	(550)	69,100	(660)	71,000	(510)	72,200	(480)	73,400	(640)
Delaware .....	65,200	68,300	64,500	(1,060)	61,500	(1,000)	61,100	(1,010)	59,600	(1,180)	60,500	(1,030)	62,000	(790)	61,800	(910)
District of Columbia .....	57,400	57,800	58,000	(1,440)	67,000	(1,030)	69,600	(1,300)	69,600	(2,120)	72,600	(1,230)	76,600	(1,530)	75,500	(2,080)
Florida .....	51,400	56,000	52,200	(200)	48,900	(220)	47,100	(220)	47,400	(190)	48,100	(200)	50,100	(200)	50,900	(150)
Georgia .....	54,300	61,200	56,000	(330)	51,100	(310)	49,400	(240)	49,300	(390)	50,000	(330)	51,900	(230)	53,600	(430)
Hawaii .....	72,600	71,800	71,400	(1,470)	69,400	(1,040)	69,300	(1,030)	70,100	(950)	70,600	(900)	74,400	(1,240)	74,500	(1,080)
Idaho .....	47,200	54,200	50,900	(630)	47,900	(670)	47,600	(590)	48,200	(580)	48,500	(790)	48,900	(670)	51,800	(590)
Illinois .....	60,300	67,200	61,800	(250)	58,300	(290)	57,600	(260)	57,900	(250)	58,200	(260)	60,300	(310)	61,000	(240)
Indiana .....	53,800	59,900	54,100	(380)	49,100	(300)	49,100	(270)	49,000	(320)	50,100	(300)	51,200	(240)	52,300	(230)
Iowa .....	49,000	56,900	53,600	(390)	52,800	(430)	53,300	(270)	53,800	(330)	54,500	(470)	55,400	(480)	56,200	(420)
Kansas .....	51,000	58,600	52,700	(550)	53,100	(580)	52,500	(330)	52,500	(380)	53,200	(440)	54,600	(540)	54,900	(540)
Kentucky .....	42,100	48,500	45,900	(360)	44,100	(340)	43,600	(270)	44,700	(410)	43,600	(430)	45,800	(290)	46,700	(360)
Louisiana .....	41,000	46,900	45,100	(430)	46,800	(470)	44,900	(430)	45,500	(540)	45,200	(450)	46,300	(410)	45,100	(470)
Maine .....	52,100	53,700	52,600	(720)	50,400	(640)	48,800	(570)	48,400	(500)	50,100	(690)	52,100	(530)	53,100	(840)
Maryland .....	73,600	76,200	75,700	(440)	75,800	(620)	74,300	(370)	74,700	(450)	75,000	(530)	76,800	(360)	78,900	(450)
Massachusetts .....	69,100	72,800	70,300	(520)	68,300	(270)	68,300	(410)	68,800	(450)	70,100	(590)	71,500	(380)	75,300	(470)
Michigan .....	58,000	64,400	56,600	(340)	50,000	(200)	49,000	(210)	49,700	(240)	50,500	(240)	51,700	(150)	52,500	(240)
Minnesota .....	57,800	67,900	63,900	(270)	61,100	(310)	61,600	(420)	62,500	(270)	62,300	(290)	64,300	(410)	65,600	(370)
Mississippi .....	37,600	45,200	40,500	(460)	40,600	(420)	38,800	(370)	39,100	(640)	40,200	(480)	41,100	(330)	41,800	(340)
Missouri .....	49,300	54,700	51,600	(270)	48,800	(340)	47,400	(270)	48,400	(270)	49,000	(350)	50,900	(260)	51,700	(230)
Montana .....	43,000	47,600	48,300	(720)	47,000	(760)	47,100	(690)	48,400	(710)	47,000	(750)	50,100	(870)	50,000	(670)
Nebraska .....	48,600	56,600	53,900	(570)	53,300	(600)	53,000	(370)	53,000	(310)	53,400	(420)	55,700	(510)	56,900	(470)
Nevada .....	58,000	64,300	60,400	(660)	56,100	(530)	52,000	(520)	52,800	(370)	52,200	(420)	53,100	(600)	55,200	(550)
New Hampshire .....	67,900	71,300	69,800	(750)	67,200	(770)	66,200	(980)	66,200	(840)	67,500	(800)	71,200	(770)	70,900	(860)
New Jersey .....	76,500	79,500	75,800	(390)	74,500	(510)	72,800	(460)	72,300	(340)	72,900	(270)	73,100	(380)	76,100	(430)
New Mexico .....	45,000	49,200	46,100	(560)	46,300	(490)	44,500	(570)	45,200	(600)	45,400	(520)	46,000	(540)	46,700	(500)
New York .....	61,600	62,600	60,800	(320)	59,600	(250)	59,000	(240)	59,100	(270)	59,700	(240)	61,600	(190)	62,900	(380)
North Carolina .....	49,800	56,500	50,100	(240)	47,700	(250)	47,200	(250)	47,300	(270)	47,200	(230)	48,400	(320)	50,600	(180)
North Dakota .....	43,400	49,900	50,400	(530)	53,600	(1,050)	56,000	(980)	57,500	(910)	59,800	(1,040)	61,300	(1,020)	60,700	(930)
Ohio .....	53,700	59,000	53,500	(250)	49,600	(200)	49,000	(190)	49,500	(250)	50,000	(220)	51,700	(140)	52,300	(170)
Oklahoma .....	44,100	48,100	45,600	(420)	46,300	(270)	46,300	(290)	47,100	(330)	48,200	(280)	49,200	(320)	49,200	(380)
Oregon .....	50,900	59,000	52,800	(430)	51,300	(360)	51,400	(510)	51,800	(330)	51,800	(300)	54,800	(560)	57,500	(520)
Pennsylvania .....	54,300	57,800	54,700	(290)	54,300	(290)	53,600	(170)	53,600	(160)	54,000	(260)	56,400	(230)	56,900	(220)
Rhode Island .....	60,200	60,700	63,200	(1,030)	57,500	(830)	57,000	(1,140)	57,600	(1,190)	55,600	(920)	58,800	(1,490)	60,600	(970)
South Carolina .....	49,100	53,500	48,300	(460)	46,300	(280)	45,100	(420)	45,500	(410)	45,900	(310)	47,800	(340)	49,500	(370)
South Dakota .....	42,100	50,900	49,500	(660)	50,500	(810)	50,600	(620)	50,400	(680)	51,700	(630)	53,700	(670)	54,500	(780)
Tennessee .....	46,400	52,400	47,800	(360)	45,600	(270)	44,700	(370)	45,600	(310)	45,000	(350)	47,900	(300)	48,500	(410)
Texas .....	50,500	57,600	51,800	(180)	53,500	(230)	53,000	(170)	53,300	(150)	53,800	(230)	56,400	(190)	56,600	(180)
Utah .....	55,100	65,900	58,900	(710)	60,300	(420)	59,600	(470)	61,600	(480)	61,800	(410)	63,700	(750)	66,000	(580)
Vermont .....	55,700	58,900	56,100	(890)	54,400	(990)	55,400	(800)	54,200	(980)	54,900	(1,060)	57,700	(820)	57,700	(1,020)
Virginia .....	62,300	67,300	66,700	(400)	66,800	(310)	64,500	(260)	64,600	(420)	65,800	(380)	67,100	(330)	68,100	(450)
Washington .....	58,300	66,000	60,500	(480)	61,200	(370)	60,200	(380)	60,200	(420)	62,200	(300)	64,900	(490)	67,100	(360)
West Virginia .....	38,900	42,800	41,100	(600)	42,100	(600)	42,000	(440)	42,500	(470)	41,600	(400)	42,500	(490)	43,400	(680)
Wisconsin .....	55,000	63,100	57,900	(290)	53,900	(330)	53,400	(200)	53,000	(230)	53,300	(270)	56,300	(260)	56,800	(330)
Wyoming .....	50,700	54,600	56,800	(1,130)	58,900	(1,270)	57,400	(950)	60,500	(1,120)	57,800	(1,220)	61,000	(970)	59,900	(1,350)

<sup>1</sup>Based on 1989 incomes collected in the 1990 census.  
<sup>2</sup>Based on 1999 incomes collected in the 2000 census.  
 NOTE: Constant dollars adjusted by the Consumer Price Index research series using current methods (CPI-U-RS).  
 SOURCE: U.S. Department of Commerce, Census Bureau, 1990 Summary Tape File 3 (STF 3), "Median Household Income in 1989," retrieved May 12, 2005, from <https://www.census.gov/hhes/www/income/data/historical/state/state1.html>;

Decennial Census, 2000, *Summary Social, Economic, and Housing Characteristics*; Census 2000 Summary File 4 (SF 4), retrieved March 28, 2005, from <https://www.census.gov/census2000/SF4.html>; and American Community Survey (ACS), selected years, 2005 through 2016, retrieved October 15, 2017, from <https://factfinder.census.gov/faces/nav/jsf/pages/searchresults.xhtml?refresh=t>. (This table was prepared October 2017.)

**Table 102.40. Poverty rates for all persons and poverty status of related children under age 18, by region and state: Selected years, 1990 through 2016**

[Standard errors appear in parentheses]

Region and state	Percent of persons in poverty <sup>1</sup>					Poverty status of related children <sup>2</sup> under age 18							
	1990 <sup>3</sup>	2000 <sup>4</sup>	2010 <sup>5</sup>	2015 <sup>5</sup>	2016 <sup>5</sup>	1990, <sup>3</sup> percent in poverty	2000, <sup>4</sup> percent in poverty	2010, <sup>5</sup> percent in poverty	2015 <sup>5</sup>		2016 <sup>5</sup>		
									Number in poverty (in thousands)	Percent in poverty	Number in poverty (in thousands)	Percent in poverty	
1	2	3	4	5	6	7	8	9	10	11	12	13	
<b>United States</b> .....	<b>13.1</b>	<b>12.4</b>	<b>14.9 (0.06)</b>	<b>14.3 (0.06)</b>	<b>13.7 (0.06)</b>	<b>17.9 (0.02)</b>	<b>16.1 (0.01)</b>	<b>21.1 (0.13)</b>	<b>14,652 (109.9)</b>	<b>20.3 (0.15)</b>	<b>13,730 (107.9)</b>	<b>19.1 (0.15)</b>	
<b>Region</b>													
Northeast .....	10.6	11.4	12.5 (0.09)	12.5 (0.09)	12.1 (0.10)	14.3 (0.54)	14.3 (0.39)	17.4 (0.20)	2,057 (25.4)	17.7 (0.22)	1,941 (27.8)	16.8 (0.24)	
South .....	15.7	13.9	14.1 (0.10)	13.5 (0.12)	12.8 (0.11)	20.5 (0.90)	17.6 (0.64)	20.0 (0.24)	2,878 (41.4)	18.8 (0.27)	2,637 (38.3)	17.4 (0.25)	
Midwest .....	12.0	10.2	16.5 (0.08)	15.6 (0.09)	15.0 (0.08)	14.9 (0.58)	12.0 (0.37)	23.8 (0.18)	6,291 (58.7)	22.7 (0.21)	5,993 (55.7)	21.5 (0.20)	
West .....	12.6	13.0	15.0 (0.09)	14.4 (0.09)	13.5 (0.08)	16.2 (0.79)	16.2 (0.54)	20.6 (0.19)	3,425 (32.6)	19.6 (0.18)	3,160 (34.8)	18.1 (0.20)	
Alabama .....	18.3	16.1	18.6 (0.39)	18.4 (0.37)	16.8 (0.35)	24.0 (0.14)	21.2 (0.10)	27.6 (0.86)	285 (8.7)	26.2 (0.79)	265 (9.5)	24.5 (0.86)	
Alaska .....	9.0	9.4	10.6 (0.75)	9.9 (0.95)	10.2 (0.83)	10.9 (0.24)	11.2 (0.16)	13.5 (1.32)	27 (3.7)	14.7 (2.03)	26 (3.6)	14.4 (1.93)	
Arizona .....	15.7	13.9	17.1 (0.35)	16.9 (0.31)	16.1 (0.28)	21.7 (0.13)	18.8 (0.10)	24.0 (0.74)	381 (10.8)	24.0 (0.67)	377 (10.2)	23.7 (0.63)	
Arkansas .....	19.1	15.8	18.2 (0.41)	18.8 (0.44)	16.7 (0.45)	25.0 (0.17)	21.4 (0.11)	26.6 (1.00)	185 (6.7)	26.9 (0.97)	160 (7.4)	23.1 (1.07)	
California .....	12.5	14.2	15.4 (0.13)	15.0 (0.12)	14.1 (0.12)	17.8 (0.05)	19.0 (0.04)	21.5 (0.28)	1,866 (25.4)	20.9 (0.28)	1,739 (24.2)	19.5 (0.27)	
Colorado .....	11.7	9.3	12.8 (0.33)	11.3 (0.26)	10.5 (0.29)	15.0 (0.11)	10.8 (0.07)	16.6 (0.71)	177 (7.2)	14.3 (0.58)	158 (8.4)	12.8 (0.68)	
Connecticut .....	6.8	7.9	9.6 (0.30)	9.9 (0.33)	9.2 (0.32)	10.4 (0.13)	10.0 (0.09)	12.3 (0.63)	100 (5.6)	13.4 (0.76)	90 (5.9)	12.3 (0.79)	
Delaware .....	8.7	9.2	11.7 (0.73)	13.1 (0.87)	11.3 (0.57)	11.7 (0.23)	11.9 (0.20)	18.2 (1.59)	42 (4.4)	21.0 (2.19)	31 (3.1)	15.6 (1.57)	
District of Columbia .....	16.9	20.2	18.3 (0.87)	15.5 (0.76)	18.0 (0.92)	25.0 (0.49)	31.1 (0.37)	29.3 (2.58)	29 (2.6)	25.4 (2.21)	31 (3.2)	26.6 (2.70)	
Florida .....	12.7	12.5	16.2 (0.16)	15.3 (0.16)	14.5 (0.16)	18.3 (0.09)	17.2 (0.06)	23.2 (0.40)	917 (17.5)	22.9 (0.43)	839 (14.9)	20.7 (0.37)	
Georgia .....	14.7	13.0	17.4 (0.27)	16.6 (0.22)	15.3 (0.23)	19.8 (0.12)	16.7 (0.07)	24.4 (0.46)	590 (12.3)	24.0 (0.50)	547 (14.1)	22.2 (0.57)	
Hawaii .....	8.3	10.7	10.1 (0.50)	10.4 (0.52)	8.6 (0.53)	11.1 (0.21)	13.5 (0.16)	12.5 (1.29)	41 (3.8)	13.4 (1.24)	29 (3.5)	9.7 (1.15)	
Idaho .....	13.3	11.8	15.0 (0.50)	13.8 (0.63)	14.1 (0.66)	15.8 (0.21)	13.8 (0.13)	17.5 (0.96)	66 (4.9)	15.6 (1.16)	73 (5.6)	17.0 (1.31)	
Illinois .....	11.9	10.7	13.6 (0.19)	13.4 (0.21)	12.7 (0.22)	16.8 (0.07)	14.0 (0.04)	19.4 (0.41)	560 (14.7)	19.3 (0.50)	497 (14.4)	17.3 (0.50)	
Indiana .....	10.7	9.5	14.9 (0.28)	14.6 (0.29)	13.6 (0.26)	13.9 (0.09)	11.7 (0.08)	21.7 (0.63)	332 (10.8)	21.6 (0.70)	288 (9.3)	18.8 (0.60)	
Iowa .....	11.5	9.1	12.3 (0.41)	12.5 (0.47)	11.0 (0.39)	14.0 (0.13)	10.5 (0.08)	16.7 (0.94)	111 (7.5)	15.7 (1.07)	92 (6.5)	13.0 (0.91)	
Kansas .....	11.5	9.9	12.7 (0.42)	12.6 (0.40)	11.7 (0.42)	13.9 (0.13)	11.5 (0.09)	17.4 (0.94)	123 (6.2)	17.5 (0.85)	96 (6.0)	13.7 (0.85)	
Kentucky .....	19.0	15.8	18.1 (0.32)	17.6 (0.32)	18.0 (0.38)	24.5 (0.14)	20.4 (0.09)	25.4 (0.76)	245 (7.7)	25.0 (0.77)	244 (8.1)	25.0 (0.80)	
Louisiana .....	23.6	19.6	17.9 (0.31)	18.8 (0.43)	19.6 (0.38)	31.2 (0.16)	26.3 (0.10)	26.9 (0.68)	303 (10.3)	27.6 (0.94)	313 (9.7)	28.8 (0.89)	
Maine .....	10.8	10.9	13.3 (0.58)	12.5 (0.56)	12.6 (0.59)	13.2 (0.18)	13.0 (0.14)	18.3 (1.28)	35 (2.8)	14.3 (1.12)	46 (4.0)	18.6 (1.60)	
Maryland .....	8.3	8.5	9.8 (0.25)	9.8 (0.28)	9.1 (0.24)	10.9 (0.10)	10.3 (0.08)	12.8 (0.51)	173 (8.5)	13.2 (0.64)	155 (7.7)	11.7 (0.58)	
Massachusetts .....	8.9	9.3	11.0 (0.25)	10.9 (0.22)	10.1 (0.21)	12.9 (0.10)	11.6 (0.07)	13.7 (0.55)	194 (7.1)	14.2 (0.52)	179 (6.5)	13.3 (0.48)	
Michigan .....	13.1	10.5	16.2 (0.24)	15.5 (0.28)	14.5 (0.22)	18.2 (0.08)	13.4 (0.05)	22.5 (0.52)	472 (13.3)	22.0 (0.62)	431 (10.2)	20.3 (0.48)	
Minnesota .....	10.2	7.9	11.1 (0.32)	9.7 (0.26)	9.6 (0.29)	12.4 (0.09)	9.2 (0.06)	14.6 (0.72)	153 (7.9)	12.2 (0.62)	155 (9.2)	12.3 (0.73)	
Mississippi .....	25.2	19.9	21.5 (0.51)	21.1 (0.51)	20.0 (0.45)	33.5 (0.18)	26.7 (0.11)	31.7 (1.05)	224 (7.7)	31.2 (1.07)	203 (7.1)	28.6 (1.00)	
Missouri .....	13.3	11.7	15.1 (0.28)	14.2 (0.28)	13.5 (0.27)	17.4 (0.10)	15.3 (0.07)	20.6 (0.59)	266 (10.5)	19.6 (0.77)	251 (8.5)	18.6 (0.64)	
Montana .....	16.1	14.6	14.1 (0.70)	14.2 (0.70)	12.7 (0.54)	19.9 (0.27)	18.4 (0.18)	19.8 (1.43)	41 (3.9)	18.5 (1.74)	32 (3.3)	14.4 (1.44)	
Nebraska .....	11.1	9.7	12.7 (0.56)	12.2 (0.43)	11.3 (0.42)	13.5 (0.16)	11.8 (0.11)	18.2 (1.32)	71 (4.2)	15.4 (0.91)	67 (4.8)	14.7 (1.05)	
Nevada .....	10.2	10.5	14.9 (0.49)	14.7 (0.46)	13.3 (0.48)	12.8 (0.22)	13.5 (0.14)	21.7 (0.97)	136 (7.3)	20.8 (1.11)	122 (6.8)	18.5 (1.01)	
New Hampshire .....	6.4	6.5	8.0 (0.44)	7.7 (0.49)	6.7 (0.45)	7.0 (0.14)	7.3 (0.11)	9.8 (1.09)	26 (3.0)	9.9 (1.16)	17 (2.3)	6.8 (0.89)	
New Jersey .....	7.6	8.5	10.0 (0.22)	10.4 (0.22)	10.1 (0.22)	11.0 (0.08)	10.8 (0.06)	14.0 (0.45)	293 (10.9)	14.9 (0.55)	272 (10.1)	13.9 (0.51)	
New Mexico .....	20.6	18.4	19.9 (0.65)	20.4 (0.66)	19.6 (0.59)	27.5 (0.21)	24.6 (0.15)	29.5 (1.22)	150 (7.0)	30.5 (1.38)	140 (6.3)	29.3 (1.31)	
New York .....	13.0	14.6	14.6 (0.19)	14.8 (0.17)	14.4 (0.16)	18.8 (0.07)	19.6 (0.05)	21.4 (0.36)	879 (17.8)	21.4 (0.43)	826 (15.5)	20.2 (0.38)	
North Carolina .....	13.0	12.3	16.8 (0.24)	16.2 (0.23)	15.2 (0.24)	16.9 (0.09)	15.7 (0.06)	24.1 (0.52)	532 (11.7)	23.7 (0.51)	487 (12.3)	21.7 (0.55)	
North Dakota .....	14.4	11.9	11.8 (0.77)	11.3 (0.57)	11.1 (0.72)	16.9 (0.26)	13.5 (0.15)	14.2 (1.92)	19 (2.2)	11.0 (1.28)	22 (3.0)	13.0 (1.75)	
Ohio .....	12.5	10.6	15.4 (0.21)	14.5 (0.21)	14.0 (0.20)	17.6 (0.07)	14.0 (0.05)	22.9 (0.48)	552 (13.3)	21.5 (0.51)	507 (11.9)	19.9 (0.46)	
Oklahoma .....	16.7	14.7	16.5 (0.39)	15.7 (0.38)	15.6 (0.34)	21.4 (0.14)	19.1 (0.09)	24.9 (0.98)	207 (8.3)	22.1 (0.88)	212 (8.1)	22.5 (0.86)	
Oregon .....	12.4	11.6	15.6 (0.34)	14.8 (0.40)	13.2 (0.28)	15.2 (0.13)	14.0 (0.09)	21.0 (0.77)	165 (7.9)	19.7 (0.95)	137 (6.5)	16.3 (0.76)	
Pennsylvania .....	11.1	11.0	12.8 (0.18)	12.5 (0.21)	12.4 (0.20)	15.4 (0.07)	14.3 (0.05)	18.2 (0.44)	480 (13.2)	18.3 (0.49)	464 (12.9)	17.8 (0.49)	
Rhode Island .....	9.6	11.9	14.0 (0.59)	13.1 (0.61)	12.2 (0.66)	13.5 (0.26)	16.5 (0.22)	19.7 (1.49)	38 (3.3)	18.5 (1.56)	33 (3.1)	16.0 (1.50)	
South Carolina .....	15.4	14.1	17.6 (0.33)	16.0 (0.32)	14.7 (0.33)	20.8 (0.16)	18.5 (0.10)	25.5 (0.73)	245 (7.6)	23.1 (0.70)	241 (8.2)	22.3 (0.76)	
South Dakota .....	15.9	13.2	14.4 (0.89)	12.5 (0.69)	13.3 (0.55)	20.1 (0.28)	16.7 (0.19)	18.7 (1.97)	29 (3.2)	14.0 (1.51)	38 (3.0)	18.2 (1.41)	
Tennessee .....	15.7	13.5	17.2 (0.30)	16.4 (0.31)	15.3 (0.27)	20.7 (0.12)	17.6 (0.09)	25.3 (0.67)	351 (10.9)	24.0 (0.74)	331 (10.5)	22.5 (0.71)	
Texas .....	18.1	15.4	17.3 (0.16)	15.4 (0.17)	15.3 (0.16)	24.0 (0.08)	20.2 (0.05)	25.2 (0.31)	1,591 (25.1)	22.4 (0.35)	1,586 (25.5)	22.1 (0.35)	
Utah .....	11.4	9.4	13.1 (0.46)	11.2 (0.43)	10.2 (0.34)	12.2 (0.14)	9.7 (0.08)	15.8 (0.87)	115 (6.9)	12.8 (0.77)	99 (6.5)	10.9 (0.70)	
Vermont .....	9.9	9.4	11.4 (0.76)	9.2 (0.84)	10.7 (0.72)	11.5 (0.23)	10.7 (0.15)	14.8 (2.12)	14 (2.5)	11.7 (2.16)	13 (2.1)	10.8 (1.86)	
Virginia .....	10.2	9.6	11.0 (0.18)	11.0 (0.22)	10.7 (0.24)	13.0 (0.10)	11.9 (0.07)	15.0 (0.42)	279 (8.7)	15.2 (0.47)	257 (10.3)	14.1 (0.56)	
Washington .....	10.9	10.6	13.2 (0.27)	12.4 (0.25)	11.1 (0.23)	14.0 (0.09)	13.2 (0.08)	17.8 (0.58)	248 (9.8)	15.8 (0.62)	213 (8.1)	13.4 (0.51)	
West Virginia .....	19.7	17.9	17.9 (0.54)	17.3 (0.55)	17.8 (0.61)	25.9 (0.21)	23.9 (0.15)	25.9 (1.37)	93 (5.4)	25.3 (1.44)	92 (5.2)	24.8 (1.39)	
Wisconsin .....	10.7	8.7	12.7 (0.31)	11.3 (0.34)	11.5 (0.30)	14.6 (0.09)	10.8 (0.07)	18.1 (0.76)	191 (10.0)	15.2 (0.79)	192 (9.1)	15.4 (0.73)	
Wyoming .....	11.9	11.4	10.4 (0.80)	9.9 (0.80)	11.4 (0.80)	14.1 (0.30)	13.8 (0.22)	13.4 (1.69)	15 (2.5)	10.9 (1.81)	13 (1.8)	9.6 (1.36)	

<sup>1</sup>Data exclude institutionalized persons (e.g., those living in prisons or nursing homes) as well as persons living in most types of noninstitutional group quarters (e.g., college housing or military barracks). Data include noninstitutionalized persons living in households as well as those living in group homes and shelters.

<sup>2</sup>Related children in a family include all children in the household who are related to the householder by birth, marriage, or adoption (except a child who is the spouse of the householder). The householder is the person (or one of the people) who owns or rents (maintains) the housing unit. This table excludes unrelated children and householders who are themselves under the age of 18.

<sup>3</sup>Based on 1989 incomes and family sizes collected in the 1990 census.

<sup>4</sup>Based on 1999 incomes and family sizes collected in the 2000 census.

<sup>5</sup>Based on income and family size data from the American Community Survey (ACS). ACS respondents were interviewed throughout the given year and reported the income they received during the previous 12 months. Data are based on sample surveys of the entire population residing within the United States.

NOTE: Poverty status is determined by the Census Bureau using a set of money income thresholds that vary by family size and composition. For additional information about poverty status, see <https://www.census.gov/topics/income-poverty/poverty/guidance/poverty-measures.html>. Poverty estimates in this table may differ from table 102.50's official national poverty estimates, which are based on a different data source (the Current Population Survey). Detail may not sum to totals because of rounding.

SOURCE: U.S. Department of Commerce, Census Bureau, 1990 Summary Tape File 3 (STF 3), "Median Household Income in 1989" and "Poverty Status in 1989 by Family Type and Age"; Decennial Census, 1990, Minority Economic Profiles, unpublished data; Decennial Census, 2000, *Summary Social, Economic, and Housing Characteristics*; Census 2000 Summary File 4 (SF 4), "Poverty Status in 1999 of Related Children Under 18 Years by Family Type and Age"; and American Community Survey (ACS), 2010, 2015, and 2016. (This table was prepared November 2017.)

**Table 102.60. Number and percentage of related children under age 18 living in poverty, by family structure, race/ethnicity, and selected racial/ethnic subgroups: 2010 and 2016**

[Standard errors appear in parentheses]

Year and race/ethnicity	Number of related children <sup>1</sup> living in poverty (in thousands)		Percent of related children <sup>1</sup> living in poverty, by family structure							
			Total, all families		Married-couple household <sup>2</sup>		Female householder, no spouse present <sup>2</sup>		Male householder, no spouse present <sup>2</sup>	
1	2		3		4		5		6	
<b>2010</b>										
<b>Total</b>	<b>15,357</b>	<b>(97.8)</b>	<b>21.1</b>	<b>(0.13)</b>	<b>10.8</b>	<b>(0.11)</b>	<b>43.9</b>	<b>(0.25)</b>	<b>28.9</b>	<b>(0.36)</b>
White	4,934	(47.9)	12.7	(0.12)	6.6	(0.10)	35.0	(0.34)	21.0	(0.45)
Black	3,835	(42.0)	37.8	(0.38)	14.7	(0.42)	51.2	(0.49)	40.1	(1.01)
Hispanic	5,362	(38.2)	31.9	(0.22)	22.3	(0.28)	49.4	(0.40)	34.1	(0.72)
Cuban	75	(4.7)	18.8	(1.10)	12.5	(1.29)	35.4	(2.43)	16.8	(2.90)
Dominican	148	(7.1)	34.3	(1.22)	12.9	(1.24)	51.6	(1.95)	30.2	(4.75)
Mexican	3,999	(35.1)	33.8	(0.26)	25.3	(0.33)	50.8	(0.52)	36.9	(0.91)
Puerto Rican	513	(14.3)	33.6	(0.77)	13.5	(0.92)	53.6	(1.09)	30.4	(2.05)
Spaniard	31	(3.1)	17.4	(1.62)	9.3	(1.83)	35.2	(3.72)	20.5	(4.73)
Central American <sup>3</sup>	323	(11.0)	26.8	(0.80)	17.8	(0.88)	41.8	(1.39)	31.0	(2.47)
Costa Rican	6	(1.3)	18.4	(3.53)	11.8 !	(3.71)	25.7 !	(7.79)	+	(+)
Guatemalan	98	(6.7)	31.5	(1.68)	23.6	(1.80)	46.4	(3.51)	36.2	(4.62)
Honduran	68	(5.2)	33.5	(2.16)	20.3	(2.57)	51.5	(3.05)	30.0	(4.83)
Nicaraguan	19	(2.8)	21.6	(2.90)	12.8	(2.80)	38.5	(5.69)	27.2	(7.33)
Panamanian	6	(1.5)	15.4	(3.49)	+	(+)	32.3	(6.69)	+	(+)
Salvadoran	123	(6.3)	23.6	(1.08)	15.5	(1.26)	36.8	(1.98)	29.5	(3.96)
South American	132	(6.4)	17.3	(0.78)	11.6	(0.79)	33.2	(1.71)	17.1	(2.57)
Chilean	3	(1.0)	10.8	(3.01)	7.3 !	(3.51)	25.8 !	(8.79)	+	(+)
Colombian	34	(3.5)	14.0	(1.30)	9.5	(1.34)	24.3	(2.74)	14.8 !	(5.06)
Ecuadorian	41	(4.1)	24.2	(1.95)	17.6	(2.05)	43.6	(3.49)	21.8	(5.36)
Peruvian	28	(3.8)	18.7	(2.25)	11.0	(1.90)	40.4	(4.91)	+	(+)
Venezuelan	10	(2.0)	17.2	(3.19)	12.7	(3.22)	33.6	(8.59)	+	(+)
Other South American	16	(2.5)	14.0	(1.88)	9.1	(1.77)	30.4	(5.76)	19.7 !	(8.71)
Other Hispanic	142	(7.0)	28.3	(1.15)	17.5	(1.26)	47.0	(1.96)	25.7	(3.06)
Asian	383	(9.6)	12.2	(0.30)	9.5	(0.28)	28.3	(1.21)	23.6	(1.87)
Chinese <sup>4</sup>	67	(3.4)	10.0	(0.51)	7.8	(0.50)	24.1	(2.31)	21.8	(3.67)
Filipino	25	(3.1)	5.4	(0.69)	3.0	(0.56)	17.3	(2.78)	9.8 !	(2.98)
Japanese	4	(0.9)	4.6	(1.15)	2.2 !	(0.91)	25.9	(7.58)	+	(+)
Korean	34	(2.8)	13.0	(0.97)	9.9	(0.88)	37.0	(4.29)	8.8 !	(3.45)
South Asian <sup>5</sup>	82	(5.4)	10.0	(0.63)	8.9	(0.60)	27.8	(4.04)	24.1	(6.46)
Asian Indian	52	(4.3)	7.7	(0.61)	6.6	(0.60)	27.0	(4.53)	23.0	(6.06)
Bangladeshi	10	(1.7)	30.0	(4.25)	31.4	(4.45)	+	(+)	+	(+)
Bhutanese	—	(+)	—	(+)	—	(+)	—	(+)	—	(+)
Nepalese	—	(+)	—	(+)	—	(+)	—	(+)	—	(+)
Pakistani	20	(2.4)	19.2	(2.32)	17.6	(2.14)	42.5	(12.51)	+	(+)
Southeast Asian	140	(6.3)	21.7	(0.89)	17.2	(1.00)	34.8	(2.16)	38.0	(4.67)
Burmese	—	(+)	—	(+)	—	(+)	—	(+)	—	(+)
Cambodian	17	(2.4)	26.3	(2.94)	20.2	(4.30)	35.4	(5.11)	39.0	(9.46)
Hmong	40	(4.4)	39.7	(3.60)	30.9	(3.86)	61.2	(6.69)	63.6	(8.43)
Laotian	11	(2.3)	20.5	(3.72)	18.0 !	(5.48)	26.4	(5.10)	17.3 !	(5.96)
Thai	5 !	(1.8)	23.3	(6.49)	23.9 !	(7.98)	+	(+)	+	(+)
Vietnamese	63	(4.2)	16.3	(1.04)	12.8	(1.01)	31.7	(3.38)	28.6	(5.76)
Other Southeast Asian <sup>6</sup>	5	(1.3)	22.6	(5.67)	23.4	(6.10)	+	(+)	+	(+)
Other Asian	32	(2.8)	15.8	(1.28)	13.2	(1.28)	29.6	(4.05)	21.7 !	(6.98)
Pacific Islander	28	(2.9)	22.0	(2.24)	18.8	(2.68)	33.3	(4.82)	18.0 !	(5.47)
American Indian/Alaska Native <sup>7</sup>	188	(6.5)	34.0	(1.16)	18.7	(1.45)	49.9	(1.92)	41.5	(2.72)
American Indian	159	(6.0)	35.5	(1.25)	19.2	(1.63)	52.5	(1.99)	41.8	(3.05)
Alaska Native	9	(1.4)	24.6	(3.44)	13.5	(3.36)	37.1	(6.49)	26.6 !	(8.25)
Some other race <sup>8</sup>	35	(3.3)	19.7	(1.60)	11.3	(1.74)	34.9	(4.07)	35.4	(6.89)
Two or more races	591	(14.1)	21.3	(0.48)	8.7	(0.37)	41.0	(0.88)	28.1	(1.33)
<b>2016</b>										
<b>Total</b>	<b>13,730</b>	<b>(107.9)</b>	<b>19.1</b>	<b>(0.15)</b>	<b>9.3</b>	<b>(0.11)</b>	<b>41.1</b>	<b>(0.27)</b>	<b>24.8</b>	<b>(0.35)</b>
White	4,183	(48.9)	11.4	(0.13)	5.8	(0.11)	32.5	(0.35)	19.0	(0.42)
Black	3,256	(35.9)	33.7	(0.34)	13.0	(0.42)	46.3	(0.49)	34.6	(0.93)
Hispanic	5,021	(54.1)	28.0	(0.30)	17.7	(0.30)	47.0	(0.52)	28.3	(0.70)
Cuban	77	(4.4)	17.7	(0.95)	9.8	(0.97)	33.3	(2.30)	20.2	(3.06)
Dominican	159	(8.9)	29.6	(1.36)	13.2	(1.57)	46.7	(2.22)	28.7	(3.61)
Mexican	3,550	(43.4)	29.1	(0.33)	19.4	(0.37)	48.5	(0.61)	28.5	(0.84)
Puerto Rican	494	(15.2)	29.3	(0.83)	11.3	(0.79)	47.3	(1.34)	30.2	(2.13)
Spaniard	27	(3.8)	13.6	(1.79)	4.7	(0.95)	40.3	(5.41)	20.0 !	(6.04)
Central American <sup>3</sup>	454	(15.2)	29.9	(0.78)	20.7	(0.93)	46.4	(1.28)	32.0	(2.16)
Costa Rican	6	(1.5)	18.2	(4.15)	8.4 !	(4.04)	39.8	(8.72)	+	(+)
Guatemalan	164	(9.5)	37.7	(1.53)	30.4	(2.06)	52.3	(2.70)	41.6	(4.64)
Honduran	111	(7.4)	36.5	(1.79)	23.3	(2.30)	55.7	(2.82)	34.6	(5.20)
Nicaraguan	21	(2.9)	21.9	(2.63)	13.6	(2.76)	38.0	(5.32)	15.7 !	(7.58)
Panamanian	5	(1.4)	14.2	(3.27)	0.8 !	(0.39)	34.9	(7.31)	+	(+)
Salvadoran	144	(6.5)	23.9	(0.99)	15.4	(1.07)	39.5	(2.11)	27.1	(3.00)
South American	112	(7.0)	14.7	(0.81)	8.7	(0.84)	32.7	(2.21)	12.3	(2.42)
Chilean	4 !	(1.9)	12.3 !	(5.54)	+	(+)	+	(+)	+	(+)
Colombian	33	(2.8)	14.2	(1.16)	8.4	(1.43)	32.4	(3.36)	8.6 !	(3.20)
Ecuadorian	32	(4.1)	18.0	(1.97)	9.9	(1.82)	42.3	(4.49)	+	(+)
Peruvian	20	(2.5)	15.7	(1.71)	8.2	(1.42)	25.8	(4.55)	35.3	(8.57)
Venezuelan	11	(2.0)	13.2	(2.22)	10.8	(2.58)	25.6	(6.33)	+	(+)
Other South American	12	(2.1)	10.9	(1.83)	5.8	(1.43)	30.1	(5.74)	+	(+)
Other Hispanic	148	(8.1)	25.2	(1.06)	14.9	(1.22)	42.6	(2.39)	31.2	(3.32)

See notes at end of table.

**Table 102.60. Number and percentage of related children under age 18 living in poverty, by family structure, race/ethnicity, and selected racial/ethnic subgroups: 2010 and 2016—Continued**  
 [Standard errors appear in parentheses]

Year and race/ethnicity	Number of related children <sup>1</sup> living in poverty (in thousands)		Percent of related children <sup>1</sup> living in poverty, by family structure							
			Total, all families		Married-couple household <sup>2</sup>		Female householder, no spouse present <sup>2</sup>		Male householder, no spouse present <sup>2</sup>	
1	2		3		4		5		6	
Asian.....	371	(10.0)	10.9	(0.29)	8.6	(0.29)	26.9	(1.27)	17.1	(1.70)
Chinese <sup>4</sup> .....	85	(4.7)	11.7	(0.61)	8.6	(0.61)	30.0	(2.20)	24.5	(4.52)
Filipino.....	24	(2.6)	5.9	(0.65)	4.2	(0.63)	14.0	(2.15)	7.2	(2.49)
Japanese.....	4	(1.1)	5.7	(1.45)	4.3	(1.48)	23.7	(9.33)	†	(†)
Korean.....	21	(2.7)	9.4	(1.06)	6.9	(0.98)	27.5	(4.76)	31.8	(11.50)
South Asian <sup>5</sup> .....	99	(5.5)	8.8	(0.49)	7.7	(0.45)	28.2	(3.78)	13.6	(4.00)
Asian Indian.....	52	(4.1)	5.8	(0.45)	4.8	(0.40)	24.1	(3.68)	10.3	(4.67)
Bangladeshi.....	3	(1.0)	36.8	(11.67)	34.4	(11.49)	†	(†)	†	(†)
Bhutanese.....	†	(†)	†	(†)	†	(†)	†	(†)	†	(†)
Nepalese.....	6	(1.3)	18.4	(3.93)	16.7	(3.83)	†	(†)	†	(†)
Pakistani.....	23	(3.1)	18.2	(2.30)	17.5	(2.31)	29.1	(8.92)	†	(†)
Southeast Asian.....	114	(5.7)	18.5	(0.91)	15.4	(0.95)	30.6	(3.07)	20.0	(3.48)
Burmese.....	20	(2.8)	35.8	(4.08)	37.2	(4.59)	44.0	(13.77)	†	(†)
Cambodian.....	9	(1.7)	16.3	(2.71)	11.3	(3.91)	23.3	(4.99)	19.8	(8.33)
Hmong.....	25	(3.6)	27.6	(3.70)	29.4	(4.71)	27.8	(8.64)	20.3	(7.29)
Laotian.....	4	(1.2)	14.1	(3.44)	5.4	(1.84)	45.6	(11.86)	†	(†)
Thai.....	3	(0.8)	12.7	(3.66)	8.0	(2.92)	†	(†)	†	(†)
Vietnamese.....	52	(4.1)	14.5	(1.06)	10.6	(1.05)	30.7	(3.96)	24.7	(5.59)
Other Southeast Asian <sup>6</sup> .....	†	(†)	†	(†)	†	(†)	†	(†)	†	(†)
Other Asian.....	11	(2.2)	20.5	(3.64)	18.0	(3.86)	34.4	(9.48)	†	(†)
Pacific Islander.....	29	(3.7)	22.9	(2.60)	16.6	(3.24)	37.1	(5.13)	21.6	(7.79)
American Indian/Alaska Native <sup>7</sup> .....	186	(6.6)	34.4	(1.13)	19.4	(1.24)	50.9	(1.77)	40.2	(2.72)
American Indian.....	164	(5.9)	35.7	(1.16)	20.2	(1.38)	51.2	(1.88)	44.4	(2.79)
Alaska Native.....	11	(1.6)	30.9	(4.91)	22.6	(4.80)	52.4	(10.27)	19.1	(6.69)
Some other race <sup>8</sup> .....	51	(4.2)	21.1	(1.48)	11.9	(1.47)	40.5	(4.07)	22.1	(5.32)
Two or more races.....	633	(14.9)	18.7	(0.41)	8.1	(0.42)	36.7	(0.83)	23.4	(1.34)

—Not available.

†Not applicable.

!Interpret data with caution. The coefficient of variation (CV) for this estimate is between 30 and 50 percent.

‡Reporting standards not met. Either there are too few cases for a reliable estimate or the coefficient of variation (CV) is 50 percent or greater.

<sup>1</sup>Related children in a family include all children in the household who are related to the householder by birth, marriage, or adoption (except a child who is the spouse of the householder). The householder is the person (or one of the people) who owns or rents (maintains) the housing unit. This table includes only children related to the householder. It excludes unrelated children and householders who are themselves under the age of 18.

<sup>2</sup>To determine family structure, children are classified by their parents' marital status or, if no parents are present in the household, by the marital status of the householder who is related to the children.

<sup>3</sup>Includes other Central American subgroups not shown separately.

<sup>4</sup>Includes Taiwanese.

<sup>5</sup>In addition to the subgroups shown, also includes Sri Lankan.

<sup>6</sup>Consists of Indonesian and Malaysian.

<sup>7</sup>Includes persons reporting American Indian alone, persons reporting Alaska Native alone, and persons from American Indian and/or Alaska Native tribes specified or not specified.

<sup>8</sup>Respondents who wrote in some other race that was not included as an option on the questionnaire.

NOTE: Respondents were interviewed throughout the given year and reported the income they received during the previous 12 months. Data are based on sample surveys of the entire population residing within the United States. Poverty status is determined by the Census Bureau using a set of money income thresholds that vary by family size and composition. For additional information about poverty status, see <https://www.census.gov/topics/income-poverty/poverty/guidance/poverty-measures.html>. Poverty estimates in this table may differ from table 102.50's official national poverty estimates, which are based on a different data source (the Current Population Survey). Detail may not sum to totals because of rounding. Race categories exclude persons of Hispanic ethnicity.

SOURCE: U.S. Department of Commerce, Census Bureau, American Community Survey (ACS), 2010 and 2016. (This table was prepared November 2017.)

**Table 102.62. Percentage of children under age 18 living in poverty, by parents' highest level of educational attainment, child's race/ethnicity, and selected racial/ethnic subgroups: 2010 and 2016**  
 [Standard errors appear in parentheses]

Year and race/ethnicity	Percent in poverty, all children under age 18 who resided with at least one parent <sup>1</sup>	Percent of children in poverty, by highest level of education attained by any parent residing with child <sup>1</sup>							
		Less than high school completion	High school completion <sup>2</sup>	Some college, no degree	Associate's degree	Bachelor's or higher degree			
						Total	Bachelor's degree	Master's degree	Doctor's degree <sup>3</sup>
1	2	3	4	5	6	7	8	9	10
<b>2010</b>	<b>20.8 (0.13)</b>	<b>53.4 (0.33)</b>	<b>32.3 (0.25)</b>	<b>23.0 (0.22)</b>	<b>12.7 (0.27)</b>	<b>4.3 (0.08)</b>	<b>5.6 (0.12)</b>	<b>2.8 (0.10)</b>	<b>2.1 (0.13)</b>
White	12.5 (0.12)	48.8 (0.75)	24.6 (0.31)	17.1 (0.25)	8.8 (0.23)	3.2 (0.08)	4.1 (0.13)	2.1 (0.10)	1.5 (0.14)
Black	37.6 (0.39)	72.8 (0.76)	49.0 (0.65)	36.9 (0.72)	23.9 (0.99)	8.0 (0.37)	10.0 (0.51)	4.6 (0.57)	4.7 (1.12)
Hispanic	31.8 (0.23)	50.6 (0.42)	34.1 (0.44)	24.8 (0.50)	16.4 (0.68)	7.9 (0.33)	9.5 (0.45)	4.9 (0.55)	4.9 (0.73)
Cuban	18.6 (1.12)	52.3 (5.24)	27.0 (2.56)	21.9 (2.80)	11.4 (2.21)	6.7 (1.07)	9.5 (1.77)	2.2! (0.99)	3.4! (1.52)
Dominican	33.9 (1.22)	50.9 (3.29)	46.5 (2.73)	32.2 (2.61)	11.1 (2.60)	11.1 (1.91)	14.2 (2.60)	† (†)	† (†)
Mexican	33.8 (0.28)	50.7 (0.49)	34.4 (0.53)	24.9 (0.62)	15.8 (0.90)	8.1 (0.44)	9.1 (0.58)	5.7 (0.91)	5.9 (1.19)
Puerto Rican	33.3 (0.78)	68.6 (2.06)	38.7 (1.44)	29.0 (1.42)	23.7 (2.50)	7.9 (0.83)	9.9 (1.20)	5.1! (1.58)	† (†)
Spaniard	16.9 (1.58)	44.1 (8.89)	30.9 (4.83)	21.6 (3.34)	17.0! (5.73)	3.4! (1.05)	3.9! (1.28)	† (†)	† (†)
Central American <sup>4</sup>	26.8 (0.79)	40.0 (1.44)	26.8 (1.63)	19.7 (1.62)	10.0 (1.87)	9.5 (1.33)	11.8 (1.86)	4.4! (1.85)	8.1! (3.51)
Costa Rican	18.9 (3.67)	† (†)	28.7! (9.73)	29.7 (8.13)	† (†)	† (†)	† (†)	† (†)	† (†)
Guatemalan	31.2 (1.67)	50.2 (2.44)	27.4 (3.45)	22.4 (3.74)	11.0! (3.37)	8.3 (1.99)	11.5 (3.40)	† (†)	† (†)
Honduran	33.5 (2.15)	41.0 (3.44)	37.0 (4.44)	25.8 (4.58)	12.4! (5.46)	19.4 (4.59)	24.5 (6.06)	† (†)	† (†)
Nicaraguan	21.6 (2.96)	51.2 (7.70)	29.2 (5.70)	20.1 (5.13)	† (†)	† (†)	† (†)	† (†)	† (†)
Panamanian	15.5 (3.54)	† (†)	41.9! (17.94)	15.7! (5.31)	† (†)	8.9! (3.92)	18.3! (7.25)	† (†)	† (†)
Salvadoran	23.8 (1.09)	33.6 (2.28)	20.7 (2.13)	15.4 (2.26)	9.9 (2.87)	11.9 (2.65)	11.3 (2.71)	† (†)	† (†)
South American	17.0 (0.77)	41.7 (3.69)	25.7 (1.99)	18.4 (1.80)	16.5 (2.61)	7.4 (0.82)	9.8 (1.22)	3.6 (0.94)	5.1! (1.58)
Chilean	10.9 (3.02)	† (†)	13.2! (5.94)	23.0! (10.50)	† (†)	† (†)	† (†)	† (†)	† (†)
Colombian	13.8 (1.29)	37.1 (8.57)	24.6 (3.47)	16.3 (2.92)	10.2! (3.53)	6.0 (1.26)	7.5 (1.88)	3.2! (1.45)	† (†)
Ecuadorian	24.2 (2.05)	42.4 (4.95)	29.8 (4.40)	21.9 (4.73)	17.2 (4.90)	9.8 (2.85)	11.5! (4.06)	† (†)	† (†)
Peruvian	17.9 (2.17)	65.0 (11.70)	22.9 (4.15)	17.1 (4.07)	10.5! (4.43)	11.4 (2.43)	13.8 (2.98)	† (†)	† (†)
Venezuelan	17.1 (3.20)	† (†)	37.8! (12.96)	† (†)	61.0 (11.07)	7.3 (1.84)	8.3! (2.75)	† (†)	† (†)
Other South American	14.0 (1.89)	33.0 (8.91)	24.5 (6.93)	20.6 (4.29)	10.8! (5.38)	4.5! (1.40)	8.3! (2.85)	† (†)	† (†)
Other Hispanic	28.2 (1.18)	52.8 (3.10)	34.7 (2.38)	24.9 (2.09)	18.2 (3.39)	7.5 (1.25)	9.2 (1.79)	6.0! (2.32)	3.6! (1.52)
Asian	12.0 (0.30)	41.7 (1.71)	24.3 (1.26)	15.2 (0.99)	11.0 (1.09)	5.2 (0.27)	7.0 (0.43)	4.1 (0.37)	2.7 (0.35)
Chinese <sup>5</sup>	9.5 (0.53)	32.0 (2.77)	23.5 (2.60)	12.8 (2.11)	9.5 (2.17)	3.8 (0.39)	6.1 (0.92)	3.1 (0.66)	2.4 (0.56)
Filipino	5.2 (0.71)	10.6! (4.73)	12.4 (3.03)	9.1 (1.83)	7.6! (2.61)	2.8 (0.59)	2.9 (0.67)	† (†)	† (†)
Japanese	4.5 (1.14)	† (†)	26.9! (10.91)	† (†)	† (†)	2.7! (0.91)	3.7! (1.45)	† (†)	† (†)
Korean	12.9 (0.99)	† (†)	16.9 (4.85)	18.2 (5.18)	6.0! (2.17)	11.7 (1.16)	14.9 (1.66)	10.7 (1.70)	6.6 (1.86)
South Asian <sup>6</sup>	9.9 (0.63)	50.7 (4.76)	26.9 (3.38)	22.7 (3.92)	17.7 (3.66)	4.9 (0.49)	8.7 (1.16)	3.2 (0.53)	1.6! (0.50)
Asian Indian	7.6 (0.61)	49.2 (5.88)	25.0 (4.31)	22.9 (4.32)	13.0! (4.52)	3.6 (0.49)	7.4 (1.25)	1.9 (0.42)	0.9! (0.45)
Bangladeshi	30.0 (4.25)	79.5 (9.81)	† (†)	† (†)	† (†)	21.3 (4.96)	24.8! (7.93)	23.5! (8.18)	† (†)
Bhutanese	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)
Nepalese	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)
Pakistani	19.2 (2.33)	43.5 (10.91)	33.9 (6.31)	† (†)	30.5! (10.37)	11.1 (2.00)	12.2 (3.16)	12.0! (3.80)	† (†)
Southeast Asian	21.4 (0.91)	43.0 (2.51)	27.5 (2.04)	16.1 (1.74)	12.1 (2.36)	7.0 (1.07)	8.0 (1.32)	6.0 (1.55)	† (†)
Burmese	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)
Cambodian	27.2 (3.09)	57.0 (6.67)	31.3 (7.65)	19.3! (6.53)	† (†)	4.7! (2.22)	† (†)	† (†)	† (†)
Hmong	39.5 (3.68)	70.2 (6.78)	39.2 (6.62)	16.5! (5.47)	20.6! (8.76)	13.7! (6.32)	19.3! (8.84)	† (†)	† (†)
Laotian	19.0 (3.16)	27.7! (8.40)	26.7 (6.08)	14.4 (4.29)	† (†)	† (†)	† (†)	† (†)	† (†)
Thai	23.2 (6.73)	† (†)	† (†)	† (†)	† (†)	† (†)	† (†)	† (†)	† (†)
Vietnamese	15.9 (1.01)	28.2 (2.48)	22.9 (2.47)	15.7 (2.27)	10.1 (2.52)	5.2 (0.96)	5.9 (1.07)	† (†)	† (†)
Other Southeast Asian <sup>7</sup>	22.9 (5.69)	† (†)	† (†)	† (†)	† (†)	17.1! (5.22)	15.2! (7.06)	22.8! (8.78)	† (†)
Other Asian	15.9 (1.29)	54.3 (6.45)	23.8 (4.15)	21.1 (4.47)	12.1 (3.55)	5.6 (0.96)	6.1 (1.51)	6.3! (2.46)	3.4! (1.54)
Pacific Islander	22.4 (2.29)	68.3 (9.33)	23.6 (3.90)	18.7 (3.45)	21.8 (6.17)	11.7! (5.04)	13.5! (6.66)	† (†)	† (†)
American Indian/Alaska Native <sup>8</sup>	33.9 (1.16)	65.0 (2.96)	42.0 (2.30)	29.8 (1.88)	20.1 (2.76)	12.6 (2.24)	14.6 (3.03)	6.0! (2.77)	15.2! (5.64)
American Indian	35.4 (1.24)	66.7 (2.92)	44.5 (2.58)	31.1 (2.16)	19.8 (2.96)	12.6 (2.63)	14.5 (3.55)	3.6! (1.81)	22.1! (8.12)
Alaska Native	25.3 (3.55)	61.6 (12.23)	32.1 (5.12)	15.8! (5.45)	† (†)	† (†)	† (†)	† (†)	† (†)
Some other race <sup>9</sup>	19.3 (1.63)	41.5 (6.50)	30.9 (4.30)	22.9 (4.49)	9.0! (4.28)	6.6! (2.05)	13.8! (4.15)	† (†)	† (†)
Two or more races	21.0 (0.49)	57.8 (2.04)	35.8 (1.38)	27.1 (0.77)	18.0 (1.38)	5.3 (0.39)	7.2 (0.60)	3.4 (0.45)	1.7! (0.52)
<b>2016</b>	<b>18.7 (0.15)</b>	<b>49.8 (0.44)</b>	<b>32.0 (0.31)</b>	<b>22.0 (0.23)</b>	<b>12.7 (0.25)</b>	<b>4.1 (0.07)</b>	<b>5.5 (0.11)</b>	<b>2.7 (0.10)</b>	<b>2.1 (0.15)</b>
White	11.1 (0.13)	46.2 (0.96)	24.8 (0.37)	16.7 (0.28)	9.3 (0.30)	2.9 (0.08)	4.0 (0.12)	1.9 (0.11)	1.4 (0.14)
Black	33.5 (0.36)	68.9 (1.09)	48.3 (0.70)	33.9 (0.62)	22.0 (0.89)	8.0 (0.36)	10.2 (0.57)	5.1 (0.48)	4.8 (0.91)
Hispanic	27.9 (0.30)	47.5 (0.51)	31.5 (0.57)	22.5 (0.49)	15.4 (0.59)	6.9 (0.28)	8.4 (0.40)	3.6 (0.37)	5.7 (0.66)
Cuban	17.6 (0.96)	48.2 (5.58)	28.7 (2.46)	17.5 (2.19)	18.2 (3.27)	6.5 (1.01)	8.8 (1.79)	1.2! (0.60)	7.3! (2.70)
Dominican	29.3 (1.39)	57.4 (3.86)	38.5 (2.86)	27.8 (2.30)	17.3 (3.15)	10.0 (1.80)	12.6 (2.50)	† (†)	12.4! (5.37)
Mexican	29.0 (0.34)	46.6 (0.57)	31.4 (0.58)	22.1 (0.60)	14.3 (0.73)	6.3 (0.39)	7.4 (0.55)	3.6 (0.56)	5.5 (1.08)
Puerto Rican	29.0 (0.83)	66.2 (2.39)	39.1 (1.56)	26.2 (1.31)	17.1 (1.32)	7.9 (0.91)	10.2 (1.33)	4.6 (1.01)	† (†)
Spaniard	13.1 (1.81)	51.7 (9.03)	29.2 (5.43)	16.0 (4.49)	21.1 (5.44)	2.7! (0.87)	3.3! (1.17)	† (†)	† (†)
Central American <sup>4</sup>	29.8 (0.81)	45.6 (1.44)	27.9 (1.49)	21.5 (1.82)	19.6 (2.74)	8.0 (1.10)	9.9 (1.50)	† (†)	6.5! (2.89)
Costa Rican	17.8 (4.15)	† (†)	30.6! (10.52)	† (†)	† (†)	7.9! (2.74)	8.2! (4.04)	† (†)	† (†)
Guatemalan	37.7 (1.58)	55.0 (2.37)	32.6 (3.64)	26.0 (4.22)	24.0 (6.46)	10.8 (2.73)	13.5 (3.50)	† (†)	† (†)
Honduran	35.9 (1.77)	50.1 (3.01)	33.2 (3.44)	32.3 (4.76)	18.9! (6.49)	9.2! (2.77)	11.9! (3.88)	† (†)	† (†)
Nicaraguan	21.5 (2.63)	40.9 (10.98)	30.4 (5.30)	15.7 (4.25)	24.2! (8.40)	8.1! (2.93)	12.5! (4.47)	† (†)	† (†)
Panamanian	14.5 (3.36)	† (†)	43.0 (12.39)	† (†)	† (†)	† (†)	† (†)	† (†)	† (†)
Salvadoran	23.9 (1.00)	35.2 (2.10)	22.1 (2.23)	15.0 (2.20)	15.5 (4.56)	7.1 (1.73)	7.8! (2.47)	3.0! (1.44)	† (†)

See notes at end of table.

**Table 102.62. Percentage of children under age 18 living in poverty, by parents' highest level of educational attainment, child's race/ethnicity, and selected racial/ethnic subgroups: 2010 and 2016—Continued**  
 [Standard errors appear in parentheses]

Year and race/ethnicity	Percent in poverty, all children under age 18 who resided with at least one parent <sup>1</sup>	Percent of children in poverty, by highest level of education attained by any parent residing with child <sup>1</sup>							
		Less than high school completion	High school completion <sup>2</sup>	Some college, no degree	Associate's degree	Bachelor's or higher degree			
						Total	Bachelor's degree	Master's degree	Doctor's degree <sup>3</sup>
1	2	3	4	5	6	7	8	9	10
South American .....	14.6 (0.81)	31.6 (4.50)	23.4 (2.02)	18.3 (2.29)	14.9 (2.59)	7.1 (0.80)	9.2 (1.38)	4.1 (1.05)	6.3 (1.85)
Chilean.....	12.2 ! (5.62)	† (†)	† (†)	43.1 ! (20.73)	† (†)	† (†)	† (†)	† (†)	† (†)
Colombian.....	14.1 (1.18)	27.6 ! (8.72)	25.6 (3.75)	20.9 (3.86)	13.1 (3.43)	6.5 (1.46)	9.9 (2.63)	2.9 ! (1.16)	† (†)
Ecuadorian.....	17.9 (1.99)	28.1 (5.04)	19.7 (3.94)	16.5 (3.42)	18.7 ! (6.37)	11.8 (2.97)	14.5 ! (4.46)	† (†)	† (†)
Peruvian.....	15.3 (1.74)	42.8 (11.32)	20.9 (4.04)	22.5 (5.54)	11.1 ! (4.63)	5.2 ! (1.85)	8.6 ! (3.15)	† (†)	† (†)
Venezuelan.....	13.4 (2.25)	† (†)	34.2 ! (11.87)	† (†)	26.7 ! (8.16)	8.5 (2.11)	5.1 ! (2.17)	11.6 ! (4.74)	12.7 ! (5.00)
Other South American .....	10.8 (1.76)	25.7 ! (9.13)	31.0 (8.14)	8.2 ! (3.39)	† (†)	5.0 (1.38)	7.9 ! (2.62)	† (†)	† (†)
Other Hispanic.....	25.2 (1.11)	51.5 (3.36)	27.0 (2.06)	23.8 (2.05)	16.4 (3.01)	9.3 (1.41)	11.8 (2.07)	6.5 ! (2.23)	3.9 ! (1.56)
Asian.....	10.7 (0.29)	36.5 (1.93)	23.7 (1.48)	15.5 (1.02)	13.0 (1.41)	5.1 (0.26)	6.8 (0.40)	4.4 (0.41)	2.6 (0.36)
Chinese <sup>5</sup> .....	11.5 (0.62)	31.8 (3.56)	20.8 (2.78)	22.8 (3.09)	13.6 (2.40)	6.0 (0.55)	8.0 (0.98)	6.4 (0.97)	3.6 (0.75)
Filipino.....	5.9 (0.67)	18.1 ! (7.13)	10.0 (2.66)	10.2 (1.88)	10.3 ! (3.24)	3.4 (0.54)	3.9 (0.66)	1.8 ! (0.79)	† (†)
Japanese.....	5.5 (1.46)	† (†)	† (†)	† (†)	† (†)	4.6 (1.19)	6.6 ! (2.28)	† (†)	† (†)
Korean.....	9.0 (1.03)	† (†)	19.6 (5.57)	5.8 ! (2.03)	9.5 ! (2.90)	7.7 (1.12)	8.7 (1.62)	9.9 (2.27)	3.4 ! (1.15)
South Asian <sup>6</sup> .....	8.6 (0.48)	44.1 (4.74)	35.8 (3.71)	16.9 (2.76)	15.6 (2.86)	4.5 (0.44)	8.1 (0.77)	3.2 (0.57)	1.8 (0.47)
Asian Indian.....	5.6 (0.44)	39.7 (7.81)	31.4 (4.47)	11.6 (2.89)	13.7 (3.18)	2.9 (0.34)	5.3 (0.73)	2.0 (0.40)	1.8 (0.52)
Bangladeshi.....	32.2 (4.69)	† (†)	48.9 (10.31)	35.6 ! (12.36)	† (†)	26.3 (5.18)	26.5 (6.01)	30.2 ! (9.94)	† (†)
Bhutanese.....	36.2 ! (11.52)	† (†)	† (†)	† (†)	† (†)	† (†)	† (†)	† (†)	† (†)
Nepalese.....	17.7 (3.97)	36.7 (10.79)	26.1 ! (9.57)	† (†)	† (†)	8.5 ! (3.89)	† (†)	† (†)	† (†)
Pakistani.....	18.3 (2.35)	53.6 (9.54)	51.0 (10.02)	36.5 (9.11)	18.8 ! (8.70)	10.3 (1.80)	16.0 (3.33)	9.4 ! (3.03)	† (†)
Southeast Asian.....	18.1 (0.90)	36.2 (2.57)	24.7 (2.69)	17.5 (2.19)	14.1 (3.09)	5.0 (0.89)	5.0 (1.07)	6.4 ! (2.51)	† (†)
Burmese.....	35.9 (4.14)	48.9 (5.59)	23.0 ! (7.34)	† (†)	† (†)	16.2 ! (7.71)	23.7 ! (10.70)	† (†)	† (†)
Cambodian.....	16.1 (2.78)	25.8 ! (8.39)	17.7 (5.12)	14.7 ! (5.69)	† (†)	† (†)	† (†)	† (†)	† (†)
Hmong.....	27.6 (3.71)	62.1 (10.11)	37.2 (8.71)	14.7 ! (4.86)	26.7 ! (8.32)	† (†)	† (†)	† (†)	† (†)
Laotian.....	12.8 (3.46)	16.3 ! (7.09)	18.2 ! (7.54)	14.5 ! (6.30)	† (†)	† (†)	† (†)	† (†)	† (†)
Thai.....	12.8 (3.75)	† (†)	† (†)	† (†)	† (†)	† (†)	† (†)	† (†)	† (†)
Vietnamese.....	14.1 (1.07)	25.3 (3.06)	23.5 (3.37)	19.6 (2.92)	11.0 (2.87)	3.7 (0.83)	4.2 (1.17)	† (†)	† (†)
Other Southeast Asian <sup>7</sup> .....	13.5 ! (4.97)	† (†)	† (†)	† (†)	† (†)	6.1 ! (2.61)	† (†)	† (†)	† (†)
Other Asian.....	10.3 (1.24)	40.1 (9.27)	21.7 (5.20)	9.8 ! (3.02)	13.2 ! (5.07)	5.3 (1.21)	8.1 (1.91)	3.5 ! (1.27)	† (†)
Pacific Islander.....	22.1 (2.49)	27.3 (7.48)	30.7 (4.88)	23.1 (4.23)	8.7 ! (3.48)	11.1 ! (4.30)	11.5 ! (5.32)	† (†)	† (†)
American Indian/Alaska Native <sup>8</sup> .....	33.8 (1.20)	61.5 (2.93)	46.2 (2.06)	33.3 (1.81)	20.3 (2.92)	11.7 (1.58)	14.8 (2.32)	6.9 ! (2.84)	† (†)
American Indian.....	34.9 (1.25)	61.9 (3.20)	49.0 (2.30)	33.7 (1.79)	21.5 (3.19)	11.6 (1.81)	14.4 (2.49)	7.7 ! (3.42)	† (†)
Alaska Native.....	31.9 (5.20)	65.7 (8.37)	34.6 (5.03)	31.2 ! (10.74)	† (†)	† (†)	† (†)	† (†)	† (†)
Some other race <sup>9</sup> .....	21.1 (1.55)	34.5 (6.06)	36.4 (4.29)	30.3 (4.35)	8.2 ! (3.57)	5.9 (1.48)	6.1 ! (1.97)	7.8 ! (2.98)	† (†)
Two or more races.....	18.6 (0.41)	56.0 (2.32)	36.6 (1.32)	25.0 (0.97)	15.9 (0.99)	4.9 (0.32)	6.7 (0.52)	3.5 (0.50)	1.8 (0.44)

—Not available.  
 †Not applicable.  
 !Interpret data with caution. The coefficient of variation (CV) for this estimate is between 30 and 50 percent.  
 ‡Reporting standards not met. Either there are too few cases for a reliable estimate or the coefficient of variation (CV) is 50 percent or greater.  
<sup>1</sup>Parents include adoptive and stepparents, but exclude parents not residing in the same household as their children.  
<sup>2</sup>Includes parents who completed high school through equivalency programs, such as a GED program.  
<sup>3</sup>Includes parents with professional degrees.  
<sup>4</sup>Includes other Central American subgroups not shown separately.  
<sup>5</sup>Includes Taiwanese.  
<sup>6</sup>In addition to the subgroups shown, also includes Sri Lankan.  
<sup>7</sup>Consists of Indonesian and Malaysian.

<sup>8</sup>Includes persons reporting American Indian alone, persons reporting Alaska Native alone, and persons from American Indian and/or Alaska Native tribes specified or not specified.  
<sup>9</sup>Respondents who wrote in some other race that was not included as an option on the questionnaire.  
 NOTE: Table includes only children under the age of 18 who resided with at least one of their parents (including an adoptive or stepparent). Respondents were interviewed throughout the given year and reported the income they received during the previous 12 months. Data are based on sample surveys of the entire population residing within the United States. Poverty status is determined by the Census Bureau using a set of money income thresholds that vary by family size and composition. For additional information about poverty status, see <https://www.census.gov/topics/income-poverty/poverty/guidance/poverty-measures.html>. Race categories exclude persons of Hispanic ethnicity.  
 SOURCE: U.S. Department of Commerce, Census Bureau, American Community Survey (ACS), 2010 and 2016. (This table was prepared November 2017.)

**Table 103.10. Percentage of the population 3 to 34 years old enrolled in school, by sex, race/ethnicity, and age group: Selected years, 1980 through 2016**

[Standard errors appear in parentheses]

Year and age group	Total				Male				Female			
	Total	White	Black	Hispanic	Total	White	Black	Hispanic	Total	White	Black	Hispanic
1	2	3	4	5	6	7	8	9	10	11	12	13
<b>1980</b>												
<b>Total, 3 to 34 years old</b> .....	<b>49.7 (0.21)</b>	<b>48.8 (0.24)</b>	<b>54.0 (0.69)</b>	<b>49.8 (1.40)</b>	<b>50.9 (0.30)</b>	<b>50.0 (0.34)</b>	<b>56.2 (0.99)</b>	<b>49.9 (2.00)</b>	<b>48.5 (0.30)</b>	<b>47.7 (0.34)</b>	<b>52.1 (0.95)</b>	<b>49.8 (1.98)</b>
3 and 4 years old .....	36.7 (0.95)	37.4 (1.12)	38.2 (2.85)	28.5 (5.13)	37.8 (1.34)	39.2 (1.59)	36.4 (3.98)	30.1 (7.03)	35.5 (1.35)	35.5 (1.59)	40.0 (4.08)	26.6 (7.48)
5 and 6 years old .....	95.7 (0.40)	95.9 (0.46)	95.5 (1.23)	94.5 (2.79)	95.0 (0.61)	95.4 (0.68)	94.1 (1.97)	94.0 (4.21)	96.4 (0.53)	96.5 (0.62)	97.0 (1.45)	94.9 (3.70)
7 to 9 years old .....	99.1 (0.15)	99.1 (0.18)	99.4 (0.36)	98.4 (1.19)	99.0 (0.22)	99.0 (0.26)	99.5 (0.46)	97.7 (2.05)	99.2 (0.20)	99.2 (0.24)	99.3 (0.55)	99.0 (1.29)
10 to 13 years old .....	99.4 (0.10)	99.4 (0.12)	99.4 (0.31)	99.7 (0.47)	99.4 (0.14)	99.4 (0.16)	99.4 (0.43)	99.4 (0.86)	99.4 (0.15)	99.3 (0.18)	99.3 (0.46)	99.9 (0.32)
14 and 15 years old .....	98.2 (0.22)	98.7 (0.22)	97.9 (0.73)	94.3 (2.46)	98.7 (0.27)	98.9 (0.28)	98.4 (0.89)	96.7 (2.74)	97.7 (0.36)	98.5 (0.34)	97.3 (1.16)	92.1 (3.91)
16 and 17 years old .....	89.0 (0.51)	89.2 (0.57)	90.7 (1.46)	81.8 (4.25)	89.1 (0.71)	89.4 (0.80)	90.7 (2.06)	81.5 (6.15)	88.8 (0.73)	89.0 (0.83)	90.6 (2.06)	82.2 (5.88)
18 and 19 years old .....	46.4 (0.80)	47.0 (0.91)	45.8 (2.58)	37.8 (5.16)	47.0 (1.15)	48.5 (1.30)	42.9 (3.76)	36.9 (7.12)	45.8 (1.12)	45.7 (1.27)	48.3 (3.55)	38.8 (7.47)
20 and 21 years old .....	31.0 (0.75)	33.0 (0.86)	23.3 (2.23)	19.5 (4.31)	32.6 (1.09)	34.8 (1.24)	22.8 (3.32)	21.4 (6.39)	29.5 (1.02)	31.3 (1.18)	23.7 (3.02)	17.6 ! (5.80)
22 to 24 years old .....	16.3 (0.49)	16.8 (0.56)	13.6 (1.54)	11.7 (2.96)	17.8 (0.73)	18.7 (0.84)	13.4 (2.31)	10.7 ! (4.11)	14.9 (0.66)	15.0 (0.75)	13.7 (2.07)	12.6 ! (4.25)
25 to 29 years old .....	9.3 (0.31)	9.4 (0.35)	8.8 (1.05)	6.9 (1.88)	9.8 (0.46)	9.8 (0.51)	10.6 (1.71)	6.8 ! (2.70)	8.8 (0.42)	9.1 (0.48)	7.5 (1.31)	6.9 ! (2.61)
30 to 34 years old .....	6.4 (0.27)	6.4 (0.30)	6.9 (1.01)	5.1 ! (1.77)	5.9 (0.38)	5.6 (0.40)	7.2 (1.56)	6.2 ! (2.72)	7.0 (0.39)	7.2 (0.45)	6.6 (1.33)	† (†)
<b>1990</b>												
<b>Total, 3 to 34 years old</b> .....	<b>50.2 (0.23)</b>	<b>49.8 (0.27)</b>	<b>52.2 (0.71)</b>	<b>47.2 (1.06)</b>	<b>50.9 (0.32)</b>	<b>50.4 (0.38)</b>	<b>54.3 (1.02)</b>	<b>46.8 (1.48)</b>	<b>49.5 (0.32)</b>	<b>49.2 (0.38)</b>	<b>50.3 (0.99)</b>	<b>47.7 (1.52)</b>
3 and 4 years old .....	44.4 (0.99)	47.2 (1.19)	41.8 (2.97)	30.7 (4.08)	43.9 (1.38)	47.9 (1.66)	38.1 (4.14)	28.0 (5.57)	44.9 (1.41)	46.6 (1.70)	45.5 (4.25)	33.6 (5.95)
5 and 6 years old .....	96.5 (0.37)	96.7 (0.43)	96.5 (1.05)	94.9 (1.96)	96.5 (0.51)	96.8 (0.59)	96.2 (1.53)	95.8 (2.48)	96.4 (0.53)	96.7 (0.62)	96.9 (1.43)	93.9 (3.05)
7 to 9 years old .....	99.7 (0.09)	99.7 (0.11)	99.8 (0.19)	99.5 (0.52)	99.7 (0.13)	99.7 (0.16)	99.9 (0.24)	99.5 (0.70)	99.6 (0.14)	99.7 (0.15)	99.8 (0.31)	99.4 (0.79)
10 to 13 years old .....	99.6 (0.09)	99.7 (0.10)	99.9 (0.15)	99.1 (0.64)	99.6 (0.13)	99.6 (0.14)	99.9 (0.19)	99.0 (0.93)	99.7 (0.12)	99.7 (0.13)	99.8 (0.24)	99.1 (0.87)
14 and 15 years old .....	99.0 (0.19)	99.0 (0.23)	99.4 (0.46)	99.0 (0.90)	99.1 (0.25)	99.2 (0.30)	99.7 (0.48)	99.1 (1.10)	98.9 (0.29)	98.9 (0.35)	99.1 (0.79)	98.8 (1.47)
16 and 17 years old .....	92.5 (0.52)	93.5 (0.58)	91.7 (1.59)	85.4 (3.22)	92.6 (0.72)	93.4 (0.82)	93.0 (2.09)	85.5 (4.39)	92.4 (0.74)	93.7 (0.81)	90.5 (2.41)	85.3 (4.73)
18 and 19 years old .....	57.2 (0.94)	59.1 (1.11)	55.0 (2.83)	44.0 (4.36)	58.2 (1.33)	59.7 (1.56)	60.4 (3.99)	40.7 (6.23)	56.3 (1.32)	58.5 (1.57)	49.8 (3.96)	47.2 (6.08)
20 and 21 years old .....	39.7 (0.92)	43.1 (1.10)	28.3 (2.56)	27.2 (3.82)	40.3 (1.32)	44.2 (1.59)	31.0 (3.81)	21.7 (4.94)	39.2 (1.28)	42.0 (1.53)	25.8 (3.45)	33.1 (5.79)
22 to 24 years old .....	21.0 (0.63)	21.9 (0.75)	19.7 (2.01)	9.9 (2.05)	22.3 (0.92)	23.7 (1.11)	19.3 (3.03)	11.2 (2.98)	19.9 (0.86)	20.3 (1.02)	20.0 (2.68)	8.4 ! (2.77)
25 to 29 years old .....	9.7 (0.33)	10.4 (0.39)	6.1 (0.87)	6.3 (1.29)	9.2 (0.46)	10.0 (0.55)	4.7 (1.14)	4.6 ! (1.55)	10.2 (0.47)	10.7 (0.56)	7.3 (1.27)	8.1 (2.05)
30 to 34 years old .....	5.8 (0.25)	6.2 (0.30)	4.5 (0.75)	3.6 (0.99)	4.8 (0.33)	5.0 (0.38)	2.3 ! (0.80)	4.0 ! (1.45)	6.9 (0.38)	7.4 (0.46)	6.3 (1.19)	3.1 ! (1.32)
<b>1995</b>												
<b>Total, 3 to 34 years old</b> .....	<b>53.7 (0.21)</b>	<b>53.8 (0.25)</b>	<b>56.3 (0.58)</b>	<b>49.7 (0.65)</b>	<b>54.3 (0.30)</b>	<b>54.2 (0.36)</b>	<b>58.6 (0.83)</b>	<b>49.1 (0.90)</b>	<b>53.2 (0.30)</b>	<b>53.4 (0.36)</b>	<b>54.1 (0.81)</b>	<b>50.3 (0.93)</b>
3 and 4 years old .....	48.7 (0.87)	52.2 (1.09)	47.8 (2.29)	36.9 (2.36)	49.4 (1.22)	51.1 (1.53)	52.4 (3.27)	40.8 (3.35)	48.1 (1.24)	53.5 (1.56)	43.4 (3.18)	32.7 (3.29)
5 and 6 years old .....	96.0 (0.34)	96.6 (0.39)	95.4 (0.97)	93.9 (1.23)	95.3 (0.52)	95.9 (0.60)	94.6 (1.48)	93.6 (1.75)	96.8 (0.44)	97.4 (0.49)	96.3 (1.24)	94.3 (1.72)
7 to 9 years old .....	98.7 (0.17)	98.9 (0.18)	97.7 (0.59)	98.5 (0.55)	98.9 (0.22)	99.0 (0.24)	98.1 (0.74)	98.8 (0.72)	98.5 (0.25)	98.9 (0.27)	97.2 (0.92)	98.2 (0.83)
10 to 13 years old .....	99.1 (0.12)	99.0 (0.15)	99.2 (0.30)	99.2 (0.36)	99.1 (0.17)	99.0 (0.21)	99.5 (0.34)	98.8 (0.59)	99.0 (0.18)	98.9 (0.22)	98.9 (0.50)	99.5 (0.39)
14 and 15 years old .....	98.9 (0.18)	98.8 (0.22)	99.0 (0.46)	98.9 (0.56)	99.0 (0.24)	98.9 (0.30)	99.6 (0.40)	98.4 (0.93)	98.8 (0.27)	98.7 (0.33)	98.3 (0.83)	99.4 (0.59)
16 and 17 years old .....	93.6 (0.42)	94.4 (0.47)	93.0 (1.16)	88.2 (1.83)	94.5 (0.55)	95.0 (0.63)	95.6 (1.30)	88.4 (2.59)	92.6 (0.64)	93.8 (0.72)	90.3 (1.94)	88.0 (2.58)
18 and 19 years old .....	59.4 (0.86)	61.8 (1.03)	57.5 (2.38)	46.1 (2.63)	59.5 (1.21)	61.9 (1.45)	59.2 (3.48)	47.4 (3.63)	59.2 (1.22)	61.8 (1.46)	56.1 (3.27)	44.8 (3.83)
20 and 21 years old .....	44.9 (0.90)	49.7 (1.10)	37.8 (2.47)	27.1 (2.37)	44.7 (1.29)	50.0 (1.57)	36.7 (3.67)	24.8 (3.30)	45.1 (1.25)	49.3 (1.54)	38.7 (3.35)	29.2 (3.40)
22 to 24 years old .....	23.2 (0.60)	24.4 (0.74)	20.0 (1.62)	15.6 (1.52)	22.8 (0.84)	24.1 (1.04)	20.6 (2.42)	14.8 (2.00)	23.6 (0.85)	24.8 (1.04)	19.5 (2.18)	16.6 (2.34)
25 to 29 years old .....	11.6 (0.34)	12.3 (0.42)	10.0 (0.95)	7.1 (0.88)	11.0 (0.48)	12.2 (0.59)	6.3 (1.16)	5.6 (1.10)	12.2 (0.49)	12.3 (0.59)	13.0 (1.41)	8.7 (1.38)
30 to 34 years old .....	5.9 (0.24)	5.7 (0.28)	7.7 (0.80)	4.7 (0.70)	5.4 (0.33)	5.0 (0.37)	6.9 (1.14)	4.5 (0.95)	6.5 (0.35)	6.3 (0.41)	8.3 (1.13)	4.9 (1.03)
<b>2000</b>												
<b>Total, 3 to 34 years old</b> .....	<b>55.9 (0.22)</b>	<b>56.0 (0.27)</b>	<b>59.3 (0.59)</b>	<b>51.3 (0.63)</b>	<b>55.8 (0.31)</b>	<b>55.8 (0.38)</b>	<b>59.7 (0.85)</b>	<b>50.5 (0.88)</b>	<b>56.0 (0.31)</b>	<b>56.1 (0.38)</b>	<b>59.0 (0.83)</b>	<b>52.2 (0.89)</b>
3 and 4 years old .....	52.1 (0.93)	54.6 (1.19)	59.8 (2.50)	35.9 (2.36)	50.8 (1.30)	54.1 (1.66)	58.0 (3.53)	31.9 (3.23)	53.4 (1.32)	55.2 (1.70)	61.8 (3.55)	40.0 (3.43)
5 and 6 years old .....	95.6 (0.38)	95.5 (0.49)	96.7 (0.89)	94.3 (1.13)	95.1 (0.56)	94.5 (0.76)	96.0 (1.38)	95.4 (1.41)	96.1 (0.51)	96.4 (0.63)	97.5 (1.12)	93.1 (1.79)
7 to 9 years old .....	98.1 (0.20)	98.4 (0.24)	97.5 (0.61)	97.5 (0.65)	98.0 (0.29)	98.1 (0.36)	98.2 (0.72)	96.6 (1.09)	98.2 (0.28)	98.6 (0.32)	96.7 (1.01)	98.4 (0.74)
10 to 13 years old .....	98.3 (0.17)	98.5 (0.19)	98.5 (0.42)	97.4 (0.59)	98.3 (0.23)	98.2 (0.30)	98.8 (0.52)	98.4 (0.65)	98.3 (0.24)	98.8 (0.25)	98.1 (0.66)	96.4 (1.01)
14 and 15 years old .....	98.7 (0.20)	98.9 (0.22)	99.6 (0.30)	96.2 (0.99)	98.7 (0.27)	98.8 (0.33)	99.6 (0.42)	96.9 (1.26)	98.6 (0.29)	99.0 (0.31)	99.6 (0.42)	95.4 (1.54)
16 and 17 years old .....	92.8 (0.45)	94.0 (0.50)	91.7 (1.32)	87.0 (1.77)	92.7 (0.63)	94.7 (0.66)	88.9 (2.09)	85.7 (2.60)	92.9 (0.64)	93.3 (0.76)	94.6 (1.54)	88.3 (2.40)
18 and 19 years old .....	61.2 (0.84)	63.9 (1.02)	57.2 (2.34)	49.5 (2.47)	58.3 (1.19)	61.2 (1.46)	51.5 (3.45)	48.0 (3.40)	64.2 (1.16)	66.7 (1.42)	62.2 (3.14)	51.1 (3.59)
20 and 21 years old .....	44.1 (0.88)	49.2 (1.10)	37.4 (2.38)	26.1 (2.22)	41.0 (1.23)	45.8 (1.54)	31.3 (3.42)	24.2 (3.02)	47.3 (1.26)	52.7 (1.58)	42.3 (3.26)	28.1 (3.26)
22 to 24 years old .....	24.6 (0.63)	24.9 (0.78)	24.0 (1.76)	18.2 (1.64)	23.9 (0.88)	25.0 (1.12)	22.0 (2.46)	15.2 (2.08)	25.3 (0.89)	24.8 (1.09)	25.8 (2.51)	21.6 (2.55)
25 to 29 years old .....	11.4 (0.37)	11.1 (0.45)	14.5 (1.18)	7.4 (0.88)	10.0 (0.50)	10.5 (0.62)	11.6 (1.63)	5.1 (1.06)	12.7 (0.53)	11.8 (0.65)	16.7 (1.66)	9.5 (1.38)
30 to 34 years old .....	6.7 (0.27)	6.1 (0.32)	9.9 (0.97)	5.6 (0.75)	5.6 (0.36)	4.7 (0.41)	8.5 (1.34)	5.7 (1.06)	7.7 (0.41)	7.4 (0.50)	11.2 (1.39)	5.5 (1.05)

See notes at end of table.

**Table 103.10. Percentage of the population 3 to 34 years old enrolled in school, by sex, race/ethnicity, and age group: Selected years, 1980 through 2016—Continued**  
 [Standard errors appear in parentheses]

Year and age group	Total				Male				Female			
	Total	White	Black	Hispanic	Total	White	Black	Hispanic	Total	White	Black	Hispanic
1	2	3	4	5	6	7	8	9	10	11	12	13
<b>2005</b>												
<b>Total, 3 to 34 years old</b> .....	<b>56.5 (0.20)</b>	<b>57.6 (0.26)</b>	<b>58.5 (0.57)</b>	<b>50.9 (0.53)</b>	<b>55.8 (0.28)</b>	<b>57.1 (0.37)</b>	<b>58.8 (0.82)</b>	<b>48.4 (0.73)</b>	<b>57.2 (0.29)</b>	<b>58.0 (0.37)</b>	<b>58.1 (0.80)</b>	<b>53.7 (0.76)</b>
3 and 4 years old <sup>1</sup> .....	53.6 (0.86)	58.5 (1.14)	52.4 (2.39)	43.0 (2.07)	52.8 (1.21)	56.8 (1.61)	54.8 (3.42)	43.0 (2.91)	54.4 (1.23)	60.3 (1.63)	50.1 (3.32)	43.0 (2.96)
5 and 6 years old .....	95.4 (0.37)	95.9 (0.47)	95.9 (0.97)	93.8 (1.06)	94.8 (0.54)	95.4 (0.68)	94.8 (1.50)	92.4 (1.62)	96.1 (0.50)	96.3 (0.63)	97.1 (1.18)	95.3 (1.34)
7 to 9 years old .....	98.6 (0.17)	99.0 (0.19)	98.7 (0.45)	97.4 (0.58)	98.2 (0.27)	98.9 (0.27)	98.0 (0.81)	96.0 (1.00)	99.0 (0.20)	99.0 (0.27)	99.5 (0.41)	98.8 (0.57)
10 to 13 years old .....	98.6 (0.14)	99.0 (0.16)	98.5 (0.40)	97.9 (0.46)	98.4 (0.22)	99.1 (0.21)	97.6 (0.70)	97.2 (0.72)	98.9 (0.18)	98.8 (0.24)	99.5 (0.33)	98.6 (0.54)
14 and 15 years old .....	98.0 (0.22)	98.6 (0.24)	96.1 (0.83)	97.3 (0.70)	97.5 (0.34)	98.4 (0.35)	93.3 (1.52)	97.8 (0.90)	98.4 (0.28)	98.7 (0.33)	98.8 (0.66)	96.7 (1.09)
16 and 17 years old .....	95.1 (0.33)	96.1 (0.38)	93.6 (1.05)	92.6 (1.14)	95.1 (0.47)	95.9 (0.55)	93.6 (1.51)	92.5 (1.61)	95.1 (0.47)	96.3 (0.53)	93.6 (1.47)	92.6 (1.60)
18 and 19 years old .....	67.6 (0.79)	71.6 (0.95)	62.0 (2.30)	54.3 (2.33)	66.5 (1.11)	69.8 (1.35)	66.9 (3.20)	51.8 (3.22)	68.8 (1.12)	73.5 (1.34)	57.4 (3.27)	57.2 (3.37)
20 and 21 years old .....	48.7 (0.80)	54.4 (1.01)	37.9 (2.25)	30.0 (1.96)	45.3 (1.11)	50.5 (1.42)	35.5 (3.12)	25.2 (2.56)	52.3 (1.15)	58.5 (1.43)	40.4 (3.23)	35.3 (2.99)
22 to 24 years old .....	27.3 (0.59)	27.8 (0.76)	28.6 (1.75)	19.5 (1.41)	25.2 (0.83)	26.4 (1.07)	24.0 (2.45)	17.5 (1.85)	29.2 (0.85)	29.1 (1.09)	32.5 (2.45)	21.8 (2.17)
25 to 29 years old .....	11.9 (0.34)	12.5 (0.45)	11.9 (1.00)	7.8 (0.70)	9.6 (0.43)	10.2 (0.58)	9.1 (1.32)	5.6 (0.82)	14.2 (0.51)	14.7 (0.67)	14.2 (1.47)	10.4 (1.19)
30 to 34 years old .....	6.9 (0.27)	6.9 (0.34)	9.8 (0.94)	4.2 (0.54)	5.9 (0.35)	6.5 (0.47)	6.3 (1.15)	2.6 (0.58)	7.9 (0.40)	7.4 (0.50)	12.7 (1.42)	6.1 (0.94)
<b>2010<sup>2</sup></b>												
<b>Total, 3 to 34 years old</b> .....	<b>56.6 (0.17)</b>	<b>56.1 (0.25)</b>	<b>58.7 (0.58)</b>	<b>55.1 (0.35)</b>	<b>55.9 (0.23)</b>	<b>55.5 (0.29)</b>	<b>58.4 (0.78)</b>	<b>52.9 (0.45)</b>	<b>57.4 (0.26)</b>	<b>56.7 (0.36)</b>	<b>58.9 (0.77)</b>	<b>57.4 (0.49)</b>
3 and 4 years old <sup>1</sup> .....	53.2 (0.89)	56.1 (1.17)	57.2 (2.78)	44.2 (1.84)	53.0 (1.21)	55.9 (1.64)	57.0 (3.79)	43.3 (2.60)	53.4 (1.27)	56.3 (1.53)	57.4 (3.79)	45.0 (2.68)
5 and 6 years old .....	94.5 (0.46)	94.2 (0.66)	94.1 (1.12)	94.3 (0.96)	93.7 (0.69)	93.3 (1.04)	93.5 (1.94)	93.4 (1.31)	95.3 (0.54)	95.2 (0.77)	94.7 (1.38)	95.2 (1.20)
7 to 9 years old .....	97.7 (0.25)	97.4 (0.37)	96.9 (0.77)	98.5 (0.37)	97.6 (0.36)	97.1 (0.54)	97.3 (0.88)	98.1 (0.60)	98.0 (0.35)	97.7 (0.53)	96.5 (1.23)	98.9 (0.40)
10 to 13 years old .....	98.2 (0.21)	98.3 (0.26)	99.2 (0.41)	97.3 (0.54)	97.9 (0.30)	97.7 (0.42)	99.6 (0.37)	96.9 (0.77)	98.6 (0.26)	98.9 (0.24)	98.8 (0.74)	97.7 (0.61)
14 and 15 years old .....	98.1 (0.25)	98.0 (0.37)	98.8 (0.58)	97.9 (0.69)	98.0 (0.37)	98.0 (0.52)	98.4 (0.92)	97.5 (0.98)	98.3 (0.34)	98.1 (0.49)	99.3 (0.46)	98.3 (0.85)
16 and 17 years old .....	96.1 (0.33)	96.2 (0.47)	95.7 (0.82)	96.0 (0.83)	94.9 (0.51)	94.7 (0.74)	93.7 (1.41)	96.0 (1.17)	97.3 (0.38)	97.8 (0.47)	97.6 (0.95)	96.0 (1.10)
18 and 19 years old .....	69.2 (0.92)	71.0 (1.28)	62.9 (2.42)	66.2 (2.03)	66.9 (1.25)	67.8 (1.63)	62.3 (3.88)	64.9 (3.02)	71.5 (1.38)	74.3 (2.01)	63.4 (3.44)	67.6 (2.78)
20 and 21 years old .....	52.4 (1.08)	55.5 (1.28)	51.1 (2.93)	37.0 (2.34)	49.2 (1.31)	52.1 (1.76)	45.7 (4.18)	34.0 (3.08)	56.0 (1.47)	59.2 (1.78)	56.0 (3.84)	40.5 (3.36)
22 to 24 years old .....	28.9 (0.79)	29.1 (1.01)	29.8 (2.13)	23.8 (1.57)	27.0 (1.15)	27.8 (1.44)	29.5 (3.12)	18.6 (2.08)	30.8 (1.10)	30.4 (1.46)	30.0 (2.99)	29.2 (2.16)
25 to 29 years old .....	14.6 (0.47)	14.6 (0.64)	16.5 (1.34)	11.4 (0.90)	13.5 (0.65)	13.8 (0.84)	13.9 (2.06)	9.6 (1.21)	15.8 (0.66)	15.4 (0.88)	18.8 (1.97)	13.6 (1.44)
30 to 34 years old .....	8.3 (0.39)	8.5 (0.50)	11.0 (1.14)	5.7 (0.65)	6.7 (0.44)	7.2 (0.62)	6.6 (1.20)	4.9 (0.87)	9.9 (0.58)	9.8 (0.77)	14.8 (1.80)	6.6 (0.95)
<b>2015<sup>2</sup></b>												
<b>Total, 3 to 34 years old</b> .....	<b>55.2 (0.20)</b>	<b>54.4 (0.25)</b>	<b>55.4 (0.63)</b>	<b>55.8 (0.38)</b>	<b>54.9 (0.26)</b>	<b>54.1 (0.36)</b>	<b>55.7 (0.75)</b>	<b>54.4 (0.48)</b>	<b>55.6 (0.28)</b>	<b>54.6 (0.35)</b>	<b>55.0 (0.83)</b>	<b>57.3 (0.54)</b>
3 and 4 years old <sup>1</sup> .....	52.7 (1.02)	56.0 (1.26)	53.7 (2.90)	44.1 (2.24)	53.6 (1.40)	57.1 (1.75)	52.4 (3.57)	44.3 (2.88)	51.8 (1.55)	54.8 (1.97)	55.3 (4.34)	44.0 (3.08)
5 and 6 years old .....	94.2 (0.46)	94.1 (0.64)	94.7 (1.41)	93.7 (1.00)	93.5 (0.69)	93.2 (0.92)	93.3 (1.93)	93.6 (1.48)	94.9 (0.64)	95.1 (0.92)	96.1 (1.62)	93.9 (1.38)
7 to 9 years old .....	97.3 (0.28)	97.5 (0.35)	94.9 (1.16)	97.9 (0.49)	97.5 (0.34)	97.8 (0.42)	95.4 (1.31)	97.5 (0.72)	97.2 (0.41)	97.2 (0.58)	94.4 (1.63)	98.4 (0.59)
10 to 13 years old .....	98.0 (0.19)	98.1 (0.25)	98.6 (0.47)	97.1 (0.46)	98.3 (0.23)	98.3 (0.29)	100.0 <sup>3</sup> (#)	97.3 (0.67)	97.6 (0.28)	97.9 (0.36)	97.2 (0.94)	96.9 (0.66)
14 and 15 years old .....	98.0 (0.27)	98.3 (0.32)	98.6 (0.68)	96.7 (0.74)	97.9 (0.37)	98.3 (0.42)	99.5 (0.50)	96.0 (1.17)	98.1 (0.38)	98.4 (0.48)	97.6 (1.30)	97.4 (0.96)
16 and 17 years old .....	93.7 (0.49)	94.4 (0.61)	95.1 (0.94)	92.6 (1.10)	93.1 (0.71)	93.8 (0.85)	94.1 (1.49)	91.7 (1.66)	94.4 (0.58)	95.0 (0.83)	96.0 (1.24)	93.7 (1.42)
18 and 19 years old .....	68.5 (0.86)	70.1 (1.05)	64.1 (2.91)	65.2 (2.20)	65.7 (1.39)	67.2 (1.66)	63.3 (4.43)	59.9 (3.30)	71.4 (1.19)	73.1 (1.60)	64.8 (3.86)	70.1 (2.74)
20 and 21 years old .....	53.3 (1.14)	55.5 (1.46)	43.1 (2.92)	48.8 (2.46)	50.2 (1.61)	53.3 (2.20)	38.0 (3.92)	44.4 (3.13)	56.5 (1.52)	57.7 (1.93)	47.9 (4.26)	53.2 (3.54)
22 to 24 years old .....	28.8 (0.81)	28.9 (1.02)	27.4 (2.11)	25.2 (1.67)	27.5 (1.07)	26.9 (1.33)	30.5 (3.24)	24.2 (2.51)	30.1 (1.25)	30.9 (1.43)	24.5 (3.07)	26.3 (2.69)
25 to 29 years old .....	13.2 (0.50)	13.1 (0.60)	13.7 (1.29)	11.2 (1.03)	11.7 (0.67)	12.3 (0.83)	10.9 (1.69)	9.2 (1.25)	14.6 (0.72)	14.0 (0.89)	16.3 (2.02)	13.2 (1.47)
30 to 34 years old .....	6.6 (0.30)	6.5 (0.35)	8.6 (1.05)	4.6 (0.61)	5.5 (0.39)	5.9 (0.48)	4.8 (1.37)	3.3 (0.77)	7.7 (0.44)	7.1 (0.55)	11.9 (1.57)	5.9 (1.02)
<b>2016<sup>2</sup></b>												
<b>Total, 3 to 34 years old</b> .....	<b>55.2 (0.21)</b>	<b>54.1 (0.27)</b>	<b>54.8 (0.60)</b>	<b>56.8 (0.40)</b>	<b>54.8 (0.26)</b>	<b>53.8 (0.37)</b>	<b>55.3 (0.86)</b>	<b>55.4 (0.53)</b>	<b>55.6 (0.27)</b>	<b>54.4 (0.35)</b>	<b>54.2 (0.77)</b>	<b>58.3 (0.59)</b>
3 and 4 years old <sup>1</sup> .....	53.8 (1.04)	55.5 (1.43)	51.5 (3.47)	49.5 (2.10)	54.1 (1.43)	56.6 (1.96)	49.6 (4.53)	50.7 (2.66)	53.5 (1.51)	54.3 (1.60)	53.5 (4.64)	48.2 (3.61)
5 and 6 years old .....	93.3 (0.58)	93.9 (0.68)	93.6 (1.60)	93.0 (1.30)	92.7 (0.84)	94.2 (0.90)	91.8 (2.55)	91.8 (2.04)	93.8 (0.75)	93.5 (1.03)	95.6 (1.78)	94.2 (1.39)
7 to 9 years old .....	97.8 (0.29)	98.0 (0.37)	97.9 (0.69)	97.0 (0.87)	97.5 (0.37)	98.0 (0.48)	97.2 (1.15)	96.3 (1.11)	98.1 (0.35)	97.9 (0.49)	98.6 (0.58)	97.6 (0.93)
10 to 13 years old .....	98.5 (0.17)	98.5 (0.23)	98.4 (0.43)	98.4 (0.35)	98.3 (0.25)	98.3 (0.37)	98.4 (0.55)	98.1 (0.51)	98.7 (0.20)	98.8 (0.29)	98.4 (0.67)	98.8 (0.38)
14 and 15 years old .....	98.0 (0.27)	98.7 (0.29)	95.6 (1.48)	97.6 (0.62)	98.7 (0.35)	98.8 (0.50)	98.8 (1.15)	98.4 (0.68)	97.3 (0.46)	98.6 (0.36)	92.3 (2.70)	96.8 (1.05)
16 and 17 years old .....	93.0 (0.55)	92.2 (0.81)	94.7 (1.27)	93.6 (0.89)	92.7 (0.81)	91.9 (1.19)	95.8 (1.66)	93.4 (1.29)	93.3 (0.70)	92.5 (1.02)	93.6 (1.74)	93.9 (1.32)
18 and 19 years old .....	69.5 (1.05)	70.4 (1.32)	66.2 (3.05)	68.4 (2.04)	68.2 (1.36)	69.4 (1.50)	65.8 (3.95)	66.3 (2.94)	70.7 (1.59)	71.6 (1.98)	66.7 (4.37)	70.5 (2.96)
20 and 21 years old .....	55.5 (1.12)	57.3 (1.47)	48.6 (3.34)	51.7 (2.25)	51.4 (1.53)	52.8 (2.06)	47.0 (4.27)	46.0 (3.12)	59.7 (1.49)	62.0 (1.83)	50.4 (4.53)	57.5 (3.39)
22 to 24 years old .....	28.8 (0.85)	27.7 (1.14)	29.0 (2.14)	26.7 (1.79)	27.6 (1.08)	26.8 (1.40)	26.6 (3.23)	23.4 (2.39)	30.0 (1.15)	28.5 (1.59)	31.3 (3.04)	30.2 (2.43)
25 to 29 years old .....	13.2 (0.46)	13.3 (0.57)	12.7 (1.29)	11.3 (0.99)	11.8 (0.57)	11.7 (0.69)	12.6 (1.68)	9.3 (1.37)	14.7 (0.68)	14.9 (0.83)	12.8 (1.82)	13.3 (1.36)
30 to 34 years old .....	6.4 (0.31)	6.6 (0.40)	7.6 (1.10)	4.7 (0.65)	5.5 (0.45)	5.5 (0.57)	6.9 (1.59)	3.6 (0.80)	7.2 (0.49)	7.8 (0.60)	8.3 (1.48)	5.9 (1.01)

<sup>†</sup>Not applicable.

<sup>#</sup>Rounds to zero.

<sup>!</sup>Interpret data with caution. The coefficient of variation (CV) for this estimate is between 30 and 50 percent.

<sup>‡</sup>Reporting standards not met. The coefficient of variation (CV) for this estimate is 50 percent or greater.

<sup>1</sup>Beginning in 1994, preprimary enrollment data were collected using new procedures. Data may not be comparable to figures for earlier years.

<sup>2</sup>Beginning in 2010, standard errors were computed using replicate weights, which produced more precise values than the generalized variance function methodology used in prior years.

<sup>3</sup>Rounds to 100.0.

NOTE: Data are based on sample surveys of the civilian noninstitutionalized population, which excludes persons in the military and persons living in institutions (e.g., prisons or nursing facilities). Includes enrollment in any type of graded public, parochial, or other private schools. Includes nursery schools, preschools, kindergartens, elementary and secondary schools, colleges, universities, and professional schools. Attendance may be on either a full-time or part-time basis and during the day or night. Total includes persons from other racial/ethnic groups not shown separately. Race categories exclude persons of Hispanic ethnicity. SOURCE: U.S. Department of Commerce, Census Bureau, Current Population Survey (CPS), October, selected years, 1980 through 2016. (This table was prepared January 2018.)

**Table 103.20. Percentage of the population 3 to 34 years old enrolled in school, by age group: Selected years, 1940 through 2016**  
 [Standard errors appear in parentheses]

Year	Total, 3 to 34 years old		3 and 4 years old		5 and 6 years old		7 to 13 years old			14 to 17 years old			18 and 19 years old		20 to 24 years old			25 to 29 years old		30 to 34 years old								
	Total	Standard error	Total	Standard error	Total	Standard error	Total	Standard error	14 and 15	Standard error	16 and 17	Standard error	Total	Standard error	In secondary education	Standard error	In higher education	Standard error	Total	Standard error	20 and 21	Standard error	22 to 24	Standard error	Total	Standard error		
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
1940.....	—	(†)	—	(†)	—	(†)	95.0	(—)	79.3	(—)	—	(†)	—	(†)	28.9	(—)	—	(†)	—	(†)	6.6	(—)	—	(†)	—	(†)	—	(†)
1945.....	—	(†)	—	(†)	—	(†)	98.1	(—)	78.4	(—)	—	(†)	—	(†)	20.7	(—)	—	(†)	—	(†)	3.9	(—)	—	(†)	—	(†)	—	(†)
1947.....	—	(†)	—	(†)	73.8	(—)	98.5	(—)	79.3	(—)	91.6	(—)	67.6	(—)	24.3	(—)	—	(†)	—	(†)	10.2	(—)	—	(†)	—	(†)	3.0	(—)
1948.....	—	(†)	—	(†)	74.7	(—)	98.1	(—)	81.8	(—)	92.7	(—)	71.2	(—)	26.9	(—)	—	(†)	—	(†)	9.7	(—)	—	(†)	—	(†)	2.6	(—)
1949.....	—	(†)	—	(†)	76.2	(—)	98.6	(—)	81.6	(—)	93.5	(—)	69.5	(—)	25.3	(—)	—	(†)	—	(†)	9.2	(—)	—	(†)	—	(†)	3.8	(—)
1950.....	—	(†)	—	(†)	74.4	(—)	98.7	(—)	83.7	(—)	94.7	(—)	71.3	(—)	29.4	(—)	—	(†)	—	(†)	9.0	(—)	—	(†)	—	(†)	3.0	(—)
1951.....	—	(†)	—	(†)	73.6	(—)	99.1	(—)	85.2	(—)	94.8	(—)	75.1	(—)	26.2	(—)	—	(†)	—	(†)	8.6	(—)	—	(†)	—	(†)	2.5	(—)
1952.....	—	(†)	—	(†)	75.2	(—)	98.8	(—)	85.2	(—)	96.2	(—)	73.4	(—)	28.8	(—)	—	(†)	—	(†)	9.7	(—)	—	(†)	—	(†)	2.6	(—)
1953.....	—	(†)	—	(†)	78.6	(—)	99.4	(—)	85.9	(—)	96.5	(—)	74.7	(—)	31.2	(—)	—	(†)	—	(†)	11.1	(—)	—	(†)	—	(†)	2.9	(—)
1954.....	—	(†)	—	(†)	77.3	(—)	99.4	(—)	87.1	(—)	95.8	(—)	78.0	(—)	32.4	(—)	—	(†)	—	(†)	11.2	(—)	—	(†)	—	(†)	4.1	(—)
1955.....	—	(†)	—	(†)	78.1	(—)	99.2	(—)	86.9	(—)	95.9	(—)	77.4	(—)	31.5	(—)	—	(†)	—	(†)	11.1	(—)	—	(†)	—	(†)	4.2	(—)
1956.....	—	(†)	—	(†)	77.6	(—)	99.3	(—)	88.2	(—)	96.9	(—)	78.4	(—)	35.4	(—)	—	(†)	—	(†)	12.8	(—)	—	(†)	—	(†)	5.1	(—)
1957.....	—	(†)	—	(†)	78.6	(—)	99.5	(—)	89.5	(—)	97.1	(—)	80.5	(—)	34.9	(—)	—	(†)	—	(†)	14.0	(—)	—	(†)	—	(†)	5.5	(—)
1958.....	—	(†)	—	(†)	80.4	(—)	99.5	(—)	89.2	(—)	96.9	(—)	80.6	(—)	37.6	(—)	—	(†)	—	(†)	13.4	(—)	—	(†)	—	(†)	5.7	(—)
1959.....	—	(†)	—	(†)	80.0	(—)	99.4	(—)	90.2	(—)	97.5	(—)	82.9	(—)	36.8	(—)	—	(†)	—	(†)	12.7	(—)	18.8	(—)	8.6	(—)	5.1	(—)
1960.....	—	(†)	—	(†)	80.7	(—)	99.5	(—)	90.3	(—)	97.8	(—)	82.6	(—)	38.4	(—)	—	(†)	—	(†)	13.1	(—)	19.4	(—)	8.7	(—)	4.9	(—)
1961.....	—	(†)	—	(†)	81.7	(—)	99.3	(—)	91.4	(—)	97.6	(—)	83.6	(—)	38.0	(—)	—	(†)	—	(†)	13.7	(—)	21.5	(—)	8.4	(—)	4.4	(—)
1962.....	—	(†)	—	(†)	82.2	(—)	99.3	(—)	92.0	(—)	98.0	(—)	84.3	(—)	41.8	(—)	—	(†)	—	(†)	15.6	(—)	23.0	(—)	10.3	(—)	5.0	(—)
1963.....	—	(†)	—	(†)	82.7	(—)	99.3	(—)	92.9	(—)	98.4	(—)	87.1	(—)	40.9	(—)	10.9	(—)	29.8	(—)	17.3	(—)	25.0	(—)	11.4	(—)	4.9	(—)
1964.....	—	(†)	9.5	(—)	83.3	(—)	99.0	(—)	93.1	(—)	98.6	(—)	87.7	(—)	41.6	(—)	11.0	(—)	30.6	(—)	16.8	(—)	26.3	(—)	9.9	(—)	5.2	(—)
1965.....	55.5	(—)	10.6	(—)	84.9	(—)	99.4	(—)	93.2	(—)	98.9	(—)	87.4	(—)	46.3	(—)	11.2	(—)	35.0	(—)	19.0	(—)	27.6	(—)	13.2	(—)	6.1	(—)
1966.....	56.1	(—)	12.5	(—)	85.8	(—)	99.3	(—)	93.7	(—)	98.6	(—)	88.5	(—)	47.2	(—)	10.8	(—)	36.3	(—)	19.9	(—)	29.9	(—)	13.2	(—)	6.5	(—)
1967.....	56.6	(—)	14.2	(—)	87.4	(—)	99.3	(—)	93.7	(—)	98.2	(—)	88.8	(—)	47.6	(—)	11.7	(—)	36.0	(—)	22.0	(—)	33.3	(—)	13.6	(—)	6.6	(—)
1968.....	56.7	(—)	15.7	(—)	87.6	(—)	99.1	(—)	94.2	(—)	98.0	(—)	90.2	(—)	50.4	(—)	12.4	(—)	38.0	(—)	21.4	(—)	31.2	(—)	13.8	(—)	7.0	(—)
1969.....	57.0	(—)	16.1	(—)	88.4	(—)	99.2	(—)	94.0	(—)	98.1	(—)	89.7	(—)	50.2	(—)	11.2	(—)	39.0	(—)	23.0	(—)	34.1	(—)	15.4	(—)	7.9	(—)
1970.....	56.4	(0.22)	20.5	(0.74)	89.5	(0.54)	99.2	(0.08)	94.1	(0.27)	98.1	(0.22)	90.0	(0.50)	47.7	(0.87)	10.5	(0.53)	37.3	(0.84)	21.5	(0.48)	31.9	(0.87)	14.9	(0.53)	7.5	(0.33)
1971.....	56.2	(0.22)	21.2	(0.76)	91.6	(0.50)	99.1	(0.08)	94.5	(0.26)	98.6	(0.19)	90.2	(0.49)	49.2	(0.85)	11.5	(0.54)	37.7	(0.83)	21.9	(0.47)	32.2	(0.85)	15.4	(0.52)	8.0	(0.33)
1972.....	54.9	(0.22)	24.4	(0.81)	91.9	(0.51)	99.2	(0.08)	93.3	(0.28)	97.6	(0.24)	88.9	(0.51)	46.3	(0.84)	10.4	(0.51)	35.9	(0.81)	21.6	(0.46)	31.4	(0.81)	14.8	(0.51)	8.6	(0.34)
1973.....	53.5	(0.22)	24.2	(0.80)	92.5	(0.50)	99.2	(0.08)	92.9	(0.29)	97.5	(0.25)	88.3	(0.52)	42.9	(0.82)	10.0	(0.50)	32.9	(0.78)	20.8	(0.44)	30.1	(0.79)	14.5	(0.50)	8.5	(0.33)
1974.....	53.6	(0.22)	28.8	(0.85)	94.2	(0.44)	99.3	(0.08)	92.9	(0.29)	97.9	(0.23)	87.9	(0.52)	43.1	(0.81)	9.9	(0.49)	33.2	(0.77)	21.4	(0.45)	30.2	(0.77)	15.1	(0.51)	9.6	(0.34)
1975.....	53.7	(0.22)	31.5	(0.89)	94.7	(0.42)	99.3	(0.08)	93.6	(0.27)	98.2	(0.21)	89.0	(0.50)	46.9	(0.81)	10.2	(0.49)	36.7	(0.78)	22.4	(0.45)	31.2	(0.77)	16.2	(0.52)	10.1	(0.34)
1976.....	53.1	(0.21)	31.3	(0.91)	95.5	(0.38)	99.2	(0.09)	93.7	(0.27)	98.2	(0.21)	89.1	(0.50)	46.2	(0.80)	10.2	(0.49)	36.0	(0.77)	23.3	(0.45)	32.0	(0.77)	17.1	(0.52)	10.0	(0.33)
1977.....	52.5	(0.21)	32.0	(0.94)	95.8	(0.38)	99.4	(0.07)	93.7	(0.28)	98.5	(0.20)	88.9	(0.50)	46.2	(0.80)	10.4	(0.49)	35.7	(0.77)	22.9	(0.44)	31.8	(0.76)	16.5	(0.51)	10.8	(0.34)
1978.....	51.2	(0.21)	34.2	(0.95)	95.3	(0.42)	99.1	(0.09)	93.7	(0.28)	98.4	(0.20)	89.1	(0.50)	45.4	(0.80)	9.8	(0.48)	35.6	(0.77)	21.8	(0.43)	29.5	(0.74)	16.3	(0.50)	9.4	(0.32)
1979.....	50.3	(0.21)	35.1	(0.95)	95.8	(0.40)	99.2	(0.09)	93.6	(0.28)	98.1	(0.22)	89.2	(0.50)	45.0	(0.80)	10.3	(0.49)	34.6	(0.76)	21.7	(0.43)	30.2	(0.74)	15.8	(0.49)	9.6	(0.32)
1980.....	49.7	(0.21)	36.7	(0.95)	95.7	(0.40)	99.3	(0.09)	93.4	(0.29)	98.2	(0.22)	89.0	(0.51)	46.4	(0.80)	10.5	(0.49)	35.9	(0.77)	22.3	(0.43)	31.0	(0.75)	16.3	(0.49)	9.3	(0.31)
1981.....	48.9	(0.21)	36.0	(0.93)	94.0	(0.46)	99.2	(0.09)	94.1	(0.28)	98.0	(0.24)	90.6	(0.47)	49.0	(0.81)	11.5	(0.51)	37.5	(0.78)	22.5	(0.42)	31.6	(0.74)	16.5	(0.48)	9.0	(0.30)
1982.....	48.6	(0.22)	36.4	(0.97)	95.0	(0.45)	99.2	(0.10)	94.4	(0.29)	98.5	(0.22)	90.6	(0.51)	47.8	(0.86)	11.3	(0.54)	36.5	(0.83)	23.5	(0.45)	34.0	(0.81)	16.8	(0.51)	9.6	(0.32)
1983.....	48.4	(0.22)	37.5	(0.96)	95.4	(0.43)	99.2	(0.10)	95.0	(0.28)	98.3	(0.23)	91.7	(0.50)	50.4	(0.87)	12.8	(0.58)	37.6	(0.84)	22.7	(0.45)	32.5	(0.80)	16.6	(0.51)	9.6	(0.32)
1984.....	47.9	(0.22)	36.3	(0.94)	94.5	(0.46)	99.2	(0.10)	94.7	(0.29)	97.8	(0.26)	91.5	(0.51)	50.1	(0.89)	11.5	(0.57)	38.6	(0.87)	23.7	(0.46)	33.9	(0.82)	17.3	(0.52)	9.1	(0.30)

See notes at end of table.

**Table 103.20. Percentage of the population 3 to 34 years old enrolled in school, by age group: Selected years, 1940 through 2016—Continued**  
 [Standard errors appear in parentheses]

Year	Total, 3 to 34 years old	3 and 4 years old	5 and 6 years old	7 to 13 years old	14 to 17 years old			18 and 19 years old			20 to 24 years old			25 to 29 years old	30 to 34 years old
					Total	14 and 15	16 and 17	Total	In secondary education	In higher education	Total	20 and 21	22 to 24		
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
1985.....	48.3 (0.22)	38.9 (0.95)	96.1 (0.38)	99.2 (0.09)	94.9 (0.28)	98.1 (0.24)	91.7 (0.50)	51.6 (0.91)	11.2 (0.57)	40.4 (0.89)	24.0 (0.47)	35.3 (0.84)	16.9 (0.52)	9.2 (0.31)	6.1 (0.26)
1986.....	48.2 (0.22)	38.9 (0.95)	95.3 (0.41)	99.2 (0.10)	94.9 (0.28)	97.6 (0.28)	92.3 (0.48)	54.6 (0.91)	13.1 (0.62)	41.5 (0.90)	23.6 (0.47)	33.0 (0.84)	17.9 (0.54)	8.8 (0.30)	6.0 (0.25)
1987.....	48.6 (0.22)	38.3 (0.95)	95.1 (0.42)	99.5 (0.07)	95.0 (0.28)	98.6 (0.22)	91.7 (0.49)	55.6 (0.90)	13.1 (0.61)	42.5 (0.90)	25.5 (0.49)	38.7 (0.89)	17.5 (0.54)	9.0 (0.30)	5.8 (0.25)
1988.....	48.7 (0.24)	38.2 (1.02)	96.0 (0.41)	99.7 (0.07)	95.1 (0.31)	98.9 (0.22)	91.6 (0.55)	55.6 (0.98)	13.9 (0.68)	41.8 (0.97)	26.1 (0.54)	39.1 (0.98)	18.2 (0.60)	8.3 (0.32)	5.9 (0.27)
1989.....	49.0 (0.23)	39.1 (0.97)	95.2 (0.43)	99.3 (0.09)	95.7 (0.28)	98.8 (0.21)	92.7 (0.50)	56.0 (0.92)	14.4 (0.65)	41.6 (0.91)	27.0 (0.53)	38.5 (0.94)	19.9 (0.60)	9.3 (0.32)	5.7 (0.25)
1990.....	50.2 (0.23)	44.4 (0.99)	96.5 (0.37)	99.6 (0.06)	95.8 (0.28)	99.0 (0.19)	92.5 (0.52)	57.2 (0.94)	14.5 (0.67)	42.7 (0.94)	28.6 (0.54)	39.7 (0.92)	21.0 (0.63)	9.7 (0.33)	5.8 (0.25)
1991.....	50.7 (0.23)	40.5 (0.96)	95.4 (0.41)	99.6 (0.06)	96.0 (0.27)	98.8 (0.22)	93.3 (0.49)	59.6 (0.96)	15.6 (0.71)	44.0 (0.97)	30.2 (0.55)	42.0 (0.92)	22.2 (0.64)	10.2 (0.34)	6.2 (0.26)
1992.....	51.4 (0.23)	39.7 (0.95)	95.5 (0.41)	99.4 (0.08)	96.7 (0.25)	99.1 (0.18)	94.1 (0.46)	61.4 (0.96)	17.1 (0.74)	44.3 (0.98)	31.6 (0.56)	44.0 (0.95)	23.7 (0.65)	9.8 (0.34)	6.1 (0.26)
1993.....	51.8 (0.23)	40.4 (0.93)	95.4 (0.41)	99.5 (0.07)	96.5 (0.25)	98.9 (0.20)	94.0 (0.46)	61.6 (0.95)	17.2 (0.74)	44.4 (0.97)	30.8 (0.56)	42.7 (0.97)	23.6 (0.65)	10.2 (0.35)	5.9 (0.25)
1994.....	53.3 (0.23)	47.3 <sup>1</sup> (0.94)	96.7 (0.34)	99.4 (0.08)	96.6 (0.24)	98.8 (0.20)	94.4 (0.43)	60.2 (0.94)	16.2 (0.70)	43.9 (0.95)	32.0 (0.55)	44.9 (0.95)	24.0 (0.64)	10.8 (0.36)	6.7 (0.27)
1995.....	53.7 (0.21)	48.7 <sup>1</sup> (0.87)	96.0 (0.34)	98.9 (0.10)	96.3 (0.23)	98.9 (0.18)	93.6 (0.42)	59.4 (0.86)	16.3 (0.64)	43.1 (0.86)	31.5 (0.52)	44.9 (0.90)	23.2 (0.60)	11.6 (0.34)	5.9 (0.24)
1996.....	54.1 (0.22)	48.3 <sup>1</sup> (0.91)	94.0 (0.43)	97.7 (0.15)	95.4 (0.26)	98.0 (0.24)	92.8 (0.45)	61.5 (0.87)	16.7 (0.67)	44.9 (0.89)	32.5 (0.55)	44.4 (0.93)	24.8 (0.65)	11.9 (0.36)	6.1 (0.25)
1997.....	55.6 (0.22)	52.6 <sup>1</sup> (0.92)	96.5 (0.33)	99.1 (0.09)	96.6 (0.22)	98.9 (0.18)	94.3 (0.40)	61.5 (0.86)	16.7 (0.66)	44.7 (0.88)	34.3 (0.55)	45.9 (0.91)	26.4 (0.66)	11.8 (0.36)	5.7 (0.25)
1998.....	55.8 (0.22)	52.1 <sup>1</sup> (0.92)	95.6 (0.37)	98.9 (0.10)	96.1 (0.24)	98.4 (0.22)	93.9 (0.41)	62.2 (0.84)	15.7 (0.63)	46.4 (0.86)	33.0 (0.54)	44.8 (0.91)	24.9 (0.65)	11.9 (0.36)	6.6 (0.27)
1999.....	56.0 (0.22)	54.2 <sup>1</sup> (0.93)	96.0 (0.36)	98.7 (0.11)	95.8 (0.24)	98.2 (0.23)	93.6 (0.42)	60.6 (0.84)	16.5 (0.64)	44.1 (0.85)	32.8 (0.54)	45.3 (0.90)	24.5 (0.64)	11.1 (0.36)	6.2 (0.27)
2000.....	55.9 (0.22)	52.1 <sup>1</sup> (0.93)	95.6 (0.38)	98.2 (0.13)	95.7 (0.25)	98.7 (0.20)	92.8 (0.45)	61.2 (0.84)	16.5 (0.64)	44.7 (0.85)	32.5 (0.53)	44.1 (0.88)	24.6 (0.63)	11.4 (0.37)	6.7 (0.27)
2001.....	56.4 (0.20)	52.4 <sup>1</sup> (0.88)	95.3 (0.37)	98.3 (0.12)	95.8 (0.23)	98.1 (0.22)	93.4 (0.40)	61.1 (0.79)	17.1 (0.61)	44.0 (0.80)	34.1 (0.50)	46.1 (0.82)	25.5 (0.61)	11.8 (0.36)	6.9 (0.26)
2002.....	56.2 (0.20)	56.3 <sup>1</sup> (0.89)	95.5 (0.37)	98.3 (0.12)	96.4 (0.21)	98.4 (0.20)	94.3 (0.37)	63.3 (0.79)	18.0 (0.63)	45.3 (0.82)	34.4 (0.50)	47.8 (0.83)	25.6 (0.59)	12.1 (0.35)	6.6 (0.25)
2003.....	56.2 (0.20)	55.1 <sup>1</sup> (0.85)	94.5 (0.40)	98.3 (0.12)	96.2 (0.21)	97.5 (0.25)	94.9 (0.34)	64.5 (0.80)	17.9 (0.64)	46.6 (0.84)	35.6 (0.50)	48.3 (0.83)	27.8 (0.59)	11.8 (0.34)	6.8 (0.26)
2004.....	56.2 (0.20)	54.0 <sup>1</sup> (0.85)	95.4 (0.37)	98.4 (0.12)	96.5 (0.21)	98.5 (0.19)	94.5 (0.36)	64.4 (0.80)	16.6 (0.62)	47.8 (0.83)	35.2 (0.49)	48.9 (0.82)	26.3 (0.58)	13.0 (0.35)	6.6 (0.26)
2005.....	56.5 (0.20)	53.6 <sup>1</sup> (0.86)	95.4 (0.37)	98.6 (0.11)	96.5 (0.20)	98.0 (0.22)	95.1 (0.33)	67.6 (0.79)	18.3 (0.65)	49.3 (0.84)	36.1 (0.49)	48.7 (0.80)	27.3 (0.59)	11.9 (0.34)	6.9 (0.27)
2006.....	56.0 (0.20)	55.7 <sup>1</sup> (0.86)	94.6 (0.39)	98.3 (0.12)	96.4 (0.21)	98.3 (0.21)	94.6 (0.36)	65.5 (0.77)	19.3 (0.64)	46.2 (0.81)	35.0 (0.49)	47.5 (0.81)	26.7 (0.58)	11.7 (0.33)	7.2 (0.27)
2007.....	56.1 (0.20)	54.5 <sup>1</sup> (0.86)	94.7 (0.39)	98.4 (0.12)	96.4 (0.21)	98.7 (0.18)	94.3 (0.36)	66.8 (0.75)	17.9 (0.61)	48.9 (0.80)	35.7 (0.49)	48.4 (0.81)	27.3 (0.59)	12.4 (0.33)	7.2 (0.27)
2008.....	56.2 (0.20)	52.8 <sup>1</sup> (0.85)	93.8 (0.42)	98.7 (0.11)	96.8 (0.20)	98.6 (0.19)	95.2 (0.34)	66.0 (0.75)	17.4 (0.60)	48.6 (0.79)	36.9 (0.49)	50.1 (0.81)	28.2 (0.59)	13.2 (0.34)	7.3 (0.27)
2009.....	56.5 (0.20)	52.4 <sup>1</sup> (0.85)	94.1 (0.40)	98.2 (0.12)	96.3 (0.22)	98.0 (0.23)	94.6 (0.36)	68.9 (0.73)	19.1 (0.62)	49.8 (0.79)	38.7 (0.50)	51.7 (0.81)	30.4 (0.60)	13.5 (0.34)	8.1 (0.28)
2010 <sup>2</sup> .....	56.6 (0.17)	53.2 <sup>1</sup> (0.89)	94.5 (0.46)	98.0 (0.16)	97.1 (0.21)	98.1 (0.25)	96.1 (0.33)	69.2 (0.92)	18.1 (0.71)	51.2 (1.05)	38.6 (0.71)	52.4 (1.08)	28.9 (0.79)	14.6 (0.47)	8.3 (0.39)
2011 <sup>2</sup> .....	56.8 (0.19)	52.4 <sup>1</sup> (0.90)	95.1 (0.43)	98.3 (0.14)	97.1 (0.22)	98.6 (0.21)	95.7 (0.38)	71.1 (0.95)	21.0 (0.78)	50.1 (1.08)	39.9 (0.68)	52.7 (1.05)	31.1 (0.82)	14.8 (0.44)	7.7 (0.32)
2012 <sup>2</sup> .....	56.6 (0.22)	53.5 <sup>1</sup> (1.11)	93.2 (0.49)	98.0 (0.17)	97.0 (0.28)	98.2 (0.31)	95.8 (0.40)	69.0 (0.98)	21.7 (0.77)	47.3 (0.96)	40.2 (0.72)	54.0 (1.04)	30.7 (0.84)	14.0 (0.48)	7.5 (0.33)
2013 <sup>2</sup> .....	55.8 (0.18)	54.9 <sup>1</sup> (1.00)	93.8 (0.45)	98.1 (0.16)	96.1 (0.28)	98.4 (0.27)	93.7 (0.50)	67.1 (0.97)	20.5 (0.80)	46.6 (1.00)	38.7 (0.76)	52.8 (1.24)	29.7 (0.81)	13.3 (0.44)	6.7 (0.32)
2014 <sup>2</sup> .....	55.2 (0.21)	54.5 <sup>1</sup> (0.98)	93.4 (0.53)	97.6 (0.19)	95.4 (0.29)	97.8 (0.26)	92.9 (0.51)	68.4 (0.92)	19.6 (0.79)	48.9 (1.09)	38.0 (0.76)	51.4 (1.24)	29.6 (0.80)	13.1 (0.44)	6.4 (0.31)
2015 <sup>2</sup> .....	55.2 (0.20)	52.7 <sup>1</sup> (1.02)	94.2 (0.46)	97.7 (0.17)	95.9 (0.28)	98.0 (0.27)	93.7 (0.49)	68.5 (0.86)	19.8 (0.79)	48.8 (0.98)	38.5 (0.80)	53.3 (1.14)	28.8 (0.81)	13.2 (0.50)	6.6 (0.30)
2016 <sup>2</sup> .....	55.2 (0.21)	53.8 <sup>1</sup> (1.04)	93.3 (0.58)	98.2 (0.15)	95.5 (0.30)	98.0 (0.27)	93.0 (0.55)	69.5 (1.05)	19.0 (0.76)	50.5 (1.15)	39.0 (0.78)	55.5 (1.12)	28.8 (0.85)	13.2 (0.46)	6.4 (0.31)

—Not available.

†Not applicable.

<sup>1</sup>Beginning in 1994, preprimary enrollment data were collected using new procedures. Data may not be comparable to figures for earlier years.

<sup>2</sup>Beginning in 2010, standard errors were computed using replicate weights, which produced more precise values than the generalized variance function methodology used in prior years.

NOTE: Data for 1940 are for April. Data for all other years are as of October. Data are based on sample surveys of the civilian noninstitutionalized population, which excludes persons in the military and persons living in institutions (e.g., prisons or

nursing facilities). Includes enrollment in any type of graded public, parochial, or other private schools. Includes nursery schools, kindergartens, elementary and secondary schools, colleges, universities, and professional schools. Attendance may be on either a full-time or part-time basis and during the day or night.

SOURCE: U.S. Department of Commerce, Census Bureau, *Historical Statistics of the United States, Colonial Times to 1970*; Current Population Reports, Series P-20, various years; CPS Historical Time Series Tables on School Enrollment, retrieved June 6, 2012, from <http://www.census.gov/hhes/school/data/cps/historical/index.html>; and Current Population Survey, October, 1970 through 2016. (This table was prepared January 2018.)

**Table 104.10. Rates of high school completion and bachelor's degree attainment among persons age 25 and over, by race/ethnicity and sex: Selected years, 1910 through 2017**

[Standard errors appear in parentheses]

Sex, high school or bachelor's degree attainment, and year	Total, percent of all persons age 25 and over	White <sup>1</sup>	Black <sup>1</sup>	Hispanic	Asian/Pacific Islander			American Indian/ Alaska Native	Two or more races
					Total	Asian	Pacific Islander		
1	2	3	4	5	6	7	8	9	10
<b>Total</b>									
High school completion or higher <sup>2</sup>									
1910 <sup>3</sup> .....	13.5 (—)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)
1920 <sup>3</sup> .....	16.4 (—)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)
1930 <sup>3</sup> .....	19.1 (—)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)
1940.....	24.5 (—)	26.1 (—)	7.7 (—)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)
1950.....	34.3 (—)	36.4 (—)	13.7 (—)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)
1960.....	41.1 (—)	43.2 (—)	21.7 (—)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)
1970.....	55.2 (—)	57.4 (—)	36.1 (—)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)
1975.....	62.5 (—)	65.8 (—)	42.6 (—)	38.5 (—)	— (†)	— (†)	— (†)	— (†)	— (†)
1980.....	68.6 (0.20)	71.9 (0.21)	51.4 (0.81)	44.5 (1.18)	— (†)	— (†)	— (†)	— (†)	— (†)
1985.....	73.9 (0.18)	77.5 (0.19)	59.9 (0.74)	47.9 (0.99)	— (†)	— (†)	— (†)	— (†)	— (†)
1986.....	74.7 (0.18)	78.2 (0.19)	62.5 (0.72)	48.5 (0.96)	— (†)	— (†)	— (†)	— (†)	— (†)
1987.....	75.6 (0.17)	79.0 (0.18)	63.6 (0.71)	50.9 (0.94)	— (†)	— (†)	— (†)	— (†)	— (†)
1988.....	76.2 (0.17)	79.8 (0.18)	63.5 (0.70)	51.0 (0.92)	— (†)	— (†)	— (†)	— (†)	— (†)
1989.....	76.9 (0.17)	80.7 (0.18)	64.7 (0.69)	50.9 (0.89)	82.3 (1.17)	— (†)	— (†)	— (†)	— (†)
1990.....	77.6 (0.17)	81.4 (0.17)	66.2 (0.67)	50.8 (0.88)	84.2 (1.09)	— (†)	— (†)	— (†)	— (†)
1991.....	78.4 (0.16)	82.4 (0.17)	66.8 (0.66)	51.3 (0.86)	84.2 (1.05)	— (†)	— (†)	— (†)	— (†)
1992.....	79.4 (0.16)	83.4 (0.16)	67.7 (0.65)	52.6 (0.85)	83.7 (1.02)	— (†)	— (†)	— (†)	— (†)
1993.....	80.2 (0.16)	84.1 (0.16)	70.5 (0.63)	53.1 (0.83)	84.2 (1.00)	— (†)	— (†)	— (†)	— (†)
1994.....	80.9 (0.15)	84.9 (0.16)	73.0 (0.61)	53.3 (0.78)	84.8 (0.98)	— (†)	— (†)	— (†)	— (†)
1995.....	81.7 (0.15)	85.9 (0.16)	73.8 (0.61)	53.4 (0.78)	83.8 (1.06)	— (†)	— (†)	— (†)	— (†)
1996.....	81.7 (0.16)	86.0 (0.16)	74.6 (0.53)	53.1 (0.68)	83.5 (0.82)	— (†)	— (†)	— (†)	— (†)
1997.....	82.1 (0.14)	86.3 (0.15)	75.3 (0.52)	54.7 (0.54)	85.2 (0.75)	— (†)	— (†)	— (†)	— (†)
1998.....	82.8 (0.14)	87.1 (0.14)	76.4 (0.50)	55.5 (0.53)	84.9 (0.74)	— (†)	— (†)	— (†)	— (†)
1999.....	83.4 (0.14)	87.7 (0.14)	77.4 (0.49)	56.1 (0.52)	84.7 (0.73)	— (†)	— (†)	— (†)	— (†)
2000.....	84.1 (0.13)	88.4 (0.14)	78.9 (0.48)	57.0 (0.51)	85.7 (0.71)	— (†)	— (†)	— (†)	— (†)
2001.....	84.3 (0.13)	88.7 (0.13)	79.5 (0.47)	56.5 (0.50)	87.8 (0.60)	— (†)	— (†)	— (†)	— (†)
2002.....	84.1 (0.09)	88.7 (0.10)	79.2 (0.34)	57.0 (0.34)	87.7 (0.44)	— (†)	— (†)	— (†)	— (†)
2003.....	84.6 (0.09)	89.4 (0.09)	80.3 (0.33)	57.0 (0.33)	87.8 (0.43)	87.8 (0.44)	88.2 (1.87)	77.2 (1.64)	86.1 (0.97)
2004.....	85.2 (0.09)	90.0 (0.09)	81.1 (0.32)	58.4 (0.32)	86.9 (0.43)	86.9 (0.44)	88.5 (1.91)	77.8 (1.61)	87.2 (0.91)
2005.....	85.2 (0.14)	90.1 (0.16)	81.4 (0.44)	58.5 (0.53)	87.8 (0.62)	87.7 (0.62)	90.1 (2.69)	75.6 (2.02)	88.6 (0.83)
2006.....	85.5 (0.15)	90.5 (0.15)	81.2 (0.43)	59.3 (0.58)	87.5 (0.71)	87.5 (0.71)	85.7 (2.51)	78.5 (2.11)	88.1 (0.90)
2007.....	85.7 (0.15)	90.6 (0.15)	82.8 (0.39)	60.3 (0.56)	88.0 (0.79)	87.9 (0.81)	88.6 (2.30)	80.3 (2.27)	89.3 (0.87)
2008.....	86.6 (0.15)	91.5 (0.15)	83.3 (0.40)	62.3 (0.58)	89.0 (0.62)	88.8 (0.64)	94.4 (1.00)	78.4 (2.74)	89.5 (1.12)
2009.....	86.7 (0.15)	91.6 (0.15)	84.2 (0.44)	61.9 (0.56)	88.4 (0.61)	88.3 (0.63)	90.8 (1.76)	81.5 (1.83)	87.4 (0.96)
2010.....	87.1 (0.13)	92.1 (0.14)	84.6 (0.41)	62.9 (0.53)	89.1 (0.67)	89.1 (0.68)	90.2 (1.95)	80.8 (1.76)	88.9 (0.90)
2011.....	87.6 (0.13)	92.4 (0.14)	84.8 (0.41)	64.3 (0.54)	88.8 (0.55)	88.7 (0.57)	90.4 (1.61)	82.3 (1.77)	89.4 (1.00)
2012.....	87.6 (0.15)	92.5 (0.14)	85.7 (0.40)	65.0 (0.59)	89.2 (0.59)	89.0 (0.61)	91.6 (1.33)	81.8 (1.69)	91.0 (0.89)
2013.....	88.2 (0.14)	92.9 (0.13)	85.9 (0.42)	66.2 (0.52)	90.2 (0.51)	90.2 (0.53)	89.5 (1.72)	82.2 (1.68)	92.6 (0.75)
2014.....	88.3 (0.15)	93.1 (0.17)	86.7 (0.45)	66.5 (0.57)	89.5 (0.62)	89.5 (0.64)	88.8 (2.15)	81.0 (2.01)	93.3 (0.88)
2015.....	88.4 (0.12)	93.3 (0.13)	87.7 (0.37)	66.7 (0.48)	88.9 (0.49)	89.1 (0.51)	85.1 (2.04)	83.8 (1.64)	91.6 (0.87)
2016.....	89.1 (0.13)	93.8 (0.13)	87.7 (0.34)	68.5 (0.48)	90.7 (0.49)	90.6 (0.51)	93.3 (1.38)	84.7 (1.35)	92.8 (0.83)
2017.....	89.6 (0.12)	94.1 (0.13)	88.1 (0.37)	70.5 (0.47)	90.9 (0.47)	90.9 (0.49)	89.3 (2.03)	85.3 (1.36)	93.4 (0.71)
Bachelor's or higher degree <sup>4</sup>									
1910 <sup>3</sup> .....	2.7 (—)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)
1920 <sup>3</sup> .....	3.3 (—)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)
1930 <sup>3</sup> .....	3.9 (—)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)
1940.....	4.6 (—)	4.9 (—)	1.3 (—)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)
1950.....	6.2 (—)	6.6 (—)	2.2 (—)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)
1960.....	7.7 (—)	8.1 (—)	3.5 (—)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)
1970.....	11.0 (—)	11.6 (—)	6.1 (—)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)
1975.....	13.9 (—)	14.9 (—)	6.4 (—)	6.6 (—)	— (†)	— (†)	— (†)	— (†)	— (†)
1980.....	17.0 (0.16)	18.4 (0.18)	7.9 (0.44)	7.6 (0.63)	— (†)	— (†)	— (†)	— (†)	— (†)
1985.....	19.4 (0.16)	20.8 (0.19)	11.1 (0.47)	8.5 (0.55)	— (†)	— (†)	— (†)	— (†)	— (†)
1986.....	19.4 (0.16)	20.9 (0.19)	10.9 (0.47)	8.4 (0.53)	— (†)	— (†)	— (†)	— (†)	— (†)
1987.....	19.9 (0.16)	21.4 (0.19)	10.8 (0.46)	8.6 (0.53)	— (†)	— (†)	— (†)	— (†)	— (†)
1988.....	20.3 (0.16)	21.8 (0.19)	11.2 (0.46)	10.0 (0.55)	— (†)	— (†)	— (†)	— (†)	— (†)
1989.....	21.1 (0.16)	22.8 (0.19)	11.7 (0.46)	9.9 (0.53)	41.5 (1.51)	— (†)	— (†)	— (†)	— (†)
1990.....	21.3 (0.16)	23.1 (0.19)	11.3 (0.45)	9.2 (0.51)	41.7 (1.47)	— (†)	— (†)	— (†)	— (†)
1991.....	21.4 (0.16)	23.3 (0.19)	11.5 (0.45)	9.7 (0.51)	40.3 (1.42)	— (†)	— (†)	— (†)	— (†)
1992.....	21.4 (0.16)	23.2 (0.19)	11.9 (0.45)	9.3 (0.49)	39.3 (1.35)	— (†)	— (†)	— (†)	— (†)
1993.....	21.9 (0.16)	23.8 (0.19)	12.2 (0.45)	9.0 (0.48)	42.1 (1.35)	— (†)	— (†)	— (†)	— (†)
1994.....	22.2 (0.16)	24.3 (0.19)	12.9 (0.46)	9.1 (0.45)	41.3 (1.34)	— (†)	— (†)	— (†)	— (†)
1995.....	23.0 (0.16)	25.4 (0.19)	13.3 (0.47)	9.3 (0.45)	38.5 (1.40)	— (†)	— (†)	— (†)	— (†)
1996.....	23.6 (0.17)	25.9 (0.20)	13.8 (0.42)	9.3 (0.40)	42.3 (1.09)	— (†)	— (†)	— (†)	— (†)
1997.....	23.9 (0.16)	26.2 (0.19)	13.3 (0.41)	10.3 (0.33)	42.6 (1.04)	— (†)	— (†)	— (†)	— (†)
1998.....	24.4 (0.16)	26.6 (0.19)	14.8 (0.42)	11.0 (0.33)	42.3 (1.02)	— (†)	— (†)	— (†)	— (†)
1999.....	25.2 (0.16)	27.7 (0.19)	15.5 (0.43)	10.9 (0.33)	42.4 (1.01)	— (†)	— (†)	— (†)	— (†)
2000.....	25.6 (0.16)	28.1 (0.19)	16.6 (0.44)	10.6 (0.32)	44.4 (1.00)	— (†)	— (†)	— (†)	— (†)
2001.....	26.1 (0.16)	28.6 (0.19)	16.1 (0.43)	11.2 (0.32)	48.0 (0.92)	— (†)	— (†)	— (†)	— (†)
2002.....	26.7 (0.11)	29.4 (0.14)	17.2 (0.31)	11.1 (0.21)	47.7 (0.66)	— (†)	— (†)	— (†)	— (†)
2003.....	27.2 (0.11)	30.0 (0.14)	17.4 (0.31)	11.4 (0.21)	48.8 (0.65)	50.0 (0.67)	27.0 (2.56)	12.6 (1.30)	22.0 (1.17)
2004.....	27.7 (0.11)	30.6 (0.14)	17.7 (0.31)	12.1 (0.21)	48.9 (0.64)	49.7 (0.66)	32.4 (2.81)	14.3 (1.36)	21.8 (1.13)
2005.....	27.7 (0.23)	30.6 (0.29)	17.6 (0.45)	12.0 (0.31)	49.3 (0.91)	50.4 (0.93)	24.6 (3.67)	14.5 (1.51)	23.2 (1.19)

See notes at end of table.

**Table 104.10. Rates of high school completion and bachelor's degree attainment among persons age 25 and over, by race/ethnicity and sex:**  
**Selected years, 1910 through 2017—Continued**  
[Standard errors appear in parentheses]

Sex, high school or bachelor's degree attainment, and year	Total, percent of all persons age 25 and over		White <sup>1</sup>	Black <sup>1</sup>	Hispanic	Asian/Pacific Islander			American Indian/Alaska Native	Two or more races
						Total	Asian	Pacific Islander		
1	2	3	4	5	6	7	8	9	10	
2006	28.0 (0.20)	31.0 (0.25)	18.6 (0.47)	12.4 (0.32)	49.1 (1.04)	50.0 (1.06)	26.9 (3.42)	12.9 (1.60)	23.1 (1.28)	
2007	28.7 (0.21)	31.8 (0.27)	18.7 (0.51)	12.7 (0.31)	51.2 (1.02)	52.5 (1.03)	23.8 (3.30)	13.1 (1.24)	23.7 (1.30)	
2008	29.4 (0.21)	32.6 (0.26)	19.7 (0.51)	13.3 (0.29)	51.9 (0.95)	52.9 (0.97)	28.4 (2.86)	14.9 (1.52)	24.4 (1.36)	
2009	29.5 (0.21)	32.9 (0.26)	19.4 (0.45)	13.2 (0.34)	51.6 (0.91)	52.8 (0.95)	28.3 (2.68)	17.5 (2.08)	25.5 (1.34)	
2010	29.9 (0.19)	33.2 (0.24)	20.0 (0.51)	13.9 (0.31)	51.6 (1.04)	52.8 (1.09)	25.6 (2.89)	16.0 (1.77)	25.3 (1.30)	
2011	30.4 (0.19)	34.0 (0.24)	20.2 (0.50)	14.1 (0.34)	49.5 (0.92)	50.8 (0.96)	22.1 (2.73)	16.1 (1.73)	27.4 (1.27)	
2012	30.9 (0.21)	34.5 (0.27)	21.4 (0.53)	14.5 (0.35)	50.7 (0.92)	51.9 (0.94)	24.5 (2.75)	16.7 (1.82)	27.1 (1.34)	
2013	31.7 (0.21)	35.2 (0.26)	22.0 (0.49)	15.1 (0.34)	52.5 (0.92)	53.9 (0.93)	25.6 (2.66)	15.4 (1.72)	30.6 (1.35)	
2014	32.0 (0.27)	35.6 (0.35)	22.8 (0.66)	15.2 (0.39)	51.3 (1.00)	52.7 (1.02)	22.3 (3.27)	13.8 (1.43)	31.2 (1.81)	
2015	32.5 (0.22)	36.2 (0.28)	22.9 (0.52)	15.5 (0.31)	52.9 (0.84)	54.4 (0.87)	22.8 (2.39)	19.8 (1.32)	30.6 (1.52)	
2016	33.4 (0.24)	37.3 (0.31)	23.5 (0.46)	16.4 (0.40)	55.1 (0.87)	56.4 (0.89)	27.5 (2.92)	16.8 (1.39)	30.6 (1.52)	
2017	34.2 (0.24)	38.1 (0.31)	24.3 (0.49)	17.2 (0.35)	53.9 (0.84)	55.4 (0.88)	25.1 (2.81)	20.5 (1.92)	32.6 (1.39)	
<b>Males</b>										
High school completion or higher <sup>2</sup>										
1940	22.7 (—)	24.2 (—)	6.9 (—)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	
1950	32.6 (—)	34.6 (—)	12.6 (—)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	
1960	39.5 (—)	41.6 (—)	20.0 (—)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	
1970	55.0 (—)	57.2 (—)	35.4 (—)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	
1980	69.2 (0.29)	72.4 (0.31)	51.2 (1.21)	44.9 (1.71)	— (†)	— (†)	— (†)	— (†)	— (†)	
1990	77.7 (0.24)	81.6 (0.25)	65.8 (1.01)	50.3 (1.25)	86.0 (1.49)	— (†)	— (†)	— (†)	— (†)	
1995	81.7 (0.22)	86.0 (0.22)	73.5 (0.91)	52.9 (1.11)	85.8 (1.46)	— (†)	— (†)	— (†)	— (†)	
1996	81.9 (0.23)	86.1 (0.23)	74.6 (0.80)	53.0 (0.97)	86.2 (1.10)	— (†)	— (†)	— (†)	— (†)	
1997	82.0 (0.21)	86.3 (0.21)	73.8 (0.79)	54.9 (0.76)	87.5 (1.00)	— (†)	— (†)	— (†)	— (†)	
1998	82.8 (0.20)	87.1 (0.21)	75.4 (0.77)	55.7 (0.74)	87.9 (0.98)	— (†)	— (†)	— (†)	— (†)	
1999	83.4 (0.20)	87.7 (0.20)	77.2 (0.74)	56.0 (0.75)	86.9 (1.00)	— (†)	— (†)	— (†)	— (†)	
2000	84.2 (0.19)	88.5 (0.20)	79.1 (0.72)	56.6 (0.73)	88.4 (0.94)	— (†)	— (†)	— (†)	— (†)	
2001	84.4 (0.19)	88.6 (0.19)	80.6 (0.69)	55.6 (0.72)	90.6 (0.78)	— (†)	— (†)	— (†)	— (†)	
2002	83.8 (0.14)	88.5 (0.14)	79.0 (0.51)	56.1 (0.48)	89.8 (0.58)	— (†)	— (†)	— (†)	— (†)	
2003	84.1 (0.13)	89.0 (0.14)	79.9 (0.50)	56.3 (0.46)	89.8 (0.58)	89.8 (0.59)	89.8 (2.61)	76.5 (2.33)	87.2 (1.36)	
2004	84.8 (0.13)	89.9 (0.13)	80.8 (0.49)	57.3 (0.45)	88.8 (0.59)	88.8 (0.60)	88.9 (2.65)	77.1 (2.31)	87.8 (1.29)	
2005	84.9 (0.19)	89.9 (0.20)	81.4 (0.60)	57.9 (0.69)	90.4 (0.65)	90.5 (0.66)	88.5 (3.62)	75.6 (2.57)	89.0 (1.19)	
2006	85.0 (0.20)	90.2 (0.21)	80.7 (0.63)	58.5 (0.77)	89.5 (0.84)	89.7 (0.86)	85.8 (3.10)	78.1 (2.77)	88.0 (1.36)	
2007	85.0 (0.21)	90.2 (0.22)	82.5 (0.55)	58.2 (0.80)	90.0 (0.81)	90.1 (0.82)	88.1 (2.75)	78.3 (3.58)	89.4 (1.28)	
2008	85.9 (0.19)	91.1 (0.20)	82.1 (0.61)	60.9 (0.72)	91.0 (0.66)	90.8 (0.69)	95.8 (1.40)	77.3 (3.37)	89.6 (1.21)	
2009	86.2 (0.19)	91.4 (0.20)	84.2 (0.60)	60.6 (0.72)	90.8 (0.66)	90.7 (0.68)	92.1 (2.18)	80.0 (2.33)	87.3 (1.26)	
2010	86.6 (0.17)	91.8 (0.19)	84.2 (0.57)	61.4 (0.68)	91.4 (0.78)	91.5 (0.79)	89.3 (2.84)	78.9 (2.46)	88.1 (1.36)	
2011	87.1 (0.18)	92.0 (0.17)	84.2 (0.55)	63.6 (0.71)	90.6 (0.68)	90.6 (0.69)	91.5 (2.22)	80.6 (2.35)	88.1 (1.40)	
2012	87.3 (0.19)	92.2 (0.18)	85.1 (0.56)	64.0 (0.73)	90.6 (0.68)	90.5 (0.70)	93.3 (1.84)	81.8 (2.39)	90.2 (1.45)	
2013	87.6 (0.17)	92.7 (0.17)	84.9 (0.62)	64.6 (0.66)	91.6 (0.57)	91.7 (0.57)	89.3 (2.48)	81.0 (2.11)	93.3 (1.03)	
2014	87.7 (0.19)	92.5 (0.22)	86.3 (0.58)	65.1 (0.74)	91.8 (0.70)	91.9 (0.72)	90.0 (2.68)	80.2 (2.30)	93.8 (1.08)	
2015	88.0 (0.16)	93.0 (0.16)	87.2 (0.48)	65.5 (0.63)	90.9 (0.56)	91.3 (0.58)	84.9 (2.83)	81.9 (2.12)	92.5 (1.23)	
2016	88.5 (0.17)	93.4 (0.19)	87.0 (0.51)	67.2 (0.63)	92.3 (0.58)	92.2 (0.60)	94.9 (1.58)	84.1 (2.07)	92.8 (1.15)	
2017	89.1 (0.16)	93.7 (0.18)	87.4 (0.53)	69.5 (0.59)	92.5 (0.55)	92.7 (0.55)	89.1 (2.77)	83.0 (1.96)	93.2 (1.15)	
Bachelor's or higher degree <sup>4</sup>										
1940	5.5 (—)	5.9 (—)	1.4 (—)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	
1950	7.3 (—)	7.9 (—)	2.1 (—)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	
1960	9.7 (—)	10.3 (—)	3.5 (—)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	
1970	14.1 (—)	15.0 (—)	6.8 (—)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	
1980	20.9 (0.26)	22.7 (0.29)	7.7 (0.65)	9.2 (0.99)	— (†)	— (†)	— (†)	— (†)	— (†)	
1990	24.4 (0.25)	26.7 (0.28)	11.9 (0.69)	9.8 (0.74)	45.9 (2.14)	— (†)	— (†)	— (†)	— (†)	
1995	26.0 (0.25)	28.9 (0.29)	13.7 (0.71)	10.1 (0.67)	42.3 (2.06)	— (†)	— (†)	— (†)	— (†)	
1996	26.0 (0.26)	28.8 (0.30)	12.5 (0.61)	10.3 (0.59)	46.9 (1.59)	— (†)	— (†)	— (†)	— (†)	
1997	26.2 (0.24)	29.0 (0.28)	12.5 (0.60)	10.6 (0.47)	48.0 (1.51)	— (†)	— (†)	— (†)	— (†)	
1998	26.5 (0.24)	29.3 (0.28)	14.0 (0.62)	11.1 (0.47)	46.0 (1.50)	— (†)	— (†)	— (†)	— (†)	
1999	27.5 (0.24)	30.6 (0.28)	14.3 (0.62)	10.7 (0.46)	46.3 (1.48)	— (†)	— (†)	— (†)	— (†)	
2000	27.8 (0.24)	30.8 (0.28)	16.4 (0.65)	10.7 (0.45)	48.1 (1.47)	— (†)	— (†)	— (†)	— (†)	
2001	28.0 (0.24)	30.9 (0.28)	15.9 (0.64)	11.1 (0.45)	52.9 (1.33)	— (†)	— (†)	— (†)	— (†)	
2002	28.5 (0.17)	31.7 (0.20)	16.5 (0.47)	11.0 (0.30)	51.5 (0.96)	— (†)	— (†)	— (†)	— (†)	
2003	28.9 (0.17)	32.3 (0.20)	16.8 (0.47)	11.2 (0.29)	52.8 (0.96)	54.2 (0.98)	25.7 (3.76)	13.1 (1.85)	21.9 (1.69)	
2004	29.4 (0.17)	32.9 (0.20)	16.6 (0.46)	11.8 (0.30)	52.9 (0.93)	54.0 (0.95)	31.9 (3.94)	15.6 (1.99)	20.7 (1.60)	
2005	28.9 (0.29)	32.4 (0.37)	16.0 (0.64)	11.8 (0.43)	53.0 (1.10)	54.3 (1.13)	25.1 (4.70)	17.0 (2.30)	23.1 (1.67)	
2006	29.2 (0.24)	32.8 (0.31)	17.5 (0.63)	11.9 (0.40)	51.9 (1.33)	53.1 (1.35)	26.6 (4.67)	13.7 (2.07)	22.6 (1.75)	
2007	29.5 (0.25)	33.2 (0.33)	18.1 (0.62)	11.8 (0.37)	54.2 (1.31)	55.8 (1.32)	19.2 (4.14)	12.7 (1.89)	21.5 (1.81)	
2008	30.1 (0.25)	33.8 (0.33)	18.7 (0.67)	12.6 (0.39)	54.9 (1.24)	56.1 (1.24)	27.5 (3.64)	14.6 (2.15)	22.7 (1.62)	
2009	30.1 (0.28)	33.9 (0.36)	17.9 (0.57)	12.5 (0.41)	54.8 (1.14)	56.5 (1.17)	23.0 (3.35)	16.1 (2.96)	24.4 (1.92)	
2010	30.3 (0.23)	34.2 (0.30)	17.9 (0.59)	12.9 (0.37)	54.6 (1.26)	56.2 (1.30)	18.0 (3.74)	13.5 (2.61)	24.8 (1.86)	
2011	30.8 (0.23)	35.0 (0.29)	18.4 (0.64)	13.1 (0.44)	52.4 (1.15)	54.0 (1.21)	19.1 (3.55)	14.1 (1.98)	25.7 (1.91)	
2012	31.4 (0.27)	35.5 (0.33)	19.5 (0.62)	13.3 (0.45)	53.1 (1.26)	54.4 (1.29)	24.1 (3.34)	16.1 (2.27)	25.2 (1.85)	
2013	32.0 (0.25)	36.0 (0.31)	20.2 (0.64)	13.9 (0.43)	55.1 (1.17)	56.9 (1.20)	23.1 (3.32)	14.0 (2.13)	29.0 (1.78)	
2014	31.9 (0.32)	35.9 (0.41)	21.0 (0.88)	14.2 (0.51)	53.7 (1.33)	55.5 (1.34)	16.7 (3.42)	14.8 (2.46)	29.2 (2.56)	
2015	32.3 (0.27)	36.3 (0.35)	21.1 (0.63)	14.3 (0.38)	55.6 (1.11)	57.3 (1.16)	24.4 (2.87)	18.1 (2.14)	27.2 (2.14)	
2016	33.2 (0.29)	37.2 (0.37)	21.8 (0.62)	15.4 (0.48)	57.7 (1.05)	59.4 (1.10)	22.2 (3.65)	16.5 (1.87)	25.6 (2.06)	
2017	33.7 (0.28)	37.8 (0.37)	22.6 (0.61)	15.8 (0.41)	55.7 (1.10)	57.2 (1.14)	26.2 (3.61)	17.7 (1.93)	30.3 (1.87)	

See notes at end of table.

**Table 104.10. Rates of high school completion and bachelor's degree attainment among persons age 25 and over, by race/ethnicity and sex: Selected years, 1910 through 2017—Continued**  
[Standard errors appear in parentheses]

Sex, high school or bachelor's degree attainment, and year	Total, percent of all persons age 25 and over	White <sup>1</sup>	Black <sup>1</sup>	Hispanic	Asian/Pacific Islander			American Indian/Alaska Native	Two or more races
					Total	Asian	Pacific Islander		
1	2	3	4	5	6	7	8	9	10
<b>Females</b>									
<b>High school completion or higher<sup>2</sup></b>									
1940 .....	26.3 (—)	28.1 (—)	8.4 (—)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)
1950 .....	36.0 (—)	38.2 (—)	14.7 (—)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)
1960 .....	42.5 (—)	44.7 (—)	23.1 (—)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)
1970 .....	55.4 (—)	57.7 (—)	36.6 (—)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)
1980 .....	68.1 (0.28)	71.5 (0.30)	51.5 (1.08)	44.2 (1.63)	— (†)	— (†)	— (†)	— (†)	— (†)
1990 .....	77.5 (0.23)	81.3 (0.24)	66.5 (0.90)	51.3 (1.23)	82.5 (1.57)	— (†)	— (†)	— (†)	— (†)
1995 .....	81.6 (0.21)	85.8 (0.22)	74.1 (0.81)	53.8 (1.09)	81.9 (1.54)	— (†)	— (†)	— (†)	— (†)
1996 .....	81.6 (0.22)	85.9 (0.22)	74.6 (0.71)	53.3 (0.97)	81.0 (1.21)	— (†)	— (†)	— (†)	— (†)
1997 .....	82.2 (0.20)	86.3 (0.20)	76.5 (0.68)	54.6 (0.76)	82.9 (1.11)	— (†)	— (†)	— (†)	— (†)
1998 .....	82.9 (0.19)	87.1 (0.20)	77.1 (0.67)	55.3 (0.75)	82.3 (1.09)	— (†)	— (†)	— (†)	— (†)
1999 .....	83.3 (0.19)	87.6 (0.19)	77.5 (0.66)	56.3 (0.73)	82.8 (1.06)	— (†)	— (†)	— (†)	— (†)
2000 .....	84.0 (0.19)	88.4 (0.19)	78.7 (0.64)	57.5 (0.71)	83.4 (1.03)	— (†)	— (†)	— (†)	— (†)
2001 .....	84.2 (0.18)	88.8 (0.19)	78.6 (0.64)	57.4 (0.70)	85.2 (0.91)	— (†)	— (†)	— (†)	— (†)
2002 .....	84.4 (0.13)	88.9 (0.13)	79.4 (0.45)	57.9 (0.48)	85.7 (0.64)	— (†)	— (†)	— (†)	— (†)
2003 .....	85.0 (0.13)	89.7 (0.13)	80.7 (0.44)	57.8 (0.46)	86.1 (0.62)	86.1 (0.64)	86.9 (2.63)	77.9 (2.30)	85.1 (1.38)
2004 .....	85.4 (0.12)	90.1 (0.12)	81.2 (0.43)	59.5 (0.46)	85.3 (0.63)	85.1 (0.64)	88.1 (2.76)	78.6 (2.24)	86.5 (1.29)
2005 .....	85.5 (0.15)	90.3 (0.18)	81.5 (0.53)	59.1 (0.63)	85.4 (0.76)	85.2 (0.78)	91.7 (2.46)	75.6 (2.29)	88.1 (1.12)
2006 .....	85.9 (0.16)	90.8 (0.17)	81.5 (0.51)	60.1 (0.59)	85.6 (0.82)	85.6 (0.81)	85.7 (3.08)	78.9 (2.18)	88.2 (1.11)
2007 .....	86.4 (0.15)	91.0 (0.16)	83.0 (0.49)	62.5 (0.56)	86.1 (0.93)	86.0 (0.97)	89.1 (2.40)	81.9 (1.91)	89.2 (1.22)
2008 .....	87.2 (0.17)	91.8 (0.18)	84.2 (0.49)	63.7 (0.61)	87.2 (0.75)	87.0 (0.78)	93.0 (1.57)	79.2 (2.95)	89.5 (1.53)
2009 .....	87.1 (0.16)	91.9 (0.17)	84.2 (0.48)	63.3 (0.59)	86.4 (0.73)	86.3 (0.75)	89.7 (2.33)	82.7 (1.96)	87.6 (1.16)
2010 .....	87.6 (0.15)	92.3 (0.17)	85.0 (0.46)	64.4 (0.59)	87.2 (0.72)	87.1 (0.75)	90.9 (2.41)	82.5 (1.95)	89.7 (1.13)
2011 .....	88.0 (0.15)	92.8 (0.16)	85.3 (0.50)	65.1 (0.57)	87.1 (0.64)	87.0 (0.66)	89.5 (2.25)	83.8 (2.00)	90.7 (1.22)
2012 .....	88.0 (0.17)	92.7 (0.18)	86.1 (0.46)	66.0 (0.65)	87.9 (0.64)	87.8 (0.66)	90.1 (2.11)	81.8 (1.84)	91.6 (1.13)
2013 .....	88.6 (0.16)	93.2 (0.16)	86.6 (0.46)	67.9 (0.55)	89.0 (0.61)	88.9 (0.63)	89.6 (2.01)	83.1 (2.16)	92.0 (0.95)
2014 .....	88.9 (0.17)	93.7 (0.20)	87.0 (0.55)	67.9 (0.61)	87.4 (0.76)	87.4 (0.77)	87.8 (2.98)	81.6 (2.78)	92.8 (1.28)
2015 .....	88.8 (0.14)	93.5 (0.15)	88.2 (0.43)	67.8 (0.53)	87.1 (0.60)	87.2 (0.62)	85.3 (2.46)	85.6 (2.10)	90.9 (1.14)
2016 .....	89.6 (0.14)	94.3 (0.15)	88.3 (0.39)	69.7 (0.53)	89.3 (0.55)	89.2 (0.56)	91.8 (2.26)	85.2 (1.69)	92.8 (1.07)
2017 .....	90.0 (0.14)	94.5 (0.14)	88.6 (0.43)	71.6 (0.52)	89.4 (0.54)	89.4 (0.56)	89.5 (2.20)	87.2 (1.52)	93.6 (0.92)
<b>Bachelor's or higher degree<sup>4</sup></b>									
1940 .....	3.8 (—)	4.0 (—)	1.2 (—)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)
1950 .....	5.2 (—)	5.4 (—)	2.4 (—)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)
1960 .....	5.8 (—)	6.0 (—)	3.6 (—)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)
1970 .....	8.2 (—)	8.6 (—)	5.6 (—)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)
1980 .....	13.6 (0.20)	14.4 (0.23)	8.1 (0.59)	6.2 (0.79)	— (†)	— (†)	— (†)	— (†)	— (†)
1990 .....	18.4 (0.21)	19.8 (0.25)	10.8 (0.59)	8.7 (0.69)	37.8 (2.01)	— (†)	— (†)	— (†)	— (†)
1995 .....	20.2 (0.22)	22.1 (0.26)	13.0 (0.62)	8.4 (0.61)	35.0 (1.90)	— (†)	— (†)	— (†)	— (†)
1996 .....	21.4 (0.23)	23.2 (0.27)	14.8 (0.58)	8.3 (0.53)	38.0 (1.50)	— (†)	— (†)	— (†)	— (†)
1997 .....	21.7 (0.21)	23.7 (0.25)	14.0 (0.56)	10.1 (0.46)	37.4 (1.43)	— (†)	— (†)	— (†)	— (†)
1998 .....	22.4 (0.21)	24.1 (0.25)	15.4 (0.58)	10.9 (0.47)	38.9 (1.39)	— (†)	— (†)	— (†)	— (†)
1999 .....	23.1 (0.22)	25.0 (0.26)	16.5 (0.59)	11.0 (0.46)	39.0 (1.37)	— (†)	— (†)	— (†)	— (†)
2000 .....	23.6 (0.22)	25.5 (0.26)	16.8 (0.59)	10.6 (0.44)	41.0 (1.37)	— (†)	— (†)	— (†)	— (†)
2001 .....	24.3 (0.22)	26.5 (0.26)	16.3 (0.58)	11.3 (0.45)	43.4 (1.26)	— (†)	— (†)	— (†)	— (†)
2002 .....	25.1 (0.15)	27.3 (0.19)	17.7 (0.42)	11.2 (0.31)	44.2 (0.91)	— (†)	— (†)	— (†)	— (†)
2003 .....	25.7 (0.15)	27.9 (0.19)	18.0 (0.43)	11.6 (0.30)	45.3 (0.89)	46.3 (0.92)	28.0 (3.50)	12.2 (1.81)	22.2 (1.61)
2004 .....	26.1 (0.15)	28.4 (0.19)	18.5 (0.43)	12.3 (0.31)	45.2 (0.88)	45.7 (0.90)	32.9 (4.01)	13.1 (1.84)	22.7 (1.59)
2005 .....	26.5 (0.23)	28.9 (0.30)	18.9 (0.51)	12.1 (0.42)	46.0 (1.08)	46.8 (1.10)	24.1 (4.08)	12.2 (2.00)	23.3 (1.43)
2006 .....	26.9 (0.22)	29.3 (0.28)	19.5 (0.55)	12.9 (0.39)	46.6 (1.11)	47.3 (1.15)	27.2 (4.03)	12.3 (1.81)	23.6 (1.70)
2007 .....	28.0 (0.23)	30.6 (0.29)	19.2 (0.59)	13.7 (0.44)	48.6 (1.07)	49.5 (1.10)	27.9 (4.16)	13.4 (1.53)	25.8 (1.58)
2008 .....	28.8 (0.24)	31.5 (0.29)	20.5 (0.58)	14.1 (0.37)	49.3 (0.99)	50.1 (1.02)	29.3 (3.82)	15.1 (1.75)	26.1 (1.92)
2009 .....	29.1 (0.21)	31.9 (0.26)	20.6 (0.56)	14.0 (0.41)	48.8 (0.98)	49.7 (1.02)	32.9 (3.74)	18.8 (1.91)	26.6 (1.67)
2010 .....	29.6 (0.21)	32.4 (0.26)	21.6 (0.63)	14.9 (0.42)	49.1 (1.12)	49.9 (1.19)	32.2 (4.11)	18.2 (1.83)	25.7 (1.59)
2011 .....	30.1 (0.22)	33.1 (0.28)	21.7 (0.60)	15.2 (0.43)	47.0 (1.04)	48.0 (1.07)	24.7 (3.52)	17.9 (2.17)	28.9 (1.70)
2012 .....	30.6 (0.23)	33.5 (0.30)	22.9 (0.61)	15.8 (0.45)	48.6 (0.93)	49.7 (0.94)	24.9 (3.70)	17.2 (2.13)	28.8 (1.88)
2013 .....	31.4 (0.24)	34.4 (0.31)	23.4 (0.61)	16.2 (0.42)	50.2 (0.94)	51.3 (0.96)	28.0 (3.44)	16.6 (2.05)	32.0 (1.89)
2014 .....	32.0 (0.32)	35.3 (0.42)	24.2 (0.75)	16.1 (0.50)	49.3 (1.12)	50.4 (1.15)	27.1 (4.38)	13.1 (1.92)	33.1 (2.08)
2015 .....	32.7 (0.25)	36.1 (0.32)	24.3 (0.60)	16.6 (0.42)	50.4 (0.82)	51.8 (0.85)	21.3 (3.13)	21.3 (1.71)	33.4 (1.96)
2016 .....	33.7 (0.27)	37.3 (0.32)	24.8 (0.54)	17.4 (0.47)	52.9 (0.96)	53.8 (0.97)	32.4 (3.94)	17.0 (1.78)	35.0 (2.17)
2017 .....	34.6 (0.28)	38.3 (0.36)	25.7 (0.59)	18.6 (0.48)	52.3 (0.94)	53.8 (0.97)	24.2 (3.54)	22.9 (2.73)	34.6 (1.87)

—Not available.  
†Not applicable.

<sup>1</sup>Includes persons of Hispanic ethnicity for years prior to 1980.  
<sup>2</sup>Data for years prior to 1993 are for persons with 4 or more years of high school. Data for later years are for high school completers—i.e., those persons who graduated from high school with a diploma as well as those who completed high school through equivalency programs, such as a GED program.  
<sup>3</sup>Estimates based on Census Bureau reverse projection of 1940 census data on education by age.  
<sup>4</sup>Data for years prior to 1993 are for persons with 4 or more years of college.

NOTE: Beginning in 2005, standard errors were computed using replicate weights, which produced more precise values than the generalized variance function methodology used in prior years. For 1960 and prior years, data were collected in April. For later years, data were collected in March. Race categories exclude persons of Hispanic ethnicity except where otherwise noted.  
SOURCE: U.S. Department of Commerce, Census Bureau, *U.S. Census of Population: 1960, Vol. I, Part 1*; J.K. Folger and C.B. Nam, *Education of the American Population* (1960 Census Monograph); Current Population Reports, Series P-20, various years; and Current Population Survey (CPS), Annual Social and Economic Supplement, 1970 through 2017. (This table was prepared January 2018.)

**Table 104.20. Percentage of persons 25 to 29 years old with selected levels of educational attainment, by race/ethnicity and sex: Selected years, 1920 through 2017**

[Standard errors appear in parentheses]

Sex, selected level of educational attainment, and year	Total	White <sup>1</sup>	Black <sup>1</sup>	Hispanic	Asian/Pacific Islander			American Indian/ Alaska Native	Two or more races
					Total	Asian	Pacific Islander		
1	2	3	4	5	6	7	8	9	10
<b>Total</b>									
<b>High school completion or higher<sup>2</sup></b>									
1920 <sup>3</sup> .....	— (†)	22.0 (—)	6.3 (—)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)
1940.....	38.1 (—)	41.2 (—)	12.3 (—)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)
1950.....	52.8 (—)	56.3 (—)	23.6 (—)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)
1960.....	60.7 (—)	63.7 (—)	38.6 (—)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)
1970.....	75.4 (—)	77.8 (—)	58.4 (—)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)
1980.....	85.4 (0.40)	89.2 (0.40)	76.7 (1.64)	58.0 (2.59)	— (†)	— (†)	— (†)	— (†)	— (†)
1990.....	85.7 (0.38)	90.1 (0.37)	81.7 (1.37)	58.2 (1.94)	91.5 (2.09)	— (†)	— (†)	— (†)	— (†)
1995.....	86.8 (0.39)	92.5 (0.36)	86.7 (1.23)	57.1 (1.80)	90.8 (2.26)	— (†)	— (†)	81.5 (6.97)	— (†)
2000.....	88.1 (0.37)	94.0 (0.33)	86.8 (1.13)	62.8 (1.22)	93.7 (1.27)	— (†)	— (†)	79.2 (5.19)	— (†)
2005.....	86.2 (0.42)	92.8 (0.39)	87.0 (1.03)	63.3 (1.32)	95.6 (0.88)	95.5 (0.92)	99.5 (0.54)	80.2 (4.77)	91.4 (1.93)
2006.....	86.4 (0.36)	93.4 (0.35)	86.3 (1.09)	63.2 (1.17)	96.4 (0.88)	96.6 (0.86)	93.4 (3.70)	79.8 (5.19)	89.3 (2.70)
2007.....	87.0 (0.36)	93.5 (0.33)	87.7 (1.16)	65.0 (1.06)	96.8 (0.91)	97.5 (0.73)	86.2 (7.36)	84.5 (4.41)	90.5 (2.19)
2008.....	87.8 (0.36)	93.7 (0.38)	87.5 (1.29)	68.3 (1.16)	95.9 (0.86)	95.8 (0.91)	97.5 (2.09)	86.7 (3.36)	94.2 (1.72)
2009.....	88.6 (0.36)	94.6 (0.33)	88.9 (0.98)	68.9 (1.16)	95.4 (0.91)	95.8 (0.95)	91.6 (3.46)	81.1 (4.26)	88.5 (2.40)
2010.....	88.8 (0.32)	94.5 (0.31)	89.6 (0.93)	69.4 (1.22)	93.7 (1.18)	94.0 (1.24)	89.7 (5.05)	89.9 (2.98)	88.5 (2.76)
2011.....	89.0 (0.34)	94.4 (0.34)	88.1 (0.98)	71.5 (1.12)	95.4 (0.87)	95.3 (0.91)	98.3 (1.23)	84.9 (3.95)	90.7 (2.15)
2012.....	89.7 (0.38)	94.6 (0.37)	88.5 (0.96)	75.0 (1.16)	96.2 (0.73)	96.1 (0.77)	98.6 (0.83)	84.5 (3.94)	92.8 (2.22)
2013.....	89.9 (0.35)	94.1 (0.35)	90.3 (0.92)	75.8 (1.10)	95.4 (0.77)	95.4 (0.81)	95.5 (2.71)	84.7 (3.47)	97.4 (1.11)
2014.....	90.8 (0.39)	95.6 (0.41)	91.9 (0.93)	74.7 (1.31)	96.6 (0.76)	96.6 (0.79)	96.0 (2.19)	83.9 (4.67)	96.0 (2.01)
2015.....	91.2 (0.31)	95.4 (0.32)	92.5 (0.78)	77.1 (1.02)	95.3 (0.92)	95.8 (0.87)	87.2 (6.60)	86.7 (2.65)	94.9 (1.54)
2016.....	91.7 (0.34)	95.2 (0.33)	91.1 (0.92)	80.6 (1.01)	96.7 (0.68)	96.8 (0.68)	94.0 (3.90)	84.5 (4.13)	94.8 (1.49)
2017.....	92.5 (0.32)	95.6 (0.30)	92.3 (0.89)	82.7 (0.92)	96.4 (0.76)	96.8 (0.76)	90.1 (4.96)	84.6 (4.34)	94.8 (2.01)
<b>Associate's or higher degree</b>									
1995.....	33.0 (0.54)	38.3 (0.67)	22.5 (1.52)	13.0 (1.23)	51.1 (3.91)	— (†)	— (†)	11.6 ! (5.75)	— (†)
2000.....	37.7 (0.55)	43.7 (0.70)	26.0 (1.47)	15.4 (0.91)	60.8 (2.55)	— (†)	— (†)	29.7 (5.84)	— (†)
2005.....	37.3 (0.56)	43.9 (0.77)	26.5 (1.43)	17.3 (0.91)	68.4 (2.14)	68.7 (2.17)	17.8 ! (6.08)	24.4 (4.13)	36.8 (3.99)
2006.....	37.6 (0.51)	45.1 (0.75)	25.3 (1.48)	16.1 (0.77)	66.7 (2.27)	68.6 (2.33)	33.5 (8.26)	18.2 (5.17)	31.6 (3.67)
2007.....	38.6 (0.55)	45.8 (0.77)	27.3 (1.36)	18.1 (0.77)	66.2 (2.08)	68.0 (2.11)	37.1 (8.93)	14.6 (4.27)	35.3 (3.80)
2008.....	39.7 (0.55)	47.6 (0.72)	27.6 (1.39)	18.7 (0.90)	65.1 (2.21)	66.9 (2.19)	35.3 (7.53)	20.9 (3.60)	33.5 (3.84)
2009.....	39.3 (0.58)	47.1 (0.83)	27.8 (1.43)	18.4 (0.89)	63.0 (2.21)	66.7 (2.23)	20.9 (5.84)	20.8 (4.05)	35.6 (3.76)
2010.....	41.1 (0.51)	48.9 (0.69)	29.4 (1.41)	20.5 (0.99)	60.5 (2.33)	63.4 (2.45)	22.0 ! (7.92)	28.9 (6.19)	36.9 (3.57)
2011.....	42.1 (0.65)	50.1 (0.85)	29.8 (1.50)	20.6 (0.87)	63.6 (2.36)	64.6 (2.35)	39.7 (9.75)	25.0 (4.52)	42.0 (4.33)
2012.....	42.8 (0.58)	49.9 (0.80)	31.6 (1.40)	22.7 (1.01)	66.3 (1.96)	68.3 (2.01)	32.4 (6.33)	23.6 (4.32)	47.6 (3.76)
2013.....	43.2 (0.57)	51.0 (0.79)	29.5 (1.42)	23.1 (0.87)	65.5 (1.93)	67.2 (1.96)	37.3 (7.84)	26.3 (5.70)	44.2 (3.81)
2014.....	44.1 (0.75)	51.9 (1.01)	32.0 (1.98)	23.4 (1.18)	67.8 (2.35)	70.3 (2.40)	† (†)	18.2 (4.23)	40.8 (4.46)
2015.....	45.7 (0.53)	54.0 (0.78)	31.1 (1.41)	25.7 (1.01)	68.9 (2.09)	71.7 (2.13)	24.9 (6.58)	22.3 (3.65)	38.4 (3.56)
2016.....	46.1 (0.62)	54.3 (0.82)	31.7 (1.46)	27.0 (1.19)	69.5 (2.07)	71.5 (2.15)	28.6 (8.03)	16.5 (3.47)	41.3 (4.10)
2017.....	46.1 (0.61)	53.5 (0.83)	32.7 (1.35)	27.7 (1.00)	68.0 (2.11)	69.9 (2.10)	35.8 (8.65)	27.1 (5.97)	45.6 (3.86)
<b>Bachelor's or higher degree<sup>4</sup></b>									
1920 <sup>3</sup> .....	— (†)	4.5 (—)	1.2 (—)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)
1940.....	5.9 (—)	6.4 (—)	1.6 (—)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)
1950.....	7.7 (—)	8.2 (—)	2.8 (—)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)
1960.....	11.0 (—)	11.8 (—)	5.4 (—)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)
1970.....	16.4 (—)	17.3 (—)	10.0 (—)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)
1980.....	22.5 (0.47)	25.0 (0.55)	11.6 (1.24)	7.7 (1.39)	— (†)	— (†)	— (†)	— (†)	— (†)
1990.....	23.2 (0.46)	26.4 (0.55)	13.4 (1.20)	8.1 (1.07)	43.0 (3.71)	— (†)	— (†)	— (†)	— (†)
1995.....	24.7 (0.49)	28.8 (0.62)	15.4 (1.31)	8.9 (1.04)	43.1 (3.87)	— (†)	— (†)	— (†)	— (†)
2000.....	29.1 (0.52)	34.0 (0.67)	17.8 (1.28)	9.7 (0.75)	54.3 (2.60)	— (†)	— (†)	15.9 (4.68)	— (†)
2005.....	28.8 (0.55)	34.5 (0.78)	17.6 (1.21)	11.2 (0.81)	60.0 (2.20)	62.1 (2.25)	17.0 ! (6.01)	16.4 (3.56)	28.0 (3.79)
2006.....	28.4 (0.52)	34.3 (0.78)	18.7 (1.33)	9.5 (0.66)	59.6 (2.39)	61.9 (2.44)	20.7 ! (6.70)	9.5 ! (4.26)	23.3 (3.14)
2007.....	29.6 (0.54)	35.5 (0.75)	19.5 (1.21)	11.6 (0.61)	59.4 (2.24)	61.5 (2.26)	26.5 ! (8.25)	6.4 ! (2.99)	26.3 (3.44)
2008.....	30.8 (0.51)	37.1 (0.70)	20.4 (1.35)	12.4 (0.69)	57.9 (2.26)	60.2 (2.32)	20.2 ! (6.75)	14.3 (3.17)	26.6 (3.75)
2009.....	30.6 (0.57)	37.2 (0.85)	18.9 (1.36)	12.2 (0.80)	56.4 (2.25)	60.3 (2.28)	12.5 ! (4.44)	15.9 (3.73)	29.7 (3.84)
2010.....	31.7 (0.51)	38.6 (0.72)	19.4 (1.20)	13.5 (0.80)	52.5 (2.32)	55.8 (2.47)	10.0 ! (4.40)	18.6 (4.80)	29.8 (3.22)
2011.....	32.2 (0.62)	39.2 (0.88)	20.1 (1.25)	12.8 (0.73)	56.0 (2.50)	57.2 (2.52)	28.8 ! (9.04)	17.3 (4.45)	32.4 (3.85)
2012.....	33.5 (0.58)	39.8 (0.78)	23.2 (1.38)	14.8 (0.90)	59.6 (2.17)	61.7 (2.24)	25.5 (6.12)	10.4 (2.87)	32.9 (3.72)
2013.....	33.6 (0.55)	40.4 (0.77)	20.5 (1.38)	15.7 (0.82)	58.0 (2.16)	60.1 (2.18)	24.7 ! (7.54)	16.6 (4.89)	29.6 (3.45)
2014.....	34.0 (0.75)	40.8 (1.05)	22.4 (1.82)	15.1 (0.97)	60.8 (2.44)	63.2 (2.50)	† (†)	5.6 ! (2.24)	32.4 (4.12)
2015.....	35.6 (0.55)	43.0 (0.83)	21.3 (1.33)	16.4 (0.78)	62.8 (2.25)	66.0 (2.27)	11.4 ! (4.64)	15.3 (3.21)	29.6 (3.62)
2016.....	36.1 (0.61)	42.9 (0.87)	22.7 (1.26)	18.7 (1.06)	63.5 (2.11)	65.6 (2.20)	20.4 ! (6.62)	10.2 (2.57)	28.3 (3.76)
2017.....	35.7 (0.63)	42.1 (0.88)	22.8 (1.37)	18.5 (0.82)	60.6 (2.22)	62.7 (2.28)	25.3 (7.04)	16.3 ! (5.22)	32.8 (3.84)
<b>Master's or higher degree</b>									
1995.....	4.5 (0.24)	5.3 (0.31)	1.8 (0.48)	1.6 (0.46)	10.9 (2.43)	— (†)	— (†)	† (†)	— (†)
2000.....	5.4 (0.26)	5.8 (0.33)	3.7 (0.63)	2.1 (0.36)	15.5 (1.89)	— (†)	— (†)	† (†)	— (†)
2005.....	6.3 (0.31)	7.5 (0.45)	2.6 (0.44)	2.1 (0.38)	16.9 (1.93)	17.5 (2.01)	† (†)	† (†)	7.0 ! (2.49)
2006.....	6.4 (0.29)	7.5 (0.42)	3.2 (0.58)	1.5 (0.25)	20.1 (2.00)	21.1 (2.10)	† (†)	† (†)	7.1 (1.83)
2007.....	6.3 (0.30)	7.6 (0.42)	3.5 (0.59)	1.5 (0.25)	17.5 (1.84)	18.5 (1.93)	† (†)	† (†)	6.2 ! (2.38)
2008.....	7.0 (0.28)	8.2 (0.40)	4.4 (0.64)	2.0 (0.28)	19.9 (1.84)	21.0 (1.96)	† (†)	† (†)	6.9 ! (2.57)
2009.....	7.4 (0.30)	8.9 (0.45)	4.2 (0.54)	1.9 (0.26)	21.1 (1.98)	22.9 (2.16)	† (†)	† (†)	6.5 ! (2.02)
2010.....	6.8 (0.26)	7.7 (0.38)	4.7 (0.60)	2.5 (0.37)	17.9 (1.87)	19.2 (1.99)	† (†)	† (†)	5.3 ! (1.63)
2011.....	6.9 (0.32)	8.1 (0.45)	4.0 (0.52)	2.7 (0.37)	16.7 (1.78)	17.5 (1.85)	† (†)	† (†)	6.1 (1.59)
2012.....	7.2 (0.35)	8.2 (0.51)	5.1 (0.66)	2.7 (0.36)	17.8 (1.85)	18.9 (1.92)	† (†)	2.6 ! (1.28)	4.1 ! (1.49)
2013.....	7.4 (0.31)	8.6 (0.50)	3.3 (0.50)	3.0 (0.37)	20.6 (1.73)	21.8 (1.79)	† (†)	† (†)	4.8 ! (1.54)
2014.....	7.6 (0.41)	9.0 (0.58)	3.9 (0.77)	2.9 (0.43)	17.9 (1.84)	18.8 (1.92)	† (†)	† (†)	7.1 ! (2.32)
2015.....	8.7 (0.33)	10.1 (0.51)	5.0 (0.60)	3.2 (0.41)	21.6 (1.85)	22.8 (1.97)	† (†)	† (†)	7.8 (1.79)
2016.....	9.2 (0.33)	10.5 (0.52)	5.2 (0.69)	4.1 (0.49)	23.8 (1.95)	24.9 (2.01)	† (†)	2.1 ! (0.85)	5.3 ! (1.74)
2017.....	9.2 (0.34)	10.1 (0.55)	5.5 (0.71)	3.9 (0.40)	24.5 (1.76)	25.6 (1.89)	† (†)	† (†)	5.0 ! (1.72)

See notes at end of table.

**Table 104.20. Percentage of persons 25 to 29 years old with selected levels of educational attainment, by race/ethnicity and sex: Selected years, 1920 through 2017—Continued**

[Standard errors appear in parentheses]

Sex, selected level of educational attainment, and year	Total	White <sup>1</sup>	Black <sup>1</sup>	Hispanic	Asian/Pacific Islander			American Indian/ Alaska Native	Two or more races
					Total	Asian	Pacific Islander		
1	2	3	4	5	6	7	8	9	10
<b>Males</b>									
High school completion or higher <sup>2</sup>									
1980.....	85.4 (0.49)	89.1 (0.48)	74.7 (1.97)	57.0 (3.45)	— (†)	— (†)	— (†)	— (†)	— (†)
1990.....	84.4 (0.56)	88.6 (0.57)	81.4 (2.03)	56.6 (2.69)	95.3 (1.78)	— (†)	— (†)	— (†)	— (†)
1995.....	86.3 (0.56)	92.0 (0.53)	88.4 (1.72)	55.7 (2.51)	90.5 (3.11)	— (†)	— (†)	83.6 (9.73)	— (†)
2000.....	86.7 (0.55)	92.9 (0.51)	87.6 (1.67)	59.2 (1.76)	92.1 (2.03)	— (†)	— (†)	68.5 (9.40)	— (†)
2005.....	85.0 (0.58)	91.8 (0.53)	86.6 (1.76)	63.2 (1.72)	96.8 (1.09)	96.7 (1.15)	99.1 (0.94)	73.0 (8.43)	89.1 (3.07)
2006.....	84.4 (0.54)	92.3 (0.52)	84.2 (2.02)	60.5 (1.64)	97.2 (1.01)	97.2 (1.06)	97.8 (1.60)	75.0 (6.34)	89.2 (3.81)
2007.....	84.9 (0.50)	92.7 (0.48)	87.4 (1.65)	60.5 (1.59)	95.9 (1.13)	96.3 (1.10)	† (†)	76.6 (8.90)	92.9 (2.64)
2008.....	85.8 (0.54)	92.6 (0.58)	85.7 (1.99)	65.6 (1.55)	95.6 (1.23)	95.4 (1.31)	100.0 (0.00)	90.5 (4.04)	92.7 (2.68)
2009.....	87.5 (0.51)	94.4 (0.46)	88.8 (1.56)	66.2 (1.54)	96.4 (1.17)	96.2 (1.25)	98.2 (1.81)	77.5 (8.59)	92.0 (3.01)
2010.....	87.4 (0.44)	94.6 (0.42)	87.9 (1.52)	65.7 (1.52)	93.8 (1.83)	93.5 (1.95)	98.2 (1.35)	93.2 (3.47)	87.9 (4.32)
2011.....	87.5 (0.49)	93.4 (0.48)	88.0 (1.43)	69.2 (1.62)	94.2 (1.30)	93.9 (1.36)	98.5 (1.46)	84.5 (5.28)	86.2 (4.41)
2012.....	88.4 (0.51)	93.8 (0.50)	86.2 (1.58)	73.3 (1.57)	96.1 (1.04)	96.0 (1.09)	97.3 (1.74)	82.8 (8.27)	91.0 (3.58)
2013.....	88.3 (0.52)	93.3 (0.53)	87.8 (1.60)	73.1 (1.64)	94.4 (1.12)	94.3 (1.21)	96.3 (3.04)	89.0 (3.25)	96.8 (1.77)
2014.....	90.1 (0.53)	95.4 (0.60)	93.5 (1.18)	72.4 (1.76)	96.1 (1.10)	96.1 (1.14)	† (†)	83.5 (7.17)	96.9 (2.02)
2015.....	90.5 (0.45)	95.1 (0.45)	91.8 (1.22)	75.7 (1.41)	95.9 (1.23)	97.1 (0.96)	75.8 (12.49)	83.2 (4.73)	98.0 (1.27)
2016.....	90.9 (0.46)	94.8 (0.44)	91.7 (1.19)	78.3 (1.34)	96.0 (1.06)	96.2 (1.05)	† (†)	84.4 (5.70)	98.1 (1.22)
2017.....	91.5 (0.48)	94.8 (0.46)	92.0 (1.19)	80.7 (1.31)	97.3 (0.77)	97.7 (0.75)	89.3 (6.87)	76.5 (8.11)	95.9 (2.38)
Associate's or higher degree									
1995.....	32.1 (0.76)	37.1 (0.94)	23.5 (2.28)	11.6 (1.62)	49.8 (5.30)	— (†)	— (†)	† (†)	— (†)
2000.....	35.3 (0.78)	40.7 (0.98)	24.1 (2.16)	13.0 (1.20)	60.7 (3.68)	— (†)	— (†)	17.6 ! (7.71)	— (†)
2005.....	33.4 (0.74)	39.6 (1.05)	22.7 (1.77)	16.1 (1.12)	64.0 (3.16)	66.7 (3.19)	18.5 ! (7.78)	19.9 ! (7.06)	31.0 (5.10)
2006.....	33.8 (0.67)	41.5 (0.97)	21.3 (2.02)	12.8 (1.02)	65.4 (3.32)	67.9 (3.37)	25.6 ! (9.90)	18.9 ! (6.54)	28.4 (5.26)
2007.....	34.1 (0.76)	40.8 (1.01)	26.4 (2.06)	13.8 (0.96)	64.5 (3.04)	66.3 (3.12)	† (†)	† (†)	30.8 (5.22)
2008.....	34.7 (0.72)	42.2 (0.98)	24.2 (2.16)	15.2 (1.05)	61.5 (3.23)	62.8 (3.21)	41.3 (11.71)	22.0 ! (6.95)	29.9 (4.62)
2009.....	34.5 (0.66)	41.8 (1.04)	21.9 (1.97)	15.9 (1.16)	63.0 (2.86)	66.6 (2.99)	17.4 ! (8.42)	17.1 ! (7.26)	31.7 (5.35)
2010.....	36.1 (0.68)	44.5 (0.98)	22.9 (2.16)	16.0 (1.20)	57.4 (3.12)	61.1 (3.27)	† (†)	30.1 (8.14)	31.5 (5.23)
2011.....	37.0 (0.88)	45.2 (1.17)	25.9 (2.24)	16.1 (1.18)	57.9 (3.40)	58.8 (3.48)	42.9 (12.13)	22.0 (5.29)	38.4 (7.04)
2012.....	38.2 (0.81)	44.8 (1.11)	25.3 (1.92)	20.6 (1.45)	63.4 (3.00)	65.5 (2.94)	28.8 ! (10.22)	15.7 ! (5.92)	46.3 (5.90)
2013.....	38.5 (0.69)	46.0 (1.03)	24.8 (1.76)	20.0 (1.20)	61.2 (2.74)	62.6 (2.80)	39.3 (11.03)	27.5 (7.59)	42.8 (5.00)
2014.....	39.4 (0.95)	47.4 (1.35)	28.9 (2.66)	18.2 (1.40)	63.5 (3.37)	66.0 (3.41)	† (†)	23.7 ! (8.06)	33.5 (6.67)
2015.....	41.3 (0.73)	49.3 (1.15)	24.6 (2.00)	22.7 (1.32)	67.1 (3.01)	69.5 (2.93)	26.0 ! (9.45)	17.7 ! (5.36)	37.7 (5.16)
2016.....	41.8 (0.87)	49.9 (1.19)	28.3 (2.21)	23.4 (1.56)	66.1 (2.83)	68.2 (2.90)	† (†)	13.7 ! (4.53)	27.7 (5.03)
2017.....	41.3 (0.86)	48.3 (1.22)	29.5 (2.22)	22.0 (1.33)	64.8 (2.85)	66.0 (2.88)	38.6 ! (11.88)	19.4 ! (7.61)	41.0 (5.82)
Bachelor's or higher degree <sup>4</sup>									
1980.....	24.0 (0.59)	26.8 (0.69)	10.5 (1.39)	8.4 (1.94)	— (†)	— (†)	— (†)	— (†)	— (†)
1990.....	23.7 (0.65)	26.6 (0.79)	15.1 (1.87)	7.3 (1.41)	47.6 (4.19)	— (†)	— (†)	— (†)	— (†)
1995.....	24.5 (0.70)	28.4 (0.88)	17.4 (2.04)	7.8 (1.35)	42.0 (5.23)	— (†)	— (†)	† (†)	— (†)
2000.....	27.9 (0.73)	32.3 (0.93)	18.4 (1.96)	8.3 (0.98)	55.5 (3.74)	— (†)	— (†)	† (†)	— (†)
2005.....	25.5 (0.68)	30.7 (0.98)	14.2 (1.57)	10.2 (0.99)	58.5 (3.11)	61.0 (3.17)	17.2 ! (7.62)	14.5 ! (6.14)	24.5 (4.93)
2006.....	25.3 (0.67)	31.4 (0.98)	15.2 (1.66)	6.9 (0.70)	58.7 (3.46)	60.9 (3.52)	23.3 ! (9.77)	† (†)	20.8 (4.65)
2007.....	26.3 (0.72)	31.9 (0.98)	18.9 (1.86)	8.6 (0.71)	58.5 (3.45)	60.4 (3.54)	† (†)	† (†)	23.3 (4.88)
2008.....	26.8 (0.64)	32.6 (0.89)	19.0 (1.94)	10.0 (0.86)	54.1 (3.41)	55.8 (3.53)	26.1 ! (9.86)	17.7 ! (6.67)	25.7 (4.45)
2009.....	26.6 (0.66)	32.6 (1.04)	14.8 (1.82)	11.0 (1.04)	55.2 (3.07)	59.2 (3.24)	† (†)	15.2 ! (7.21)	24.6 (5.77)
2010.....	27.8 (0.68)	34.8 (0.96)	15.0 (1.72)	10.8 (1.06)	49.0 (3.12)	52.3 (3.31)	† (†)	18.9 ! (7.12)	24.9 (4.91)
2011.....	28.4 (0.82)	35.5 (1.16)	17.0 (1.83)	9.6 (0.90)	50.8 (3.42)	52.1 (3.55)	28.1 ! (11.40)	15.4 ! (4.80)	34.1 (6.62)
2012.....	29.8 (0.82)	36.0 (1.06)	19.1 (1.74)	12.5 (1.20)	55.0 (3.15)	56.9 (3.16)	24.3 ! (9.06)	† (†)	30.4 (5.43)
2013.....	30.2 (0.68)	37.1 (1.00)	17.4 (1.63)	13.1 (1.06)	53.0 (3.03)	55.1 (3.13)	19.0 ! (9.38)	16.8 ! (6.40)	29.3 (4.61)
2014.....	30.9 (0.93)	37.7 (1.36)	20.8 (2.40)	12.4 (1.22)	56.9 (3.55)	59.0 (3.59)	† (†)	† (†)	26.4 (6.13)
2015.....	32.4 (0.74)	39.5 (1.12)	17.6 (1.83)	14.5 (1.04)	60.9 (3.13)	63.8 (3.12)	† (†)	† (†)	26.7 (5.07)
2016.....	32.7 (0.80)	39.5 (1.20)	20.4 (1.87)	16.2 (1.31)	59.0 (2.86)	61.4 (2.98)	† (†)	7.8 ! (3.17)	19.7 (4.52)
2017.....	32.0 (0.81)	37.7 (1.19)	21.7 (1.79)	15.0 (1.13)	57.7 (2.92)	59.2 (3.00)	26.4 ! (10.58)	† (†)	26.1 (5.48)
Master's or higher degree									
1995.....	4.9 (0.35)	5.6 (0.45)	2.2 ! (0.80)	2.0 ! (0.70)	12.6 (3.52)	— (†)	— (†)	† (†)	— (†)
2000.....	4.7 (0.34)	4.9 (0.43)	2.1 ! (0.72)	1.5 (0.43)	17.2 (2.85)	— (†)	— (†)	† (†)	— (†)
2005.....	5.2 (0.38)	6.2 (0.55)	1.1 ! (0.43)	1.7 (0.46)	19.7 (3.13)	20.5 (3.30)	† (†)	† (†)	† (†)
2006.....	5.1 (0.37)	5.8 (0.51)	1.7 ! (0.52)	1.1 (0.32)	20.5 (2.68)	21.8 (2.83)	† (†)	† (†)	5.9 ! (2.66)
2007.....	5.0 (0.39)	5.7 (0.50)	3.3 (0.99)	0.6 ! (0.19)	18.4 (2.89)	19.3 (3.00)	† (†)	† (†)	9.8 ! (4.28)
2008.....	5.3 (0.34)	5.9 (0.49)	3.4 (0.90)	1.2 (0.32)	20.9 (2.94)	22.1 (3.07)	† (†)	† (†)	7.8 ! (2.85)
2009.....	6.1 (0.37)	7.4 (0.60)	3.2 (0.73)	1.2 (0.28)	20.4 (2.48)	22.0 (2.69)	† (†)	† (†)	5.0 ! (2.38)
2010.....	5.2 (0.32)	6.3 (0.50)	2.9 (0.69)	1.5 (0.39)	15.0 (2.19)	16.2 (2.36)	† (†)	† (†)	† (†)
2011.....	5.1 (0.38)	5.9 (0.49)	1.9 (0.54)	1.8 (0.41)	18.0 (2.58)	19.1 (2.71)	† (†)	† (†)	† (†)
2012.....	5.6 (0.42)	6.3 (0.59)	2.7 (0.72)	2.4 (0.50)	16.2 (2.46)	17.2 (2.60)	† (†)	† (†)	† (†)
2013.....	5.7 (0.38)	6.3 (0.53)	1.5 ! (0.56)	2.1 (0.43)	20.8 (2.49)	22.1 (2.60)	† (†)	† (†)	5.9 ! (2.47)
2014.....	5.9 (0.51)	7.0 (0.72)	2.6 ! (0.82)	2.2 (0.52)	15.9 (2.56)	16.6 (2.65)	† (†)	† (†)	† (†)
2015.....	7.0 (0.40)	8.2 (0.62)	2.5 (0.75)	2.3 (0.56)	21.1 (2.65)	22.4 (2.78)	† (†)	† (†)	5.6 ! (2.37)
2016.....	7.2 (0.43)	8.7 (0.68)	3.9 (0.87)	2.1 (0.43)	19.7 (2.73)	20.6 (2.85)	† (†)	† (†)	† (†)
2017.....	7.8 (0.42)	8.5 (0.64)	3.9 (0.89)	2.8 (0.52)	24.3 (2.52)	25.4 (2.63)	† (†)	† (†)	† (†)
<b>Females</b>									
High school completion or higher <sup>2</sup>									
1980.....	85.5 (0.48)	89.2 (0.48)	78.3 (1.71)	58.9 (3.38)	— (†)	— (†)	— (†)	— (†)	— (†)
1990.....	87.0 (0.51)	91.7 (0.49)	82.0 (1.85)	59.9 (2.79)	85.1 (2.82)	— (†)	— (†)	— (†)	— (†)
1995.....	87.4 (0.44)	93.0 (0.50)	85.3 (1.75)	58.7 (2.60)	91.2 (3.28)	— (†)	— (†)	79.6 (9.88)	— (†)
2000.....	89.4 (0.49)	95.2 (0.43)	86.2 (1.53)	66.4 (1.69)	95.2 (1.55)	— (†)	— (†)	86.3 (5.68)	— (†)
2005.....	87.4 (0.44)	93.8 (0.47)	87.3 (1.22)	63.4 (1.54)	94.6 (1.36)	94.4 (1.41)	† (†)	87.1 (5.12)	94.2 (2.26)

See notes at end of table.

**Table 104.20. Percentage of persons 25 to 29 years old with selected levels of educational attainment, by race/ethnicity and sex: Selected years, 1920 through 2017—Continued**

[Standard errors appear in parentheses]

Sex, selected level of educational attainment, and year	Total	White <sup>1</sup>	Black <sup>1</sup>	Hispanic	Asian/Pacific Islander			American Indian/ Alaska Native	Two or more races
					Total	Asian	Pacific Islander		
1	2	3	4	5	6	7	8	9	10
2006.....	88.5 (0.44)	94.6 (0.41)	88.0 (1.14)	66.6 (1.41)	95.6 (1.44)	96.0 (1.31)	‡ (†)	83.3 (6.55)	89.4 (3.81)
2007.....	89.1 (0.45)	94.2 (0.44)	87.9 (1.46)	70.7 (1.30)	97.7 (1.05)	98.5 (0.68)	86.0 (8.19)	90.2 (4.49)	87.9 (3.82)
2008.....	89.9 (0.39)	94.7 (0.44)	89.2 (1.43)	71.9 (1.34)	96.1 (1.12)	96.2 (1.18)	95.2 (4.01)	84.2 (4.68)	95.9 (2.44)
2009.....	89.8 (0.41)	94.8 (0.44)	89.0 (1.12)	72.5 (1.34)	94.5 (1.20)	95.3 (1.18)	86.2 (5.92)	83.4 (4.81)	84.8 (3.57)
2010.....	90.2 (0.39)	94.4 (0.42)	91.1 (0.96)	74.1 (1.53)	93.6 (1.25)	94.5 (1.27)	81.2 (9.50)	86.8 (4.80)	89.1 (3.55)
2011.....	90.7 (0.36)	95.5 (0.42)	88.2 (1.24)	74.3 (1.26)	96.6 (0.89)	96.6 (0.92)	‡ (†)	85.3 (6.02)	94.0 (2.52)
2012.....	91.1 (0.44)	95.3 (0.46)	90.6 (1.11)	76.9 (1.39)	96.3 (0.98)	96.1 (1.04)	100.0 (0.00)	85.8 (4.53)	94.7 (2.35)
2013.....	91.5 (0.38)	94.9 (0.43)	92.5 (0.95)	78.8 (1.17)	96.2 (0.96)	96.3 (1.01)	94.8 (2.88)	82.0 (5.40)	98.2 (1.15)
2014.....	91.5 (0.50)	95.9 (0.54)	90.5 (1.62)	77.4 (1.56)	97.1 (0.96)	97.1 (0.99)	‡ (†)	84.1 (6.05)	95.2 (3.44)
2015.....	91.8 (0.39)	95.8 (0.41)	93.2 (0.90)	78.6 (1.34)	94.8 (1.18)	94.6 (1.25)	96.7 (1.86)	89.3 (3.52)	91.5 (2.99)
2016.....	92.5 (0.40)	95.7 (0.41)	90.7 (1.33)	83.2 (1.22)	97.4 (0.76)	97.4 (0.79)	‡ (†)	84.6 (5.34)	91.5 (2.76)
2017.....	93.4 (0.34)	96.4 (0.39)	92.6 (1.22)	84.8 (1.04)	95.5 (1.10)	95.8 (1.16)	90.7 (4.70)	90.9 (3.70)	94.0 (3.24)
<b>Associate's or higher degree</b>									
1995.....	34.0 (0.77)	39.5 (0.95)	21.6 (2.03)	14.6 (1.86)	52.6 (5.77)	— (†)	— (†)	‡ (†)	— (†)
2000.....	40.1 (0.78)	46.6 (1.00)	27.5 (1.99)	17.7 (1.37)	60.8 (3.54)	— (†)	— (†)	37.7 (8.00)	— (†)
2005.....	41.3 (0.72)	48.2 (0.99)	29.8 (1.81)	18.8 (1.23)	68.5 (2.86)	70.4 (2.90)	‡ (†)	28.7 (6.96)	43.7 (6.04)
2006.....	41.5 (0.72)	48.8 (1.00)	28.8 (1.91)	20.3 (1.17)	68.0 (2.60)	69.4 (2.65)	‡ (†)	17.6 ! (6.91)	34.7 (5.09)
2007.....	43.2 (0.72)	50.8 (1.02)	28.0 (1.61)	23.5 (1.25)	67.7 (2.73)	69.6 (2.88)	42.5 (11.79)	14.5 ! (5.53)	40.2 (5.87)
2008.....	44.9 (0.77)	53.0 (1.00)	30.7 (1.79)	23.2 (1.43)	68.5 (2.80)	70.8 (2.82)	29.5 ! (9.83)	20.2 (4.14)	37.6 (5.73)
2009.....	44.4 (0.75)	52.5 (1.02)	33.0 (1.79)	21.7 (1.22)	63.0 (3.19)	66.8 (3.13)	23.6 ! (8.47)	23.3 (5.09)	39.8 (5.19)
2010.....	46.3 (0.71)	53.5 (0.92)	35.2 (1.77)	26.2 (1.48)	63.3 (2.68)	65.6 (2.80)	31.4 ! (13.43)	27.7 (8.27)	41.8 (5.08)
2011.....	47.4 (0.74)	55.2 (1.00)	33.3 (1.92)	26.2 (1.29)	69.1 (2.50)	70.2 (2.48)	‡ (†)	28.7 (7.46)	44.5 (5.08)
2012.....	47.4 (0.68)	55.0 (0.94)	37.0 (1.80)	25.1 (1.23)	69.1 (2.22)	71.0 (2.29)	36.1 (9.80)	29.2 (6.04)	49.0 (5.15)
2013.....	47.9 (0.77)	56.1 (0.99)	33.6 (1.99)	26.8 (1.30)	69.2 (2.29)	71.2 (2.33)	35.5 (10.28)	25.6 (7.48)	46.0 (6.22)
2014.....	48.9 (0.99)	56.5 (1.28)	34.8 (2.77)	29.4 (1.67)	71.5 (3.14)	74.1 (3.18)	‡ (†)	15.7 ! (5.27)	48.2 (6.06)
2015.....	50.1 (0.72)	58.7 (0.98)	36.9 (1.78)	29.0 (1.47)	70.7 (2.55)	73.8 (2.61)	24.0 ! (9.77)	25.8 (4.73)	39.2 (5.20)
2016.....	50.5 (0.71)	58.7 (0.95)	34.8 (1.73)	31.0 (1.51)	72.6 (2.49)	74.5 (2.56)	‡ (†)	18.9 (4.75)	54.5 (5.59)
2017.....	51.0 (0.73)	58.8 (1.04)	35.5 (1.69)	33.9 (1.34)	71.2 (2.77)	73.9 (2.71)	34.0 ! (10.51)	33.1 (7.83)	49.6 (5.82)
<b>Bachelor's or higher degree<sup>4</sup></b>									
1980.....	21.0 (0.56)	23.2 (0.65)	12.4 (1.36)	6.9 (1.74)	— (†)	— (†)	— (†)	— (†)	— (†)
1990.....	22.8 (0.64)	26.2 (0.78)	11.9 (1.56)	9.1 (1.64)	37.4 (3.83)	— (†)	— (†)	— (†)	— (†)
1995.....	24.9 (0.70)	29.2 (0.89)	13.7 (1.70)	10.1 (1.59)	44.5 (5.74)	— (†)	— (†)	— (†)	— (†)
2000.....	30.1 (0.73)	35.8 (0.96)	17.4 (1.69)	11.0 (1.12)	53.1 (3.62)	— (†)	— (†)	19.1 ! (6.48)	— (†)
2005.....	32.2 (0.75)	38.2 (1.00)	20.5 (1.68)	12.4 (1.07)	61.4 (3.06)	63.1 (3.11)	‡ (†)	18.2 ! (6.43)	32.1 (5.70)
2006.....	31.6 (0.70)	37.2 (0.99)	21.7 (1.77)	12.8 (1.05)	60.4 (2.76)	62.8 (2.82)	‡ (†)	‡ (†)	25.7 (4.72)
2007.....	33.0 (0.72)	39.2 (1.03)	20.0 (1.38)	15.4 (1.10)	60.3 (2.83)	62.5 (2.88)	32.1 ! (11.09)	‡ (†)	29.6 (5.17)
2008.....	34.9 (0.71)	41.7 (0.98)	21.6 (1.57)	15.5 (1.11)	61.6 (2.67)	64.4 (2.71)	‡ (†)	12.2 ! (3.69)	27.7 (5.57)
2009.....	34.8 (0.78)	42.0 (1.12)	22.6 (1.75)	13.8 (1.09)	57.6 (3.00)	61.3 (3.03)	18.2 ! (6.42)	16.3 (4.42)	35.0 (5.07)
2010.....	35.7 (0.68)	42.4 (0.96)	23.3 (1.72)	16.8 (1.20)	55.8 (3.93)	58.9 (3.00)	‡ (†)	18.4 ! (6.68)	34.0 (4.96)
2011.....	36.1 (0.71)	43.0 (1.03)	22.9 (1.62)	16.8 (1.10)	61.0 (2.74)	62.0 (2.75)	‡ (†)	19.7 ! (6.64)	31.2 (4.36)
2012.....	37.2 (0.69)	43.6 (0.97)	26.7 (1.78)	17.4 (1.10)	64.0 (2.38)	66.2 (2.45)	26.8 ! (9.73)	14.0 ! (4.55)	35.5 (5.50)
2013.....	37.0 (0.71)	43.8 (0.95)	23.2 (2.03)	18.6 (1.10)	62.4 (2.51)	64.3 (2.54)	29.7 ! (10.58)	16.4 ! (6.57)	30.0 (5.26)
2014.....	37.2 (1.00)	43.9 (1.36)	23.8 (2.61)	18.3 (1.40)	64.3 (3.23)	66.9 (3.29)	‡ (†)	‡ (†)	38.4 (5.96)
2015.....	38.9 (0.74)	46.6 (1.06)	24.6 (1.72)	18.5 (1.21)	64.5 (2.74)	68.1 (2.73)	‡ (†)	21.8 (4.51)	32.9 (5.20)
2016.....	39.5 (0.75)	46.3 (1.03)	24.9 (1.55)	21.5 (1.44)	67.7 (2.66)	69.6 (2.72)	‡ (†)	12.2 ! (4.00)	36.8 (5.55)
2017.....	39.3 (0.78)	46.5 (1.11)	23.8 (1.79)	22.4 (1.16)	63.5 (2.88)	66.3 (2.85)	24.6 ! (9.17)	18.7 ! (6.83)	38.5 (5.84)
<b>Master's or higher degree</b>									
1995.....	4.1 (0.32)	5.0 (0.42)	1.4 ! (0.59)	1.2 ! (0.58)	8.9 (3.29)	— (†)	— (†)	‡ (†)	— (†)
2000.....	6.2 (0.38)	6.7 (0.50)	4.9 (0.96)	2.7 (0.58)	13.9 (2.51)	— (†)	— (†)	‡ (†)	— (†)
2005.....	7.3 (0.44)	8.8 (0.64)	4.0 (0.70)	2.6 (0.51)	14.4 (2.08)	15.0 (2.15)	‡ (†)	‡ (†)	10.0 ! (4.26)
2006.....	7.8 (0.42)	9.2 (0.63)	4.5 (0.93)	2.0 (0.41)	19.7 (2.33)	20.4 (2.44)	‡ (†)	‡ (†)	8.3 ! (2.89)
2007.....	7.6 (0.43)	9.4 (0.63)	3.7 (0.66)	2.6 (0.53)	16.5 (2.39)	17.7 (2.54)	‡ (†)	‡ (†)	‡ (†)
2008.....	8.7 (0.44)	10.4 (0.64)	5.2 (0.87)	2.9 (0.46)	18.9 (2.30)	19.9 (2.44)	‡ (†)	‡ (†)	‡ (†)
2009.....	8.8 (0.45)	10.4 (0.66)	5.1 (0.80)	2.7 (0.43)	21.7 (2.45)	23.7 (2.70)	‡ (†)	‡ (†)	7.9 ! (2.84)
2010.....	8.5 (0.39)	9.2 (0.56)	6.2 (0.94)	3.8 (0.56)	20.6 (2.60)	21.8 (2.75)	‡ (†)	‡ (†)	10.0 ! (3.06)
2011.....	8.8 (0.48)	10.4 (0.72)	5.8 (0.85)	3.8 (0.63)	15.4 (1.98)	15.9 (2.03)	‡ (†)	‡ (†)	9.9 (2.61)
2012.....	8.8 (0.45)	10.0 (0.67)	7.1 (1.00)	3.0 (0.45)	19.3 (2.23)	20.4 (2.31)	‡ (†)	‡ (†)	6.3 ! (2.49)
2013.....	9.2 (0.44)	10.8 (0.71)	4.8 (0.74)	4.0 (0.59)	20.4 (1.91)	21.6 (2.00)	‡ (†)	‡ (†)	3.3 ! (1.56)
2014.....	9.3 (0.56)	11.1 (0.84)	5.0 (1.17)	3.6 (0.63)	19.7 (2.33)	20.8 (2.47)	‡ (†)	‡ (†)	7.5 ! (3.00)
2015.....	10.4 (0.51)	12.0 (0.73)	7.2 (0.98)	4.1 (0.60)	22.0 (2.51)	23.2 (2.67)	‡ (†)	‡ (†)	10.2 ! (3.20)
2016.....	11.2 (0.51)	12.3 (0.74)	6.3 (1.02)	6.3 (0.89)	27.5 (2.51)	28.8 (2.58)	‡ (†)	‡ (†)	8.2 ! (3.17)
2017.....	10.5 (0.49)	11.8 (0.75)	6.8 (1.06)	5.0 (0.67)	24.8 (2.38)	25.8 (2.54)	‡ (†)	‡ (†)	5.4 ! (2.45)

—Not available.

†Not applicable.

!Interpret data with caution. The coefficient of variation (CV) for this estimate is between 30 and 50 percent.

‡Reporting standards not met. Either there are too few cases for a reliable estimate or the coefficient of variation (CV) is 50 percent or greater.

<sup>1</sup>Includes persons of Hispanic ethnicity for years prior to 1980.

<sup>2</sup>Data for years prior to 1993 are for persons with 4 or more years of high school. Data for later years are for high school completers—i.e., those persons who graduated from high school with a diploma as well as those who completed high school through equivalency programs, such as a GED program.

<sup>3</sup>Estimates based on Census Bureau reverse projection of 1940 census data on education by age.

<sup>4</sup>Data for years prior to 1993 are for persons with 4 or more years of college.

NOTE: Beginning in 2005, standard errors were computed using replicate weights, which produced more precise values than the generalized variance function methodology used in prior years. For 1960 and prior years, data were collected in April. For later years, data were collected in March. Data are based on sample surveys of the noninstitutionalized population, which excludes persons living in institutions (e.g., prisons or nursing facilities); data include military personnel who live in households with civilians, but exclude those who live in military barracks. Race categories exclude persons of Hispanic ethnicity except where otherwise noted. Some data have been revised from previously published figures.

SOURCE: U.S. Department of Commerce, Census Bureau, *U.S. Census of Population: 1960*, Vol. 1, Part 1; J.K. Folger and C.B. Nam, *Education of the American Population* (1960 Census Monograph); Current Population Reports, Series P-20, various years; and Current Population Survey (CPS), Annual Social and Economic Supplement, 1970 through 2017. (This table was prepared October 2017.)

**Table 104.30. Number of persons age 18 and over, by highest level of educational attainment, sex, race/ethnicity, and age: 2017**  
 [Numbers in thousands. Standard errors appear in parentheses]

Sex, race/ethnicity, and age	Total	Elementary school (kindergarten– 8th grade)	High school			Postsecondary education				
			1 to 3 years	4 years, no completion	Completion <sup>1</sup>	Some college, no degree	Associate's degree	Bachelor's degree	Master's degree	First-professional or doctor's degree
1	2	3	4	5	6	7	8	9	10	11
<b>Total, 18 and over .....</b>	<b>246,325 (116.3)</b>	<b>9,187 (174.4)</b>	<b>14,210 (201.9)</b>	<b>3,785 (102.1)</b>	<b>71,170 (485.0)</b>	<b>46,445 (348.5)</b>	<b>24,070 (265.6)</b>	<b>49,368 (354.4)</b>	<b>20,797 (277.5)</b>	<b>7,293 (160.0)</b>
18 and 19 years old .....	7,813 (101.4)	91 (14.2)	2,320 (59.4)	683 (35.9)	2,238 (64.8)	2,357 (86.8)	77 (13.6)	† (†)	† (†)	† (†)
20 to 24 years old .....	21,591 (21.0)	288 (27.7)	918 (54.9)	341 (30.7)	6,420 (121.8)	8,633 (142.0)	1,683 (63.9)	3,065 (97.2)	205 (26.4)	† (†)
25 years old and over .....	216,921 (47.4)	8,807 (168.8)	10,972 (181.6)	2,762 (80.8)	62,512 (448.2)	35,455 (295.4)	22,310 (248.4)	46,262 (341.4)	20,592 (276.5)	7,249 (159.3)
25 to 29 years old .....	22,745 (41.5)	375 (37.4)	1,010 (54.5)	326 (27.8)	6,076 (116.4)	4,462 (102.1)	2,381 (72.1)	6,028 (133.2)	1,675 (67.1)	412 (36.5)
30 to 34 years old .....	21,505 (35.9)	575 (40.4)	936 (51.5)	259 (23.8)	5,418 (107.2)	3,680 (85.8)	2,270 (72.9)	5,356 (108.1)	2,197 (81.7)	815 (47.1)
35 to 39 years old .....	20,773 (42.0)	760 (35.2)	1,065 (44.9)	249 (24.0)	5,152 (102.7)	3,209 (68.7)	2,199 (73.2)	4,984 (85.7)	2,438 (76.8)	717 (40.9)
40 to 49 years old .....	39,935 (51.5)	1,552 (53.1)	1,899 (70.1)	506 (30.4)	10,398 (157.6)	6,039 (125.0)	4,345 (98.9)	9,233 (123.9)	4,472 (109.3)	1,491 (63.0)
50 to 59 years old .....	43,201 (74.8)	1,574 (64.8)	2,110 (78.2)	563 (40.9)	13,677 (167.5)	6,853 (123.8)	4,943 (114.8)	8,482 (141.1)	3,651 (106.9)	1,347 (58.7)
60 to 64 years old .....	19,488 (144.1)	819 (36.9)	892 (45.7)	211 (21.4)	5,892 (122.7)	3,393 (90.2)	2,088 (78.9)	3,658 (111.1)	1,859 (70.0)	677 (44.0)
65 years old and over .....	49,274 (129.5)	3,152 (86.2)	3,060 (93.7)	646 (43.0)	15,899 (196.3)	7,820 (136.2)	4,086 (102.9)	8,521 (144.8)	4,300 (126.1)	1,790 (76.2)
<b>Males, 18 and over .....</b>	<b>119,170 (88.9)</b>	<b>4,642 (100.0)</b>	<b>7,297 (136.4)</b>	<b>1,973 (67.4)</b>	<b>36,161 (301.4)</b>	<b>22,198 (226.1)</b>	<b>10,393 (163.2)</b>	<b>23,223 (232.4)</b>	<b>9,117 (165.6)</b>	<b>4,167 (108.2)</b>
18 and 19 years old .....	3,967 (75.8)	61 (11.0)	1,276 (43.6)	350 (27.1)	1,140 (41.6)	1,100 (54.8)	† (†)	† (†)	† (†)	† (†)
20 to 24 years old .....	10,879 (19.6)	178 (19.9)	527 (38.1)	184 (21.4)	3,725 (82.7)	4,169 (96.1)	723 (42.4)	1,301 (58.0)	67 (13.1)	† (†)
25 years old and over .....	104,324 (43.0)	4,402 (96.9)	5,494 (116.9)	1,440 (56.1)	31,296 (279.6)	16,930 (197.8)	9,651 (155.1)	21,906 (222.6)	9,049 (164.9)	4,157 (107.8)
25 to 29 years old .....	11,410 (40.1)	222 (28.5)	542 (38.1)	201 (22.5)	3,398 (96.8)	2,335 (79.6)	1,057 (50.4)	2,765 (84.2)	706 (41.5)	185 (23.1)
30 to 34 years old .....	10,711 (35.3)	302 (29.2)	512 (37.5)	155 (17.4)	3,059 (79.9)	1,820 (58.6)	1,054 (50.9)	2,492 (68.6)	903 (52.6)	413 (34.6)
35 to 39 years old .....	10,281 (41.9)	452 (25.5)	543 (36.5)	135 (17.7)	2,939 (77.1)	1,564 (50.9)	1,017 (50.0)	2,335 (64.4)	935 (43.2)	362 (30.5)
40 to 49 years old .....	19,573 (51.4)	800 (35.8)	1,008 (49.0)	292 (24.4)	5,615 (109.5)	3,008 (78.7)	1,887 (67.2)	4,289 (91.4)	1,924 (69.3)	748 (42.4)
50 to 59 years old .....	21,036 (56.0)	834 (41.8)	1,133 (54.8)	305 (29.7)	7,125 (112.4)	3,206 (80.0)	2,041 (71.1)	4,000 (94.6)	1,622 (63.7)	771 (40.2)
60 to 64 years old .....	9,154 (138.9)	384 (23.7)	436 (29.7)	102 (15.7)	2,778 (84.5)	1,597 (60.7)	888 (53.2)	1,703 (70.9)	856 (51.0)	410 (34.0)
65 years old and over .....	22,160 (129.5)	1,407 (52.4)	1,321 (55.7)	249 (25.0)	6,383 (128.3)	3,400 (91.4)	1,708 (67.9)	4,322 (103.7)	2,104 (79.4)	1,266 (60.2)
<b>Females, 18 and over .....</b>	<b>127,155 (68.9)</b>	<b>4,545 (102.0)</b>	<b>6,913 (117.2)</b>	<b>1,812 (60.7)</b>	<b>35,010 (301.3)</b>	<b>24,247 (220.3)</b>	<b>13,677 (172.1)</b>	<b>26,145 (253.5)</b>	<b>11,680 (189.8)</b>	<b>3,126 (101.6)</b>
18 and 19 years old .....	3,846 (68.5)	† (†)	1,044 (41.2)	333 (25.5)	1,098 (49.5)	1,257 (55.8)	† (†)	† (†)	† (†)	† (†)
20 to 24 years old .....	10,713 (5.8)	110 (17.3)	392 (31.1)	157 (20.5)	2,695 (74.1)	4,464 (91.7)	960 (46.6)	1,765 (72.8)	137 (22.5)	† (†)
25 years old and over .....	112,597 (14.0)	4,406 (99.3)	5,478 (111.3)	1,322 (51.4)	31,216 (274.0)	18,525 (183.5)	12,659 (168.2)	24,357 (241.5)	11,543 (189.1)	3,092 (100.9)
25 to 29 years old .....	11,335 (8.6)	153 (20.4)	468 (33.1)	126 (16.9)	2,678 (71.4)	2,126 (62.3)	1,324 (51.0)	3,264 (87.1)	969 (52.2)	227 (25.4)
30 to 34 years old .....	10,795 (7.8)	273 (23.9)	424 (31.1)	104 (14.7)	2,359 (67.2)	1,860 (54.1)	1,216 (50.4)	2,864 (76.3)	1,294 (56.3)	402 (30.3)
35 to 39 years old .....	10,492 (5.1)	308 (22.9)	522 (28.3)	114 (14.2)	2,213 (60.4)	1,645 (54.3)	1,182 (48.7)	2,650 (52.5)	1,503 (55.8)	355 (27.5)
40 to 49 years old .....	20,362 (2.8)	752 (34.2)	891 (40.0)	214 (20.0)	4,783 (96.4)	3,031 (80.7)	2,458 (67.6)	4,944 (80.9)	2,548 (71.6)	742 (43.9)
50 to 59 years old .....	22,165 (49.3)	740 (38.2)	977 (46.0)	258 (26.1)	6,552 (113.3)	3,647 (76.4)	2,902 (81.3)	4,482 (96.6)	2,030 (72.6)	576 (37.2)
60 to 64 years old .....	10,334 (48.9)	435 (28.9)	456 (34.3)	109 (14.9)	3,114 (79.7)	1,796 (62.6)	1,200 (56.4)	1,954 (75.0)	1,003 (49.2)	266 (26.0)
65 years old and over .....	27,114 (0.6)	1,745 (54.3)	1,739 (64.6)	397 (30.2)	9,516 (122.3)	4,420 (91.8)	2,378 (70.2)	4,199 (102.0)	2,196 (82.2)	524 (40.7)
<b>White, 18 and over .....</b>	<b>157,736 (129.4)</b>	<b>2,220 (92.4)</b>	<b>6,705 (139.7)</b>	<b>1,582 (71.2)</b>	<b>44,620 (393.6)</b>	<b>29,466 (286.2)</b>	<b>16,878 (232.6)</b>	<b>35,792 (290.4)</b>	<b>15,042 (243.4)</b>	<b>5,430 (140.9)</b>
18 and 19 years old .....	4,171 (78.6)	† (†)	1,242 (48.9)	323 (24.4)	1,186 (50.9)	1,309 (69.3)	† (†)	† (†)	† (†)	† (†)
20 to 24 years old .....	11,706 (37.0)	97 (19.3)	356 (30.8)	125 (20.0)	3,282 (94.5)	4,621 (122.6)	1,015 (55.5)	2,071 (79.7)	118 (19.3)	† (†)
25 years old and over .....	141,859 (107.7)	2,087 (87.5)	5,108 (126.0)	1,134 (61.0)	40,153 (358.4)	23,536 (235.2)	15,826 (216.8)	33,687 (290.9)	14,924 (243.7)	5,406 (139.9)
25 to 29 years old .....	12,583 (42.1)	67 (17.4)	389 (32.1)	98 (17.4)	3,022 (86.1)	2,273 (73.2)	1,440 (64.9)	4,019 (106.9)	1,013 (60.9)	262 (30.2)
30 to 34 years old .....	12,197 (40.7)	88 (14.3)	300 (30.0)	86 (17.5)	2,834 (79.0)	1,956 (64.5)	1,373 (53.7)	3,604 (89.9)	1,379 (62.6)	577 (44.2)
35 to 39 years old .....	11,891 (40.2)	111 (15.4)	351 (30.3)	79 (12.6)	2,625 (79.0)	1,883 (53.9)	1,386 (54.2)	3,381 (75.2)	1,542 (65.8)	532 (36.0)
40 to 49 years old .....	23,950 (53.8)	171 (20.1)	685 (38.5)	154 (17.2)	5,808 (111.5)	3,797 (95.1)	2,909 (79.7)	6,421 (105.2)	3,005 (86.9)	1,000 (52.4)
50 to 59 years old .....	29,231 (54.4)	323 (33.5)	991 (55.2)	251 (28.5)	9,204 (145.9)	4,678 (109.7)	3,697 (103.1)	6,367 (135.4)	2,753 (92.8)	967 (52.1)
60 to 64 years old .....	14,057 (126.0)	157 (19.3)	447 (33.5)	98 (15.5)	4,230 (106.6)	2,596 (79.5)	1,624 (71.2)	2,840 (96.7)	1,530 (64.6)	534 (40.7)
65 years old and over .....	37,951 (132.2)	1,170 (60.3)	1,944 (80.7)	367 (33.5)	12,430 (180.1)	6,353 (127.5)	3,398 (99.2)	7,055 (136.8)	3,700 (119.6)	1,534 (72.5)
<b>Black, 18 and over .....</b>	<b>29,039 (93.1)</b>	<b>715 (41.5)</b>	<b>2,333 (73.5)</b>	<b>642 (42.6)</b>	<b>9,648 (141.5)</b>	<b>6,542 (123.9)</b>	<b>2,780 (74.0)</b>	<b>4,098 (103.5)</b>	<b>1,807 (64.2)</b>	<b>473 (34.0)</b>
18 and 19 years old .....	1,038 (36.1)	† (†)	347 (28.6)	97 (15.3)	340 (26.9)	219 (19.7)	† (†)	† (†)	† (†)	† (†)
20 to 24 years old .....	3,080 (23.5)	† (†)	171 (20.7)	60 (11.6)	1,077 (45.3)	1,233 (48.6)	195 (21.2)	285 (28.2)	† (†)	† (†)
25 years old and over .....	24,921 (71.8)	672 (40.1)	1,815 (65.1)	486 (35.1)	8,231 (131.1)	5,091 (108.8)	2,564 (69.9)	3,813 (101.3)	1,780 (63.3)	470 (33.9)
25 to 29 years old .....	3,165 (25.1)	† (†)	166 (23.1)	† (†)	1,072 (42.7)	815 (45.4)	312 (27.3)	549 (37.1)	130 (19.5)	† (†)
30 to 34 years old .....	2,685 (24.5)	† (†)	149 (20.5)	† (†)	759 (42.6)	685 (39.1)	323 (27.3)	450 (32.1)	206 (23.3)	† (†)
35 to 39 years old .....	2,550 (26.2)	† (†)	159 (20.5)	† (†)	784 (37.1)	495 (30.2)	296 (27.1)	470 (30.5)	272 (24.5)	† (†)
40 to 49 years old .....	4,897 (29.0)	59 (12.4)	231 (23.7)	82 (14.3)	1,515 (57.1)	972 (45.5)	601 (39.5)	862 (42.8)	473 (32.3)	102 (17.4)
50 to 59 years old .....	5,095 (58.2)	80 (13.0)	367 (27.3)	99 (14.4)	1,888 (59.0)	1,009 (43.8)	503 (34.2)	731 (39.4)	292 (23.6)	126 (17.2)
60 to 64 years old .....	2,161 (56.8)	73 (12.8)	188 (16.3)	51 (8.8)	755 (37.6)	390 (24.9)	225 (20.2)	277 (24.7)	151 (18.7)	51 (10.5)
65 years old and over .....	4,368 (32.5)	392 (27.5)	556 (28.2)	137 (15.9)	1,458 (46.0)	723 (37.5)	304 (22.5)	473 (30.6)	257 (23.3)	67 (10.6)

See notes at end of table.

**Table 104.30. Number of persons age 18 and over, by highest level of educational attainment, sex, race/ethnicity, and age: 2017—Continued**  
[Numbers in thousands. Standard errors appear in parentheses]

Sex, race/ethnicity, and age	Total	Elementary school (kindergarten– 8th grade)	High school			Postsecondary education				
			1 to 3 years	4 years, no completion	Completion <sup>1</sup>	Some college, no degree	Associate's degree	Bachelor's degree	Master's degree	First-professional or doctor's degree
1	2	3	4	5	6	7	8	9	10	11
<b>Hispanic, 18 and over...</b>	<b>39,170 (48.3)</b>	<b>5,426 (125.6)</b>	<b>4,252 (94.6)</b>	<b>1,270 (57.3)</b>	<b>12,291 (150.8)</b>	<b>6,978 (123.7)</b>	<b>2,960 (75.5)</b>	<b>4,330 (98.3)</b>	<b>1,281 (44.8)</b>	<b>382 (28.3)</b>
18 and 19 years old.....	1,819 (44.8)	‡ (0)	518 (24.4)	212 (20.9)	530 (26.2)	506 (27.7)	‡ (†)	‡ (†)	‡ (†)	‡ (†)
20 to 24 years old.....	4,692 (5.0)	135 (16.9)	310 (27.3)	121 (16.9)	1,635 (43.7)	1,773 (54.5)	346 (26.1)	354 (30.3)	‡ (†)	‡ (†)
25 years old and over.....	32,660 (13.8)	5,259 (123.0)	3,424 (87.8)	937 (49.7)	10,126 (142.2)	4,699 (106.2)	2,599 (68.9)	3,970 (91.4)	1,266 (44.5)	379 (28.4)
25 to 29 years old.....	4,639 (35.3)	252 (27.8)	389 (30.4)	162 (19.4)	1,547 (56.8)	1,002 (49.4)	427 (28.2)	681 (34.5)	144 (17.6)	‡ (†)
30 to 34 years old.....	4,404 (32.3)	418 (33.4)	438 (29.5)	125 (15.0)	1,405 (47.4)	774 (38.4)	380 (26.8)	648 (38.4)	179 (19.4)	38 (8.8)
35 to 39 years old.....	4,321 (36.9)	603 (32.1)	499 (33.1)	120 (16.1)	1,404 (50.8)	595 (32.4)	373 (25.1)	499 (28.6)	197 (19.2)	‡ (†)
40 to 49 years old.....	7,470 (47.9)	1,243 (44.4)	879 (41.8)	225 (22.5)	2,342 (64.8)	881 (42.3)	573 (33.9)	903 (41.3)	312 (22.6)	113 (14.9)
50 to 59 years old.....	5,767 (54.5)	1,029 (50.9)	619 (34.8)	172 (21.1)	1,747 (52.3)	779 (38.3)	481 (27.6)	652 (33.4)	227 (20.4)	61 (9.7)
60 to 64 years old.....	2,001 (45.8)	488 (30.9)	199 (20.5)	‡ (†)	557 (32.1)	242 (20.9)	137 (17.2)	219 (21.2)	84 (11.9)	‡ (†)
65 years old and over.....	4,057 (6.1)	1,226 (46.3)	402 (27.8)	87 (14.0)	1,124 (44.2)	426 (27.9)	228 (19.5)	369 (24.9)	123 (15.8)	72 (12.9)
<b>Asian, 18 and over.....</b>	<b>14,639 (108.3)</b>	<b>723 (47.0)</b>	<b>443 (34.4)</b>	<b>191 (24.7)</b>	<b>2,842 (103.7)</b>	<b>2,064 (64.9)</b>	<b>896 (47.9)</b>	<b>4,240 (102.4)</b>	<b>2,349 (77.9)</b>	<b>892 (50.4)</b>
18 and 19 years old.....	424 (23.1)	‡ (†)	94 (12.1)	‡ (†)	89 (12.8)	207 (16.7)	‡ (†)	‡ (†)	‡ (†)	‡ (†)
20 to 24 years old.....	1,306 (33.9)	‡ (†)	‡ (†)	‡ (†)	182 (19.1)	660 (30.5)	70 (12.0)	276 (27.8)	‡ (†)	‡ (†)
25 years old and over.....	12,909 (99.0)	698 (44.7)	320 (30.6)	153 (22.7)	2,570 (99.3)	1,196 (53.9)	825 (45.4)	3,963 (96.4)	2,307 (76.7)	877 (50.7)
25 to 29 years old.....	1,677 (38.4)	‡ (†)	‡ (†)	‡ (†)	234 (25.2)	216 (23.2)	120 (19.1)	622 (35.0)	358 (30.9)	72 (13.8)
30 to 34 years old.....	1,568 (39.0)	‡ (†)	‡ (†)	‡ (†)	223 (26.1)	134 (16.6)	112 (14.9)	534 (34.7)	369 (28.4)	126 (18.6)
35 to 39 years old.....	1,475 (35.4)	‡ (†)	‡ (†)	‡ (†)	223 (24.8)	114 (14.6)	79 (11.5)	496 (26.8)	377 (26.3)	112 (14.3)
40 to 49 years old.....	2,786 (50.0)	73 (12.8)	‡ (†)	‡ (†)	483 (38.1)	238 (21.8)	183 (18.8)	899 (40.4)	592 (33.2)	243 (24.4)
50 to 59 years old.....	2,286 (52.9)	122 (17.4)	66 (16.2)	‡ (†)	542 (33.5)	224 (23.3)	166 (17.9)	613 (35.2)	350 (28.3)	174 (19.6)
60 to 64 years old.....	933 (35.0)	90 (13.4)	‡ (†)	‡ (†)	238 (21.1)	93 (12.9)	63 (11.2)	273 (22.7)	79 (11.1)	48 (9.8)
65 years old and over.....	2,184 (39.8)	323 (25.1)	101 (14.2)	‡ (†)	627 (38.5)	176 (20.7)	102 (14.3)	526 (31.6)	182 (20.6)	103 (15.6)

†Not applicable.

‡Reporting standards not met. Either there are too few cases for a reliable estimate or the coefficient of variation (CV) is 50 percent or greater.

<sup>1</sup>Includes completion of high school through equivalency programs, such as a GED program.

NOTE: Total includes other racial/ethnic groups not shown separately. Race categories exclude persons of Hispanic ethnicity. Detail may not sum to totals because of rounding. Standard errors were computed using replicate weights.  
SOURCE: U.S. Department of Commerce, Census Bureau, Current Population Survey (CPS), Annual Social and Economic Supplement, 2017. (This table was prepared March 2018.)

**Table 104.40. Percentage of persons 18 to 24 years old and age 25 and over, by educational attainment, race/ethnicity, and selected racial/ethnic subgroups: 2010 and 2016**  
 [Standard errors appear in parentheses]

Year and race/ethnicity	18 to 24 years old								Age 25 and over						
	Less than high school completion	High school completion <sup>1</sup> or higher							Less than high school completion	High school completion <sup>1</sup> or higher					
		Total, high school or higher	High school only	At least some college				Total, high school or higher		High school only	Some college, no degree	Associate's degree	Bachelor's or higher degree		
				Total, at least some college	Some college, no degree	Associate's degree	Bachelor's or higher degree								
1	2	3	4	5	6	7	8	9	10	11	12	13	14		
<b>2010</b>															
<b>Total<sup>2</sup></b>	<b>16.7 (0.10)</b>	<b>83.3 (0.10)</b>	<b>29.4 (0.10)</b>	<b>53.8 (0.11)</b>	<b>40.2 (0.13)</b>	<b>4.5 (0.05)</b>	<b>9.1 (0.08)</b>	<b>14.4 (0.04)</b>	<b>85.6 (0.04)</b>	<b>28.5 (0.04)</b>	<b>21.3 (0.03)</b>	<b>7.6 (0.02)</b>	<b>28.2 (0.06)</b>		
White	11.8 (0.09)	88.2 (0.09)	28.5 (0.14)	59.7 (0.15)	43.0 (0.19)	5.2 (0.07)	11.5 (0.11)	9.3 (0.03)	90.7 (0.03)	29.3 (0.05)	21.9 (0.04)	8.1 (0.03)	31.4 (0.06)		
Black	22.1 (0.25)	77.9 (0.25)	31.7 (0.35)	46.2 (0.35)	38.6 (0.34)	3.1 (0.12)	4.5 (0.14)	17.8 (0.10)	82.2 (0.10)	31.8 (0.12)	24.9 (0.13)	7.5 (0.07)	17.9 (0.10)		
Hispanic	28.5 (0.33)	71.5 (0.33)	32.1 (0.25)	39.4 (0.29)	32.0 (0.26)	3.5 (0.10)	3.8 (0.11)	37.7 (0.17)	62.3 (0.17)	26.4 (0.10)	17.3 (0.10)	5.5 (0.06)	13.1 (0.11)		
Cuban	17.7 (1.24)	82.3 (1.24)	30.8 (1.48)	51.5 (1.62)	35.7 (1.48)	7.7 (0.76)	8.1 (0.75)	23.6 (0.50)	76.4 (0.50)	28.7 (0.56)	16.3 (0.44)	7.7 (0.31)	23.6 (0.49)		
Dominican	20.6 (1.21)	79.4 (1.21)	27.6 (1.38)	51.9 (1.58)	41.1 (1.68)	4.1 (0.56)	6.7 (0.78)	34.5 (0.76)	65.5 (0.76)	26.4 (0.76)	17.6 (0.54)	6.5 (0.35)	15.0 (0.57)		
Mexican	30.5 (0.38)	69.5 (0.38)	33.3 (0.31)	36.2 (0.35)	30.3 (0.33)	3.0 (0.12)	2.8 (0.11)	43.4 (0.19)	56.6 (0.19)	26.2 (0.15)	16.4 (0.13)	4.6 (0.07)	9.4 (0.11)		
Puerto Rican	23.8 (0.80)	76.2 (0.80)	32.9 (0.94)	43.3 (0.93)	34.2 (0.86)	3.9 (0.33)	5.1 (0.39)	25.5 (0.40)	74.5 (0.40)	29.8 (0.36)	20.7 (0.31)	7.7 (0.20)	16.3 (0.27)		
Spaniard	13.5 (1.61)	86.5 (1.61)	26.4 (2.16)	60.1 (2.30)	45.9 (2.21)	4.4 (0.78)	9.8 (1.18)	11.7 (0.60)	88.3 (0.60)	21.7 (0.80)	27.4 (0.87)	8.6 (0.51)	30.7 (0.85)		
Central American <sup>3</sup>	37.3 (1.03)	62.7 (1.03)	28.6 (0.86)	34.0 (0.92)	26.7 (0.79)	3.4 (0.33)	3.9 (0.35)	46.9 (0.49)	53.1 (0.49)	24.1 (0.40)	14.1 (0.30)	4.3 (0.17)	10.6 (0.28)		
Costa Rican	13.4 (3.01)	86.6 (3.01)	24.3 (4.14)	62.3 (4.20)	43.5 (5.17)	12.8 (3.44)	5.9 (2.40)	17.8 (1.75)	82.2 (1.75)	22.4 (2.23)	23.5 (2.10)	8.4 (1.31)	27.9 (2.17)		
Guatemalan	49.7 (1.85)	50.3 (1.85)	26.6 (1.79)	23.7 (1.46)	18.5 (1.12)	2.7 (0.59)	2.5 (0.42)	54.5 (0.94)	45.5 (0.94)	22.1 (0.75)	12.0 (0.56)	3.1 (0.30)	8.4 (0.51)		
Honduran	43.8 (2.41)	56.2 (2.41)	25.7 (1.99)	30.5 (2.18)	24.2 (1.90)	1.9 (0.57)	4.3 (1.03)	47.5 (1.35)	52.5 (1.35)	25.7 (1.16)	12.6 (0.73)	4.4 (0.38)	9.8 (0.64)		
Nicaraguan	19.5 (3.30)	80.5 (3.30)	32.2 (3.11)	48.4 (3.56)	32.3 (2.92)	10.6 (2.00)	5.5 (1.28)	27.5 (1.52)	72.5 (1.52)	27.0 (1.36)	20.5 (1.03)	7.6 (0.81)	17.3 (0.91)		
Panamanian	12.8 (2.71)	87.2 (2.71)	29.7 (4.23)	57.5 (3.96)	47.5 (4.23)	4.0 (1.87)	5.9 (1.95)	7.9 (0.96)	92.1 (0.96)	23.7 (1.76)	28.4 (1.66)	9.1 (0.75)	30.9 (1.45)		
Salvadoran	33.9 (1.48)	66.1 (1.48)	30.6 (1.23)	35.5 (1.42)	28.9 (1.41)	2.5 (0.43)	4.1 (0.56)	53.1 (0.68)	46.9 (0.68)	24.1 (0.66)	12.1 (0.48)	3.3 (0.26)	7.3 (0.30)		
South American	15.1 (0.92)	84.9 (0.92)	26.8 (1.25)	58.1 (1.30)	44.6 (1.12)	5.1 (0.49)	8.4 (0.66)	16.6 (0.41)	83.4 (0.41)	25.4 (0.40)	20.0 (0.38)	7.8 (0.24)	30.2 (0.46)		
Chilean	10.7 (3.37)	89.3 (3.37)	18.5 (4.92)	70.8 (5.44)	56.2 (5.73)	†	†	11.8 (3.58)	9.8 (1.29)	90.2 (1.29)	25.7 (1.75)	19.1 (1.58)	10.6 (1.36)		
Colombian	13.0 (1.45)	87.0 (1.45)	27.2 (2.07)	59.8 (2.39)	45.6 (2.28)	5.9 (1.04)	8.2 (1.12)	14.8 (0.61)	85.2 (0.61)	27.3 (0.74)	18.2 (0.65)	8.1 (0.44)	31.6 (0.82)		
Ecuadorian	24.8 (3.00)	75.2 (3.00)	25.4 (2.25)	49.8 (2.88)	38.2 (2.75)	4.1 (1.02)	7.5 (1.48)	30.3 (1.07)	69.7 (1.07)	26.3 (0.84)	19.3 (0.80)	5.8 (0.43)	18.4 (0.88)		
Peruvian	14.1 (1.81)	85.9 (1.81)	23.6 (2.01)	62.3 (2.47)	49.5 (2.35)	5.5 (1.01)	7.4 (1.09)	11.1 (0.74)	88.9 (0.74)	27.1 (1.05)	23.9 (0.77)	8.2 (0.63)	29.6 (1.26)		
Venezuelan	9.1 (2.13)	90.9 (2.13)	27.8 (3.95)	63.1 (3.90)	44.0 (4.13)	5.8 (1.43)	13.4 (2.82)	6.8 (0.87)	93.2 (0.87)	14.1 (1.17)	18.0 (1.19)	11.5 (0.94)	49.6 (1.60)		
Other South American	11.6 (1.79)	88.4 (1.79)	35.1 (3.44)	53.3 (3.35)	41.1 (3.19)	4.4 (1.26)	7.8 (1.82)	15.2 (0.95)	84.8 (0.95)	23.6 (1.07)	20.7 (0.98)	6.8 (0.52)	33.7 (1.30)		
Other Hispanic	21.8 (1.16)	78.2 (1.16)	32.2 (1.61)	46.0 (1.43)	36.7 (1.29)	4.4 (0.62)	4.9 (0.66)	22.9 (0.69)	77.1 (0.69)	29.2 (0.66)	23.5 (0.66)	7.4 (0.30)	17.1 (0.54)		
Asian	8.7 (0.29)	91.3 (0.29)	20.3 (0.40)	71.0 (0.43)	47.2 (0.55)	4.8 (0.23)	19.0 (0.37)	14.3 (0.15)	85.7 (0.15)	16.1 (0.16)	13.0 (0.14)	6.5 (0.10)	50.2 (0.23)		
Chinese <sup>4</sup>	6.5 (0.58)	93.5 (0.58)	17.7 (0.88)	75.7 (1.04)	46.7 (1.14)	3.6 (0.35)	25.4 (0.93)	18.4 (0.33)	81.6 (0.33)	15.5 (0.29)	8.7 (0.25)	5.4 (0.17)	52.0 (0.38)		
Filipino	7.1 (0.64)	92.9 (0.64)	22.6 (0.94)	70.4 (1.00)	49.5 (1.40)	7.0 (0.68)	13.9 (1.00)	7.7 (0.25)	92.3 (0.25)	14.7 (0.32)	19.7 (0.36)	9.0 (0.27)	48.9 (0.51)		
Japanese	4.8 (1.19)	95.2 (1.19)	19.3 (2.27)	75.9 (2.70)	55.9 (3.25)	7.7 (1.41)	12.3 (1.97)	5.3 (0.38)	94.7 (0.38)	19.8 (0.61)	17.5 (0.60)	10.6 (0.43)	46.8 (0.76)		
Korean	6.4 (0.80)	93.6 (0.80)	18.8 (1.30)	74.8 (1.31)	55.7 (1.63)	2.8 (0.46)	16.3 (1.11)	7.8 (0.32)	92.2 (0.32)	18.5 (0.56)	14.3 (0.43)	6.1 (0.29)	53.2 (0.73)		
South Asian <sup>5</sup>	10.5 (0.72)	89.5 (0.72)	21.7 (0.95)	67.8 (1.08)	39.6 (1.33)	4.9 (0.48)	23.4 (1.07)	12.0 (0.28)	88.0 (0.28)	11.8 (0.32)	8.4 (0.24)	4.6 (0.17)	63.2 (0.44)		
Asian Indian	7.6 (0.71)	92.4 (0.71)	16.0 (0.95)	76.4 (1.17)	39.3 (1.66)	5.0 (0.55)	32.1 (1.53)	8.8 (0.28)	91.2 (0.28)	9.1 (0.31)	6.8 (0.24)	4.1 (0.17)	71.2 (0.48)		
Bangladeshi	12.9 (3.88)	87.1 (3.88)	14.3 (2.95)	72.7 (4.72)	48.0 (5.86)	9.3 (3.86)	15.4 (3.91)	17.3 (2.01)	82.7 (2.01)	17.3 (1.75)	8.1 (0.97)	8.2 (1.28)	49.1 (2.49)		
Bhutanese	†	†	†	†	†	†	†	†	†	†	†	†	†		
Nepalese	†	†	†	†	†	†	†	†	†	†	†	†	†		
Pakistani	11.1 (1.64)	88.9 (1.64)	22.6 (2.44)	66.3 (3.07)	44.9 (3.17)	6.0 (1.28)	15.3 (2.26)	13.3 (0.97)	86.7 (0.97)	16.3 (1.16)	10.4 (0.92)	5.0 (0.58)	55.0 (1.64)		
Southeast Asian	12.3 (0.77)	87.7 (0.77)	21.0 (0.87)	66.7 (0.98)	49.8 (1.13)	5.2 (0.57)	11.6 (0.69)	25.8 (0.48)	74.2 (0.48)	21.4 (0.42)	15.8 (0.38)	6.8 (0.20)	30.2 (0.55)		
Burmese	†	†	†	†	†	†	†	†	†	†	†	†	†		
Cambodian	19.0 (3.04)	81.0 (3.04)	35.7 (3.08)	45.4 (3.95)	35.8 (3.68)	3.2 (1.15)	6.4 (2.10)	33.4 (1.90)	66.6 (1.90)	27.9 (1.60)	16.4 (1.37)	6.2 (0.79)	16.1 (1.09)		
Hmong	16.2 (2.92)	83.8 (2.92)	40.5 (3.71)	43.3 (3.72)	36.4 (3.33)	3.9 (1.16)	3.0 (0.93)	33.4 (2.10)	66.6 (2.10)	23.9 (2.10)	20.7 (1.87)	7.5 (1.16)	14.5 (1.42)		
Laotian	14.6 (3.34)	85.4 (3.34)	28.6 (3.94)	56.8 (5.02)	46.4 (5.00)	5.7 (1.88)	4.7 (1.90)	30.9 (1.72)	69.1 (1.72)	29.0 (1.83)	20.2 (1.72)	6.3 (0.87)	13.5 (1.32)		
Thai	14.1 (4.51)	85.9 (4.51)	17.3 (3.95)	68.7 (5.18)	44.4 (5.88)	5.3 (2.16)	19.0 (4.34)	15.8 (1.42)	84.2 (1.42)	19.1 (1.45)	12.7 (1.24)	8.3 (1.01)	44.1 (1.86)		
Vietnamese	9.1 (0.88)	90.9 (0.88)	20.6 (1.18)	70.4 (1.38)	53.4 (1.54)	5.1 (0.78)	11.9 (0.89)	29.7 (0.62)	70.3 (0.62)	22.1 (0.57)	15.9 (0.43)	6.8 (0.27)	25.6 (0.65)		
Other Southeast Asian <sup>6</sup>	9.1 (4.18)	90.9 (4.18)	24.1 (6.18)	66.8 (7.00)	49.1 (7.15)	†	†	17.0 (4.64)	7.9 (1.63)	92.1 (1.63)	17.5 (2.24)	15.3 (2.02)	8.0 (1.32)		
Other Asian	18.4 (1.77)	81.6 (1.77)	20.3 (1.54)	61.4 (2.05)	44.5 (2.19)	5.9 (1.10)	11.0 (1.33)	18.9 (0.83)	81.1 (0.83)	17.8 (0.95)	15.0 (0.82)	6.3 (0.49)	42.0 (1.27)		
Pacific Islander	11.0 (1.49)	89.0 (1.49)	40.1 (2.39)	48.9 (2.63)	39.4 (2.91)	4.1 (1.01)	5.5 (1.22)	12.0 (0.78)	88.0 (0.78)	36.4 (1.48)	28.1 (1.38)	8.5 (0.73)	15.0 (0.88)		
American Indian/Alaska Native	25.8 (0.99)	74.2 (0.99)	35.9 (1.04)	38.4 (1.14)	33.1 (1.15)	2.6 (0.43)	2.7 (0.41)	19.5 (0.41)	80.5 (0.41)	31.5 (0.52)	26.6 (0.48)	8.2 (0.29)	14.2 (0.37)		
Some other race	18.6 (1.90)	81.4 (1.90)	28.3 (2.23)	53.1 (3.03)	32.7 (2.80)	4.9 (1.09)	15.5 (2.54)	16.9 (1.16)	83.1 (1.16)	22.7 (0.97)	18.7 (0.94)	6.8 (0.48)	34.9 (1.27)		
Two or more races	15.5 (0.50)	84.5 (0.50)	30.8 (0.78)	53.7 (0.84)	41.8 (0.76)	4.2 (0.32)	7.7 (0.39)	11.8 (0.23)	88.2 (0.23)	24.0 (0.35)	26.3 (0.32)	8.8 (0.18)	29.1 (0.34)		
White and Black	19.0 (1.17)	81.0 (1.17)	34.0 (1.35)	47.0 (1.54)	37.4 (1.53)	3.8 (0.58)	5.7 (0.84)	9.1 (0.68)	90.9 (0.68)	23.6 (0.89)	30.3 (1.19)	9.1 (0.68)	27.9 (1.03)		
White and Asian	10.3 (0.84)	89.7 (0.84)	23.1 (1.39)	66.6 (1.53)	47.5 (1.66)	5.2 (0.62)	13.9 (0.94)	7.6 (0.46)	92.4 (0.46)	16.9 (0.67)	21.9 (0.68)	8.7 (0.46)	44.9 (0.83)		
White and American Indian/Alaska Native	19.2 (1.31)	80.8 (1.31)	33.5 (1.51)	47.3 (1.49)	38.8 (1.62)	3.7 (0.65)	4.9 (0.67)	14.9 (0.44)	85.1 (0.44)	28.7 (0.60)	27.5 (0.50)	9.0 (0.29)	19.9 (0.43)		
Other Two or more races	13.9 (1.10)	86.1 (1.10)	32.9 (1.44)	53.2 (1.64)	43.1 (1.64)	3.9 (0.55)	6.2 (0.68)	12.3 (0.43)	87.7 (0.43)	23.8 (0.61)	26.2 (0.51)	8.6 (0.38)	29.2 (0.64)		

See notes at end of table.

**Table 104.40. Percentage of persons 18 to 24 years old and age 25 and over, by educational attainment, race/ethnicity, and selected racial/ethnic subgroups: 2010 and 2016—Continued**  
[Standard errors appear in parentheses]

Year and race/ethnicity	18 to 24 years old								Age 25 and over							
	Less than high school completion	High school completion <sup>1</sup> or higher						Less than high school completion	High school completion <sup>1</sup> or higher							
		Total, high school or higher	High school only	At least some college					Total, high school or higher	High school only	Some college, no degree	Associate's degree	Bachelor's or higher degree			
				Total, at least some college	Some college, no degree	Associate's degree	Bachelor's or higher degree									
2	3	4	5	6	7	8	9	10	11	12	13	14				
<b>2016</b>																
<b>Total<sup>2</sup></b>	<b>13.1 (0.09)</b>	<b>86.9 (0.09)</b>	<b>31.1 (0.12)</b>	<b>55.8 (0.13)</b>	<b>39.8 (0.14)</b>	<b>5.2 (0.06)</b>	<b>10.8 (0.08)</b>	<b>12.6 (0.04)</b>	<b>87.4 (0.04)</b>	<b>27.1 (0.05)</b>	<b>20.6 (0.03)</b>	<b>8.4 (0.02)</b>	<b>31.3 (0.06)</b>			
White	10.6 (0.10)	89.4 (0.10)	30.0 (0.16)	59.4 (0.15)	40.4 (0.18)	5.8 (0.08)	13.2 (0.11)	7.6 (0.03)	92.4 (0.03)	27.3 (0.05)	21.2 (0.04)	9.0 (0.03)	35.0 (0.06)			
Black	16.5 (0.29)	83.5 (0.29)	33.7 (0.37)	49.9 (0.42)	39.9 (0.43)	3.7 (0.13)	6.3 (0.15)	14.6 (0.10)	85.4 (0.10)	31.4 (0.13)	24.7 (0.12)	8.4 (0.08)	20.9 (0.14)			
Hispanic	18.4 (0.22)	81.6 (0.22)	33.9 (0.29)	47.7 (0.31)	37.4 (0.27)	4.9 (0.13)	5.4 (0.14)	33.0 (0.13)	67.0 (0.13)	27.9 (0.11)	17.5 (0.08)	6.3 (0.06)	15.3 (0.11)			
Cuban	13.5 (1.05)	86.5 (1.05)	32.2 (1.87)	54.3 (1.71)	34.9 (1.48)	9.9 (1.04)	9.4 (0.82)	19.9 (0.44)	80.1 (0.44)	29.4 (0.52)	14.8 (0.38)	8.9 (0.31)	27.0 (0.55)			
Dominican	18.8 (1.20)	81.2 (1.20)	31.0 (1.42)	50.2 (1.60)	36.1 (1.58)	6.3 (0.73)	7.9 (0.79)	29.6 (0.60)	70.4 (0.60)	27.0 (0.63)	18.6 (0.59)	6.5 (0.33)	18.2 (0.59)			
Mexican	18.5 (0.30)	81.5 (0.30)	35.3 (0.36)	46.2 (0.40)	37.6 (0.33)	4.3 (0.14)	4.3 (0.14)	38.1 (0.17)	61.9 (0.17)	28.1 (0.16)	17.1 (0.11)	5.3 (0.06)	11.4 (0.12)			
Puerto Rican	17.8 (0.77)	82.2 (0.77)	34.9 (0.76)	47.3 (0.92)	34.7 (0.86)	6.1 (0.45)	6.5 (0.45)	21.2 (0.40)	78.8 (0.40)	30.3 (0.41)	20.8 (0.32)	9.3 (0.25)	18.4 (0.30)			
Spaniard	11.3 (1.51)	88.7 (1.51)	26.9 (2.08)	61.8 (2.37)	45.0 (2.53)	4.3 (0.86)	12.5 (1.80)	8.9 (0.47)	91.1 (0.47)	22.0 (0.76)	24.1 (0.81)	10.5 (0.58)	34.5 (0.91)			
Central American <sup>3</sup>	26.4 (0.89)	73.6 (0.89)	31.3 (0.71)	42.3 (0.86)	33.4 (0.91)	4.1 (0.41)	4.8 (0.40)	43.5 (0.41)	56.5 (0.41)	25.2 (0.36)	14.4 (0.29)	4.8 (0.15)	12.0 (0.25)			
Costa Rican	7.6 †	2.69	92.4 (2.69)	32.7 (5.29)	59.6 (5.26)	44.2 (5.88)	†	†	11.6 (3.24)	16.3 (1.51)	83.7 (1.51)	23.6 (2.02)	22.6 (1.73)	7.6 (1.22)	30.0 (2.16)	
Guatemalan	34.4 (1.97)	65.6 (1.97)	28.1 (1.36)	37.5 (1.89)	31.8 (1.81)	3.1 (0.75)	2.6 (0.50)	51.1 (0.76)	48.9 (0.76)	23.5 (0.77)	12.6 (0.54)	3.4 (0.24)	9.4 (0.39)			
Honduran	31.1 (1.87)	68.9 (1.87)	30.9 (1.80)	38.0 (1.99)	28.5 (1.92)	4.0 (0.84)	5.5 (0.95)	47.3 (0.97)	52.7 (0.97)	26.0 (0.89)	12.9 (0.61)	4.0 (0.36)	9.8 (0.56)			
Nicaraguan	15.3 (2.82)	84.7 (2.82)	31.1 (3.25)	53.6 (3.66)	39.6 (3.36)	6.0 (1.68)	8.0 (1.74)	22.6 (1.05)	77.4 (1.05)	26.3 (1.18)	20.7 (0.94)	9.0 (0.83)	21.4 (1.08)			
Panamanian	7.5 †	3.08	92.5 (3.08)	31.1 (4.29)	61.5 (4.94)	46.0 (4.64)	4.5 †	†	11.0 (2.66)	8.9 (1.02)	91.1 (1.02)	20.9 (1.64)	25.1 (2.14)	10.5 (1.24)	34.6 (1.85)	
Salvadoran	24.1 (1.13)	75.9 (1.13)	33.9 (1.23)	42.0 (1.33)	33.2 (1.28)	4.5 (0.67)	4.2 (0.56)	46.8 (0.62)	53.2 (0.62)	26.3 (0.56)	13.2 (0.39)	4.3 (0.23)	9.3 (0.41)			
South American	10.5 (0.65)	89.5 (0.65)	24.6 (0.93)	64.9 (1.04)	45.3 (1.33)	7.6 (0.64)	12.0 (0.82)	13.0 (0.37)	87.0 (0.37)	25.4 (0.40)	18.9 (0.35)	8.4 (0.28)	34.3 (0.49)			
Chilean	10.3 †	3.58	89.7 (3.58)	21.0 (4.59)	68.7 (5.09)	48.8 (5.03)	6.6 †	†	13.2 (3.77)	8.5 (1.29)	91.5 (1.29)	22.5 (2.11)	18.8 (1.73)	10.9 (1.45)	39.4 (2.17)	
Colombian	10.7 (1.18)	89.3 (1.18)	25.8 (1.50)	63.5 (1.67)	44.7 (1.79)	7.8 (1.13)	11.1 (1.15)	12.5 (0.55)	87.5 (0.55)	26.1 (0.76)	19.1 (0.54)	8.8 (0.42)	33.6 (0.92)			
Ecuadorian	12.6 (1.68)	87.4 (1.68)	27.2 (2.44)	60.2 (2.71)	42.3 (2.94)	8.1 (1.38)	9.9 (1.51)	22.7 (1.10)	77.3 (1.10)	29.6 (1.13)	17.4 (0.79)	6.9 (0.48)	23.4 (0.96)			
Peruvian	8.5 (1.52)	91.5 (1.52)	21.9 (1.94)	69.6 (2.19)	48.6 (2.72)	8.3 (1.55)	12.7 (1.78)	11.4 (0.65)	88.6 (0.65)	28.8 (0.98)	21.2 (0.70)	7.9 (0.62)	30.6 (1.03)			
Venezuelan	8.0 (1.55)	92.0 (1.55)	25.0 (3.32)	67.0 (3.36)	43.1 (3.44)	6.7 (1.92)	17.2 (2.80)	5.1 (0.83)	94.9 (0.83)	13.2 (1.14)	14.6 (1.07)	11.8 (1.01)	55.3 (1.63)			
Other South American	11.5 (2.25)	88.5 (2.25)	21.8 (2.34)	66.8 (2.98)	47.8 (3.25)	6.6 (1.48)	12.4 (1.79)	10.2 (0.68)	89.8 (0.68)	23.9 (1.10)	21.0 (1.04)	6.6 (0.59)	38.3 (1.31)			
Other Hispanic	16.2 (0.86)	83.8 (0.86)	31.7 (1.36)	52.1 (1.55)	41.2 (1.52)	4.6 (0.62)	6.3 (0.62)	21.2 (0.53)	78.8 (0.53)	31.0 (0.58)	21.7 (0.50)	8.1 (0.32)	18.0 (0.46)			
Asian	6.7 (0.25)	93.3 (0.25)	22.0 (0.39)	71.3 (0.42)	43.8 (0.45)	4.5 (0.24)	22.9 (0.42)	13.4 (0.14)	86.6 (0.14)	14.7 (0.17)	11.7 (0.13)	6.6 (0.09)	53.6 (0.24)			
Chinese <sup>4</sup>	4.0 (0.35)	96.0 (0.35)	19.5 (0.71)	76.5 (0.74)	44.3 (0.88)	3.2 (0.31)	29.0 (0.91)	17.2 (0.27)	82.8 (0.27)	13.9 (0.30)	8.2 (0.18)	5.3 (0.14)	55.4 (0.42)			
Filipino	6.6 (0.62)	93.4 (0.62)	23.7 (0.95)	69.7 (1.16)	49.3 (1.27)	5.8 (0.88)	14.6 (0.91)	6.8 (0.26)	93.2 (0.26)	15.2 (0.35)	18.6 (0.35)	9.7 (0.29)	49.7 (0.48)			
Japanese	4.7 (1.18)	95.3 (1.18)	24.6 (2.66)	70.7 (2.77)	43.4 (2.97)	4.4 (1.14)	22.9 (3.31)	4.2 (0.33)	95.8 (0.33)	18.7 (0.52)	14.9 (0.55)	10.6 (0.48)	51.6 (0.73)			
Korean	4.6 (0.67)	95.4 (0.67)	21.1 (1.36)	74.3 (1.43)	48.3 (1.61)	4.1 (0.61)	21.8 (1.55)	7.7 (0.33)	92.3 (0.33)	16.2 (0.55)	13.5 (0.49)	6.3 (0.31)	56.3 (0.74)			
South Asian <sup>5</sup>	7.4 (0.53)	92.6 (0.53)	18.5 (0.84)	74.1 (1.02)	39.7 (1.01)	3.9 (0.40)	30.5 (1.03)	9.4 (0.26)	90.6 (0.26)	9.2 (0.26)	7.0 (0.20)	4.2 (0.16)	70.2 (0.47)			
Asian Indian	6.8 (0.63)	93.2 (0.63)	16.3 (0.84)	76.9 (1.04)	38.5 (1.15)	3.5 (0.48)	34.9 (1.25)	7.9 (0.24)	92.1 (0.24)	7.9 (0.27)	6.3 (0.21)	3.7 (0.16)	74.2 (0.47)			
Bangladeshi	14.2 (4.18)	85.8 (4.18)	20.4 (4.13)	65.4 (5.30)	44.0 (4.82)	6.1 †	†	15.3 (2.89)	13.5 (1.39)	86.5 (1.39)	20.0 (1.94)	11.0 (1.19)	6.8 (1.02)	48.7 (2.11)		
Bhutanese	†	†	†	†	†	†	†	†	†	55.1 (4.12)	44.9 (4.12)	22.3 (4.65)	11.1 †	4.7 (3.3)	†	†
Nepalese	10.9 †	3.34	89.1 (3.34)	39.9 (5.52)	49.2 (5.65)	39.0 (5.85)	2.4 †	†	7.8 †	†	24.0 (2.89)	16.4 (2.04)	10.4 (1.89)	3.1 (0.79)	42.1 (2.84)	
Pakistani	6.3 (1.21)	93.7 (1.21)	21.2 (2.33)	72.5 (2.55)	46.1 (2.55)	5.7 (0.97)	20.6 (2.31)	13.2 (0.94)	86.8 (0.94)	13.4 (0.82)	9.8 (0.64)	7.4 (0.80)	56.2 (1.32)			
Southeast Asian	10.7 (0.74)	89.3 (0.74)	29.0 (0.97)	60.3 (1.13)	42.7 (1.03)	5.9 (0.65)	11.7 (0.66)	26.5 (0.48)	73.5 (0.48)	22.0 (0.43)	15.2 (0.42)	7.7 (0.26)	28.6 (0.48)			
Burmese	50.0 (5.04)	50.0 (5.04)	21.5 (3.84)	28.5 (4.53)	17.9 (3.47)	4.8 †	†	5.8 †	†	26.7 (4.60)	52.4 (2.60)	18.3 (1.99)	8.3 (1.35)	4.5 (1.57)	21.3 (2.07)	
Cambodian	7.7 (1.69)	92.3 (1.69)	39.1 (4.10)	53.2 (4.05)	37.3 (3.36)	5.3 †	†	10.6 (2.57)	29.8 (1.43)	70.2 (1.43)	27.6 (1.40)	18.3 (1.19)	7.9 (0.71)	16.4 (1.21)		
Hmong	11.0 (2.05)	89.0 (2.05)	36.3 (2.97)	52.7 (3.54)	37.9 (3.42)	7.3 (2.11)	7.5 (1.58)	24.5 (1.84)	75.5 (1.84)	25.9 (1.58)	20.0 (1.61)	11.2 (1.12)	18.4 (1.52)			
Laotian	5.3 †	1.74	94.7 (1.74)	41.5 (4.68)	53.2 (5.04)	41.8 (4.36)	5.7 †	†	27.2 (1.83)	72.8 (1.83)	29.6 (1.77)	17.8 (1.25)	7.4 (0.92)	18.0 (1.34)		
Thai	10.3 †	3.40	89.7 (3.40)	29.6 (5.44)	60.1 (5.19)	32.8 (5.46)	5.6 †	†	21.7 (4.06)	14.6 (1.15)	85.4 (1.15)	17.4 (1.30)	10.4 (0.85)	8.0 (0.68)	49.6 (1.59)	
Vietnamese	8.5 (0.74)	91.5 (0.74)	25.2 (1.32)	66.3 (1.38)	47.6 (1.29)	5.8 (0.84)	12.8 (0.86)	27.2 (0.63)	72.8 (0.63)	21.0 (0.48)	15.0 (0.52)	7.4 (0.29)	29.5 (0.60)			
Other Southeast Asian <sup>6</sup>	†	†	98.7 (0.87)	25.5 (6.24)	73.2 (6.11)	48.9 (6.08)	4.7 †	†	19.6 (5.34)	7.3 (1.39)	92.7 (1.39)	19.4 (2.59)	15.1 (2.10)	10.3 (1.29)	47.9 (3.28)	
Other Asian	9.4 (1.52)	90.6 (1.52)	23.3 (2.08)	67.3 (2.55)	40.8 (2.66)	8.6 (1.64)	17.9 (1.70)	14.9 (0.77)	85.1 (0.77)	14.1 (0.87)	14.3 (0.73)	8.6 (0.65)	48.1 (1.17)			
Pacific Islander	13.7 (1.67)	86.3 (1.67)	40.2 (2.61)	46.1 (2.30)	35.1 (2.56)	5.0 (1.11)	6.0 (1.25)	13.1 (0.80)	86.9 (0.80)	35.1 (1.13)	25.4 (0.91)	8.2 (0.63)	18.3 (0.89)			
American Indian/Alaska Native	22.0 (1.14)	78.0 (1.14)	40.2 (1.31)	37.8 (1.25)	31.7 (1.30)	3.8 (0.55)	2.3 (0.35)	17.1 (0.38)	82.9 (0.38)	33.2 (0.46)	25.9 (0.43)	9.0 (0.27)	14.9 (0.39)			
Some other race	12.4 (1.71)	87.6 (1.71)	26.9 (1.88)	60.6 (2.69)	39.2 (2.58)	6.2 (1.10)	15.2 (1.99)	16.4 (0.80)	83.6 (0.80)	26.0 (0.94)	18.4 (0.81)	8.4 (0.56)	30.9 (0.97)			
Two or more races	13.3 (0.48)	86.7 (0.48)	31.0 (0.70)	55.7 (0.70)	41.1 (0.66)	4.8 (0.27)	9.8 (0.47)	9.4 (0.19)	90.6 (0.19)	21.8 (0.29)	25.4 (0.31)	9.7 (0.20)	33.8 (0.30)			
White and Black	15.6 (1.05)	84.4 (1.05)	34.0 (1.25)	50.5 (1.32)	39.1 (1.27)	4.5 (0.51)	6.9 (0.61)	7.8 (0.49)	92.2 (0.49)	22.0 (0.72)	28.9 (0.95)	10.3 (0.51)	30.9 (0.86)			
White and Asian	9.2 (0.70)	90.8 (0.70)	24.6 (1.16)	66.2 (1.30)	45.3 (1.37)	5.5 (0.60)	15.4 (0.90)	6.2 (0.34)	93.8 (0.34)	15.9 (0.55)	19.2 (0.55)	8.9 (0.42)	49.9 (0.71)			
White and American Indian/Alaska Native	16.6 (1.08)	83.4 (1.08)	32.3 (1.44)	51.1 (1.51)	39.7 (1.45)	4.3 (0.59)	7.1 (0.99)	12.6 (0.40)	87.4 (0.40)	26.8 (0.54)	28.0 (0.54)	9.3 (0.38)	23.3 (0.48)			
Other Two or more races	11.3 (0.89)	88.7 (0.89)	32.2 (1.42)	56.5 (1.42)	40.9 (1.43)	5.0 (0.67)	10.5 (1.05)	9.5 (0.36)	90.5 (0.36)	21.3 (0.62)	25.8 (0.65)	10.3 (0.43)	33.1 (0.64)			

DIGEST OF EDUCATION STATISTICS 2017

—Not available.  
†Not

**Table 104.50. Persons age 25 and over who hold a bachelor's or higher degree, by sex, race/ethnicity, age group, and field of bachelor's degree: 2016**  
 [Standard errors appear in parentheses]

Field of bachelor's degree	Total	Sex		Race/ethnicity					Age		
		Males	Females	White	Black	Hispanic	Asian/Pacific Islander	American Indian/ Alaska Native	25 to 29 years old	30 to 49 years old	50 years old and over
1	2	3	4	5	6	7	8	9	10	11	12
<b>Total population, 25 and over (in thousands) .....</b>	<b>218,558 (52.1)</b>	<b>105,463 (31.2)</b>	<b>113,095 (32.8)</b>	<b>143,248 (15.1)</b>	<b>25,404 (24.5)</b>	<b>32,335 (20.6)</b>	<b>12,585 (19.4)</b>	<b>1,320 (13.1)</b>	<b>22,633 (27.3)</b>	<b>83,485 (30.4)</b>	<b>112,440 (41.8)</b>
<b>Percent of population with bachelor's degree .....</b>	<b>31.3 (0.01)</b>	<b>30.9 (0.07)</b>	<b>31.7 (0.08)</b>	<b>35.0 (0.06)</b>	<b>20.9 (0.14)</b>	<b>15.3 (0.11)</b>	<b>52.7 (0.24)</b>	<b>14.9 (0.39)</b>	<b>33.7 (0.16)</b>	<b>34.9 (0.10)</b>	<b>28.2 (0.05)</b>
<b>Bachelor's degree holders</b>	Number (in thousands)										
<b>Total .....</b>	<b>68,467 (151.1)</b>	<b>32,594 (77.7)</b>	<b>35,873 (91.2)</b>	<b>50,149 (92.1)</b>	<b>5,304 (36.2)</b>	<b>4,963 (38.1)</b>	<b>6,628 (31.6)</b>	196 (5.5)	<b>7,638 (38.7)</b>	<b>29,174 (85.4)</b>	<b>31,655 (66.8)</b>
Agriculture/forestry .....	704 (9.3)	469 (7.3)	235 (5.4)	586 (8.2)	28 (2.3)	32 (2.4)	47 (2.8)	‡ (†)	70 (3.5)	269 (6.5)	365 (6.9)
Art/architecture .....	3,306 (21.1)	1,416 (15.5)	1,890 (15.0)	2,506 (16.2)	161 (5.0)	270 (6.2)	288 (6.9)	7 (1.1)	482 (10.2)	1,520 (15.0)	1,304 (13.1)
Business/management .....	13,848 (44.6)	7,672 (31.3)	6,176 (31.1)	9,945 (37.6)	1,254 (19.2)	1,137 (16.0)	1,252 (14.9)	36 (2.5)	1,394 (14.3)	6,208 (31.1)	6,245 (26.5)
Communications .....	2,566 (22.2)	1,041 (13.1)	1,525 (15.6)	1,971 (18.6)	224 (7.4)	188 (6.6)	120 (4.0)	6 (0.9)	407 (7.4)	1,329 (14.6)	830 (10.8)
Computer and information sciences .....	2,130 (21.0)	1,552 (16.5)	578 (9.5)	1,999 (14.7)	208 (6.5)	143 (5.2)	523 (8.8)	4 (0.7)	288 (8.4)	1,232 (14.8)	609 (9.2)
Education .....	8,840 (37.8)	2,136 (18.4)	6,704 (29.7)	7,172 (34.6)	663 (11.0)	552 (10.4)	317 (7.1)	33 (1.9)	559 (9.2)	2,713 (21.7)	5,568 (25.8)
Engineering .....	5,366 (29.8)	4,556 (25.9)	811 (12.8)	3,470 (23.2)	237 (6.7)	431 (9.0)	1,115 (13.0)	10 (1.3)	565 (8.5)	2,219 (17.8)	2,582 (19.7)
English/literature .....	2,229 (17.7)	741 (10.7)	1,488 (13.8)	1,803 (15.8)	113 (4.3)	105 (5.0)	161 (5.1)	5 (0.8)	219 (7.6)	943 (12.0)	1,067 (12.2)
Foreign languages .....	724 (8.7)	193 (4.7)	531 (7.1)	534 (7.0)	27 (2.1)	69 (3.2)	80 (3.9)	‡ (†)	75 (4.3)	278 (5.3)	371 (6.6)
Health sciences .....	5,193 (28.1)	935 (11.5)	4,257 (26.9)	3,687 (23.4)	487 (10.2)	335 (7.4)	586 (9.5)	17 (1.5)	619 (9.6)	2,159 (17.4)	2,415 (18.1)
Liberal arts/humanities .....	962 (14.8)	376 (7.7)	586 (11.1)	685 (11.4)	78 (3.8)	89 (3.9)	86 (4.4)	4 (0.9)	83 (3.4)	426 (9.1)	453 (8.9)
Mathematics/statistics .....	996 (12.4)	586 (10.0)	410 (7.8)	743 (9.6)	59 (3.5)	43 (2.8)	135 (4.2)	‡ (†)	92 (4.2)	347 (7.8)	557 (7.8)
Natural sciences (biological and physical) .....	5,306 (29.6)	2,993 (22.0)	2,313 (17.3)	3,752 (22.1)	305 (6.7)	322 (7.5)	805 (11.4)	11 (1.1)	697 (12.5)	2,247 (18.4)	2,361 (19.1)
Philosophy/religion/theology .....	931 (11.3)	645 (9.4)	286 (6.4)	720 (10.2)	77 (3.8)	52 (2.7)	60 (3.3)	4 (0.9)	89 (3.3)	339 (6.8)	503 (9.0)
Pre-professional .....	1,183 (12.6)	730 (10.6)	453 (8.3)	790 (10.5)	191 (6.7)	134 (4.9)	37 (2.7)	8 (0.9)	194 (5.9)	641 (9.2)	348 (6.6)
Psychology .....	3,281 (21.5)	1,000 (11.4)	2,281 (17.1)	2,437 (16.6)	290 (6.7)	278 (7.3)	194 (5.4)	9 (1.0)	440 (8.2)	1,546 (13.8)	1,295 (13.4)
Social sciences/history .....	6,482 (33.6)	3,619 (23.7)	2,863 (20.2)	4,915 (25.5)	478 (9.4)	444 (9.3)	506 (8.2)	14 (1.2)	721 (11.7)	2,716 (22.2)	3,046 (21.2)
Other fields .....	4,420 (29.8)	1,935 (18.6)	2,485 (19.1)	3,232 (23.5)	426 (8.8)	338 (8.2)	316 (6.6)	24 (1.7)	644 (10.2)	2,043 (20.2)	1,733 (17.4)
	Percentage distribution, by field										
<b>Total .....</b>	<b>100.0 (†)</b>	<b>100.0 (†)</b>	<b>100.0 (†)</b>	<b>100.0 (†)</b>	<b>100.0 (†)</b>	<b>100.0 (†)</b>	<b>100.0 (†)</b>	100.0 (†)	<b>100.0 (†)</b>	<b>100.0 (†)</b>	<b>100.0 (†)</b>
Agriculture/forestry .....	1.0 (0.01)	1.4 (0.02)	0.7 (0.01)	1.2 (0.02)	0.5 (0.04)	0.6 (0.05)	0.7 (0.04)	0.9 (0.22)	0.9 (0.04)	0.9 (0.02)	1.2 (0.02)
Art/architecture .....	4.8 (0.03)	4.3 (0.05)	5.3 (0.04)	5.0 (0.03)	3.0 (0.09)	5.4 (0.12)	4.3 (0.10)	3.5 (0.53)	6.3 (0.13)	5.2 (0.05)	4.1 (0.04)
Business/management .....	20.2 (0.05)	23.5 (0.08)	17.2 (0.07)	19.8 (0.06)	23.6 (0.32)	22.9 (0.27)	18.9 (0.21)	18.3 (1.02)	18.3 (0.17)	21.3 (0.09)	19.7 (0.08)
Communications .....	3.7 (0.03)	3.2 (0.04)	4.3 (0.04)	3.9 (0.04)	4.2 (0.13)	3.8 (0.13)	1.8 (0.06)	2.9 (0.45)	5.3 (0.09)	4.6 (0.05)	2.6 (0.03)
Computer and information sciences .....	3.1 (0.03)	4.8 (0.05)	1.6 (0.03)	2.4 (0.03)	3.9 (0.12)	2.9 (0.10)	7.9 (0.13)	2.3 (0.34)	3.8 (0.11)	4.2 (0.05)	1.9 (0.03)
Education .....	12.9 (0.05)	6.6 (0.05)	18.7 (0.07)	14.3 (0.06)	12.5 (0.20)	11.1 (0.18)	4.8 (0.10)	17.1 (0.89)	7.3 (0.11)	9.3 (0.07)	17.6 (0.07)
Engineering .....	7.8 (0.04)	14.0 (0.07)	2.3 (0.03)	6.9 (0.04)	4.5 (0.12)	8.7 (0.17)	16.8 (0.18)	4.9 (0.64)	7.4 (0.11)	7.6 (0.06)	8.2 (0.06)
English/literature .....	3.3 (0.03)	2.3 (0.03)	4.1 (0.04)	3.6 (0.03)	2.1 (0.08)	2.1 (0.10)	2.4 (0.08)	2.6 (0.41)	2.9 (0.10)	3.2 (0.04)	3.4 (0.04)
Foreign languages .....	1.1 (0.01)	0.6 (0.01)	1.5 (0.02)	1.1 (0.01)	0.5 (0.04)	1.4 (0.06)	1.2 (0.06)	0.5 (0.18)	1.0 (0.06)	1.0 (0.02)	1.2 (0.02)
Health sciences .....	7.6 (0.04)	2.9 (0.04)	11.9 (0.07)	7.4 (0.05)	9.2 (0.19)	6.7 (0.14)	8.8 (0.13)	8.5 (0.70)	8.1 (0.12)	7.4 (0.06)	7.6 (0.06)
Liberal arts/humanities .....	1.4 (0.02)	1.2 (0.02)	1.6 (0.03)	1.4 (0.02)	1.5 (0.07)	1.8 (0.08)	1.3 (0.07)	2.2 (0.45)	1.1 (0.04)	1.5 (0.03)	1.4 (0.03)
Mathematics/statistics .....	1.5 (0.02)	1.8 (0.03)	1.1 (0.02)	1.5 (0.02)	1.1 (0.07)	0.9 (0.05)	2.0 (0.06)	0.6 (0.18)	1.2 (0.06)	1.2 (0.03)	1.8 (0.02)
Natural sciences (biological and physical) .....	7.7 (0.04)	9.2 (0.06)	6.4 (0.04)	7.5 (0.04)	5.7 (0.13)	6.5 (0.15)	12.1 (0.15)	5.4 (0.52)	9.1 (0.15)	7.7 (0.06)	7.5 (0.06)
Philosophy/religion/theology .....	1.4 (0.02)	2.0 (0.03)	0.8 (0.02)	1.4 (0.02)	1.4 (0.07)	1.0 (0.05)	0.9 (0.05)	2.1 (0.45)	1.2 (0.04)	1.2 (0.02)	1.6 (0.03)
Pre-professional .....	1.7 (0.02)	2.2 (0.03)	1.3 (0.02)	1.6 (0.02)	3.6 (0.12)	2.7 (0.10)	0.6 (0.04)	4.0 (0.46)	2.5 (0.08)	2.2 (0.03)	1.1 (0.02)
Psychology .....	4.8 (0.03)	3.1 (0.03)	6.4 (0.05)	4.9 (0.03)	5.5 (0.12)	5.6 (0.14)	2.9 (0.08)	4.7 (0.52)	5.8 (0.10)	5.3 (0.04)	4.1 (0.04)
Social sciences/history .....	9.5 (0.04)	11.1 (0.06)	8.0 (0.05)	9.8 (0.05)	9.0 (0.16)	9.0 (0.17)	7.6 (0.11)	7.2 (0.55)	9.4 (0.14)	9.3 (0.07)	9.6 (0.06)
Other fields .....	6.5 (0.04)	5.9 (0.06)	6.9 (0.05)	6.4 (0.05)	8.0 (0.16)	6.8 (0.15)	4.8 (0.10)	12.3 (0.84)	8.4 (0.13)	7.0 (0.06)	5.5 (0.05)

†Not applicable.

‡Interpret data with caution. The coefficient of variation (CV) for this estimate is between 30 and 50 percent.

‡Reporting standards not met (too few cases for a reliable estimate).

NOTE: Data are based on sample surveys of the entire population age 25 and over residing within the United States, including both noninstitutionalized persons (e.g., those living in households, college housing, or military housing located within the United States) and institutionalized persons (e.g., those living in prisons, nursing facilities, or other healthcare facilities). The first

bachelor's degree major reported by respondents was used to classify their field of study, even though they were able to report a second bachelor's degree major and may possess advanced degrees in other fields. Totals include other racial/ethnic groups not separately shown. Race categories exclude persons of Hispanic ethnicity. Detail may not sum to totals because of rounding. SOURCE: U.S. Department of Commerce, Census Bureau, American Community Survey (ACS), 2016. (This table was prepared July 2018.)

**Table 104.70. Number and percentage distribution of children under age 18, by parents' highest level of educational attainment, child's age group and race/ethnicity, and household type: 2010 and 2016**

[Standard errors appear in parentheses]

Year, age group, race/ethnicity, and household type	Total, all children under age 18 who resided with at least one parent <sup>1</sup>		Highest level of education attained by any parent residing with child <sup>1</sup>									
	Number (in thousands)	Percentage distribution	Total, all levels	Less than high school completion	High school completion <sup>2</sup>	Some college, no degree	Associate's degree	Bachelor's or higher degree				
								Total	Bachelor's degree	Master's degree	Doctor's degree <sup>3</sup>	
1	2	3	4	5	6	7	8	9	10	11	12	
<b>2010</b>												
<b>Total</b> .....	<b>70,581 (40.7)</b>	<b>100.0 (†)</b>	<b>100.0 (†)</b>	<b>11.6 (0.09)</b>	<b>20.4 (0.10)</b>	<b>22.9 (0.10)</b>	<b>9.7 (0.06)</b>	<b>35.3 (0.13)</b>	<b>20.4 (0.08)</b>	<b>10.2 (0.07)</b>	<b>4.8 (0.04)</b>	
<b>Age group</b>												
4 years old and under.....	19,360 (19.8)	27.4 (0.02)	100.0 (†)	12.8 (0.12)	20.6 (0.14)	22.8 (0.14)	8.5 (0.09)	35.3 (0.19)	19.9 (0.13)	10.5 (0.11)	4.9 (0.07)	
5 to 17 years old.....	51,221 (32.7)	72.6 (0.02)	100.0 (†)	11.2 (0.10)	20.3 (0.12)	23.0 (0.12)	10.2 (0.07)	35.3 (0.13)	20.6 (0.09)	10.1 (0.07)	4.7 (0.05)	
<b>Race/ethnicity</b>												
White.....	38,158 (19.3)	54.1 (0.04)	100.0 (†)	4.2 (0.07)	17.1 (0.13)	22.1 (0.13)	11.1 (0.08)	45.5 (0.17)	26.0 (0.11)	13.3 (0.10)	6.1 (0.07)	
Black.....	9,540 (28.6)	13.5 (0.04)	100.0 (†)	12.4 (0.23)	27.0 (0.33)	31.2 (0.31)	9.6 (0.17)	19.8 (0.25)	12.4 (0.20)	5.7 (0.14)	1.7 (0.07)	
Hispanic.....	16,302 (21.2)	23.1 (0.02)	100.0 (†)	30.0 (0.28)	26.1 (0.24)	21.4 (0.20)	6.9 (0.12)	15.6 (0.19)	10.2 (0.14)	3.7 (0.08)	1.7 (0.05)	
Asian.....	3,078 (13.5)	4.4 (0.02)	100.0 (†)	8.4 (0.27)	11.9 (0.36)	11.0 (0.27)	6.6 (0.24)	62.2 (0.51)	29.9 (0.48)	19.8 (0.31)	12.6 (0.28)	
Pacific Islander.....	118 (3.5)	0.2 (0.00)	100.0 (†)	5.9 (1.25)	31.9 (2.68)	33.8 (2.95)	12.0 (1.71)	16.4 (1.73)	12.7 (1.63)	2.1 (0.53)	1.6 ! (0.50)	
American Indian/Alaska Native.....	519 (7.9)	0.7 (0.01)	100.0 (†)	13.3 (0.95)	27.2 (0.96)	32.3 (1.14)	9.8 (0.72)	17.4 (0.76)	11.9 (0.67)	4.1 (0.39)	1.4 (0.23)	
Some other race <sup>4</sup> .....	173 (7.0)	0.2 (0.01)	100.0 (†)	12.1 (1.70)	20.8 (1.69)	20.2 (1.24)	7.9 (0.97)	39.1 (2.20)	18.3 (1.72)	12.9 (1.45)	7.9 (0.89)	
Two or more races.....	2,693 (25.5)	3.8 (0.04)	100.0 (†)	6.1 (0.23)	17.4 (0.33)	26.6 (0.44)	11.2 (0.31)	38.7 (0.42)	21.7 (0.45)	10.9 (0.31)	6.1 (0.24)	
<b>Household type, by race/ethnicity</b>												
<b>Two-parent household</b> .....	<b>46,327 (79.6)</b>	<b>100.0 (†)</b>	<b>100.0 (†)</b>	<b>7.1 (0.08)</b>	<b>15.5 (0.11)</b>	<b>20.3 (0.11)</b>	<b>10.5 (0.07)</b>	<b>46.6 (0.16)</b>	<b>26.0 (0.11)</b>	<b>13.9 (0.09)</b>	<b>6.7 (0.06)</b>	
White.....	28,826 (58.4)	62.2 (0.09)	100.0 (†)	1.9 (0.06)	12.9 (0.12)	19.8 (0.14)	11.5 (0.10)	53.9 (0.18)	30.1 (0.13)	16.2 (0.11)	7.6 (0.09)	
Black.....	3,197 (24.6)	6.9 (0.05)	100.0 (†)	2.8 (0.20)	17.5 (0.44)	28.5 (0.52)	12.4 (0.32)	38.8 (0.50)	22.4 (0.42)	12.2 (0.35)	4.2 (0.18)	
Hispanic.....	9,680 (47.9)	20.9 (0.09)	100.0 (†)	25.0 (0.28)	24.6 (0.29)	21.4 (0.27)	7.9 (0.16)	21.1 (0.26)	13.4 (0.18)	5.2 (0.12)	2.5 (0.07)	
Asian.....	2,617 (16.4)	5.7 (0.04)	100.0 (†)	6.7 (0.28)	10.2 (0.39)	9.7 (0.27)	6.3 (0.26)	67.1 (0.54)	31.2 (0.54)	21.9 (0.36)	14.0 (0.31)	
Pacific Islander.....	79 (3.8)	0.2 (0.01)	100.0 (†)	2.9 ! (1.20)	30.6 (3.39)	31.7 (3.34)	13.5 (2.25)	21.3 (2.56)	16.7 (2.44)	2.6 (0.72)	2.0 ! (0.65)	
American Indian/Alaska Native.....	244 (7.3)	0.5 (0.02)	100.0 (†)	3.9 (0.61)	20.4 (1.24)	35.3 (1.55)	13.8 (1.14)	26.6 (1.42)	17.3 (1.25)	7.0 (0.82)	2.3 (0.40)	
Some other race <sup>4</sup> .....	112 (5.5)	0.2 (0.01)	100.0 (†)	6.2 (1.46)	16.8 (2.01)	16.5 (1.55)	7.4 (1.19)	53.1 (2.62)	23.4 (2.25)	18.4 (2.15)	11.3 (1.31)	
Two or more races.....	1,571 (18.8)	3.4 (0.04)	100.0 (†)	1.6 (0.18)	10.6 (0.37)	21.3 (0.49)	11.8 (0.44)	54.7 (0.69)	29.1 (0.65)	16.1 (0.46)	9.5 (0.38)	
<b>Single-parent household</b> .....	<b>24,254 (90.2)</b>	<b>100.0 (†)</b>	<b>100.0 (†)</b>	<b>20.3 (0.18)</b>	<b>29.8 (0.19)</b>	<b>27.9 (0.19)</b>	<b>8.2 (0.10)</b>	<b>13.7 (0.13)</b>	<b>9.6 (0.12)</b>	<b>3.1 (0.06)</b>	<b>1.1 (0.03)</b>	
White.....	9,332 (56.0)	38.5 (0.15)	100.0 (†)	11.3 (0.19)	30.1 (0.26)	29.2 (0.27)	10.0 (0.18)	19.4 (0.22)	13.2 (0.19)	4.5 (0.12)	1.6 (0.06)	
Black.....	6,343 (34.8)	26.2 (0.14)	100.0 (†)	17.2 (0.31)	31.8 (0.39)	32.6 (0.36)	8.2 (0.20)	10.2 (0.23)	7.4 (0.20)	2.4 (0.11)	0.5 (0.05)	
Hispanic.....	6,622 (46.0)	27.3 (0.16)	100.0 (†)	37.4 (0.43)	28.2 (0.34)	21.3 (0.26)	5.5 (0.15)	7.6 (0.19)	5.5 (0.18)	1.4 (0.08)	0.6 (0.05)	
Asian.....	460 (10.6)	1.9 (0.04)	100.0 (†)	18.5 (1.01)	21.5 (0.86)	18.0 (0.94)	8.0 (0.64)	33.9 (1.07)	22.2 (0.94)	7.5 (0.58)	4.3 (0.37)	
Pacific Islander.....	39 (3.0)	0.2 (0.01)	100.0 (†)	12.0 (2.67)	34.6 (4.54)	37.9 (5.03)	9.1 (2.47)	6.4 (1.59)	4.6 ! (1.43)	† (†)	† (†)	
American Indian/Alaska Native.....	275 (7.5)	1.1 (0.03)	100.0 (†)	21.8 (1.64)	33.1 (1.50)	29.6 (1.47)	6.3 (0.79)	9.2 (0.81)	7.1 (0.77)	1.5 (0.33)	0.6 ! (0.18)	
Some other race <sup>4</sup> .....	61 (4.4)	0.3 (0.02)	100.0 (†)	22.9 (2.99)	28.1 (2.91)	27.0 (2.50)	8.7 (1.69)	13.3 (1.97)	8.9 (1.60)	2.8 (0.70)	† (†)	
Two or more races.....	1,122 (19.8)	4.6 (0.08)	100.0 (†)	12.5 (0.50)	27.0 (0.69)	34.0 (0.72)	10.3 (0.43)	16.3 (0.57)	11.4 (0.48)	3.7 (0.28)	1.2 (0.18)	
<b>2016</b>												
<b>Total</b> .....	<b>69,878 (38.5)</b>	<b>100.0 (†)</b>	<b>100.0 (†)</b>	<b>10.4 (0.09)</b>	<b>19.0 (0.11)</b>	<b>20.8 (0.10)</b>	<b>10.1 (0.08)</b>	<b>39.7 (0.17)</b>	<b>21.5 (0.11)</b>	<b>12.7 (0.09)</b>	<b>5.5 (0.05)</b>	
<b>Age group</b>												
4 years old and under.....	18,981 (20.3)	27.2 (0.02)	100.0 (†)	9.9 (0.12)	19.5 (0.19)	21.2 (0.16)	9.2 (0.11)	40.3 (0.21)	21.4 (0.15)	13.1 (0.13)	5.7 (0.08)	
5 to 17 years old.....	50,897 (32.7)	72.8 (0.02)	100.0 (†)	10.5 (0.09)	18.8 (0.10)	20.6 (0.12)	10.5 (0.08)	39.5 (0.17)	21.5 (0.12)	12.6 (0.09)	5.4 (0.06)	
<b>Race/ethnicity</b>												
White.....	35,842 (23.3)	51.3 (0.04)	100.0 (†)	3.8 (0.07)	14.5 (0.12)	18.9 (0.13)	11.4 (0.10)	51.4 (0.19)	27.6 (0.14)	16.6 (0.12)	7.2 (0.07)	
Black.....	9,147 (31.6)	13.1 (0.04)	100.0 (†)	10.0 (0.24)	25.6 (0.33)	29.2 (0.34)	10.7 (0.21)	24.5 (0.31)	14.3 (0.24)	8.1 (0.19)	2.1 (0.10)	
Hispanic.....	17,418 (20.6)	24.9 (0.03)	100.0 (†)	25.6 (0.24)	26.8 (0.21)	21.3 (0.18)	7.9 (0.12)	18.5 (0.23)	11.6 (0.17)	4.9 (0.11)	2.0 (0.06)	
Asian.....	3,347 (14.5)	4.8 (0.02)	100.0 (†)	7.3 (0.28)	9.9 (0.32)	9.7 (0.30)	6.3 (0.26)	66.7 (0.43)	28.3 (0.37)	24.5 (0.41)	14.0 (0.30)	
Pacific Islander.....	119 (3.6)	0.2 (0.01)	100.0 (†)	8.9 (1.33)	31.5 (2.48)	30.8 (2.42)	10.2 (1.76)	18.7 (1.88)	13.1 (1.60)	4.9 (1.17)	0.7 ! (0.33)	
American Indian/Alaska Native.....	499 (7.8)	0.7 (0.01)	100.0 (†)	10.0 (0.69)	27.6 (0.92)	30.8 (0.99)	11.4 (0.53)	20.1 (0.86)	12.8 (0.78)	5.8 (0.46)	1.6 (0.26)	
Some other race <sup>4</sup> .....	230 (7.8)	0.3 (0.01)	100.0 (†)	10.5 (1.07)	19.8 (1.28)	24.8 (1.71)	7.0 (0.98)	37.9 (1.86)	17.4 (1.47)	13.2 (1.29)	7.3 (0.78)	
Two or more races.....	3,276 (28.3)	4.7 (0.04)	100.0 (†)	5.4 (0.25)	15.6 (0.37)	23.8 (0.39)	10.8 (0.28)	44.3 (0.45)	23.0 (0.39)	14.4 (0.34)	7.0 (0.21)	

See notes at end of table.

**Table 104.70. Number and percentage distribution of children under age 18, by parents' highest level of educational attainment, child's age group and race/ethnicity, and household type: 2010 and 2016—Continued**

[Standard errors appear in parentheses]

Year, age group, race/ethnicity, and household type	Total, all children under age 18 who resided with at least one parent <sup>1</sup>		Highest level of education attained by any parent residing with child <sup>1</sup>									
	Number (in thousands)	Percentage distribution	Total, all levels	Less than high school completion	High school completion <sup>2</sup>	Some college, no degree	Associate's degree	Bachelor's or higher degree				
								Total	Bachelor's degree	Master's degree	Doctor's degree <sup>3</sup>	
1	2	3	4	5	6	7	8	9	10	11	12	
<b>Household type, by race/ethnicity</b>												
Two-parent household .....	45,631 (80.3)	100.0 (†)	100.0 (†)	6.4 (0.08)	13.4 (0.10)	17.5 (0.11)	10.6 (0.08)	52.0 (0.19)	27.0 (0.12)	17.3 (0.12)	7.8 (0.08)	
White .....	27,060 (56.6)	59.3 (0.10)	100.0 (†)	1.8 (0.06)	9.9 (0.11)	16.4 (0.13)	11.5 (0.10)	60.4 (0.20)	31.5 (0.16)	20.1 (0.14)	8.9 (0.10)	
Black .....	3,118 (36.2)	6.8 (0.08)	100.0 (†)	2.6 (0.26)	14.2 (0.45)	24.1 (0.62)	13.2 (0.44)	45.8 (0.66)	24.2 (0.52)	16.7 (0.47)	4.9 (0.24)	
Hispanic .....	10,206 (45.0)	22.4 (0.08)	100.0 (†)	20.8 (0.28)	24.7 (0.27)	20.8 (0.25)	8.7 (0.18)	25.0 (0.32)	14.9 (0.24)	7.1 (0.16)	3.0 (0.09)	
Asian .....	2,861 (16.0)	6.3 (0.04)	100.0 (†)	6.0 (0.27)	8.3 (0.32)	8.2 (0.26)	5.7 (0.26)	71.8 (0.45)	29.3 (0.42)	26.9 (0.44)	15.6 (0.34)	
Pacific Islander .....	71 (3.3)	0.2 (0.01)	100.0 (†)	3.0 (0.84)	27.4 (2.97)	36.9 (3.44)	13.0 (2.67)	19.6 (2.45)	14.4 (2.27)	4.5 (1.54)	‡ (†)	
American Indian/Alaska Native .....	238 (6.4)	0.5 (0.01)	100.0 (†)	2.8 (0.46)	20.6 (1.21)	29.2 (1.48)	15.7 (1.08)	31.7 (1.42)	19.3 (1.24)	9.7 (0.83)	2.8 (0.47)	
Some other race <sup>4</sup> .....	145 (6.1)	0.3 (0.01)	100.0 (†)	8.1 (1.43)	14.4 (1.39)	21.7 (2.14)	6.7 (1.15)	49.1 (2.54)	20.1 (1.78)	18.5 (1.86)	10.5 (1.30)	
Two or more races .....	1,931 (20.1)	4.2 (0.04)	100.0 (†)	1.5 (0.19)	8.5 (0.33)	18.0 (0.49)	10.4 (0.38)	61.7 (0.60)	29.7 (0.58)	21.1 (0.55)	10.8 (0.35)	
Single-parent household .....	24,247 (88.7)	100.0 (†)	100.0 (†)	17.8 (0.17)	29.4 (0.19)	26.9 (0.17)	9.3 (0.12)	16.6 (0.15)	11.2 (0.12)	4.1 (0.08)	1.2 (0.04)	
White .....	8,781 (49.2)	36.2 (0.13)	100.0 (†)	9.9 (0.18)	28.6 (0.29)	26.9 (0.29)	11.1 (0.19)	23.5 (0.26)	15.4 (0.22)	6.0 (0.14)	2.1 (0.09)	
Black .....	6,029 (34.8)	24.9 (0.13)	100.0 (†)	13.8 (0.34)	31.5 (0.43)	31.8 (0.40)	9.4 (0.24)	13.5 (0.28)	9.2 (0.24)	3.7 (0.14)	0.7 (0.06)	
Hispanic .....	7,212 (42.7)	29.7 (0.13)	100.0 (†)	32.3 (0.36)	29.8 (0.34)	22.1 (0.30)	6.7 (0.18)	9.2 (0.22)	6.9 (0.20)	1.7 (0.09)	0.5 (0.04)	
Asian .....	486 (11.4)	2.0 (0.05)	100.0 (†)	14.9 (0.97)	19.4 (0.92)	19.0 (1.09)	9.9 (0.74)	36.8 (1.01)	22.5 (0.82)	10.3 (0.73)	4.1 (0.44)	
Pacific Islander .....	48 (3.2)	0.2 (0.01)	100.0 (†)	17.5 (2.97)	37.5 (4.32)	21.8 (3.21)	6.1 (1.57)	17.2 (3.01)	11.0 (2.48)	5.4 (1.89)	‡ (†)	
American Indian/Alaska Native .....	261 (6.7)	1.1 (0.03)	100.0 (†)	16.6 (1.15)	34.0 (1.46)	32.3 (1.64)	7.4 (0.60)	9.7 (0.95)	7.0 (0.85)	2.2 (0.41)	0.5! (0.16)	
Some other race <sup>4</sup> .....	85 (5.0)	0.3 (0.02)	100.0 (†)	14.5 (2.07)	29.0 (2.57)	30.1 (2.94)	7.6 (1.51)	18.7 (2.32)	12.9 (2.04)	4.0 (0.83)	1.9! (0.60)	
Two or more races .....	1,344 (23.3)	5.5 (0.09)	100.0 (†)	10.9 (0.54)	25.9 (0.69)	32.3 (0.75)	11.5 (0.46)	19.4 (0.58)	13.3 (0.51)	4.7 (0.30)	1.4 (0.15)	

†Not applicable.

!Interpret data with caution. The coefficient of variation (CV) for this estimate is between 30 and 50 percent.

‡Reporting standards not met. Either there are too few cases for a reliable estimate or the coefficient of variation (CV) is 50 percent or greater.

<sup>1</sup>Parents include adoptive and stepparents, but exclude parents not residing in the same household as their children.

<sup>2</sup>Includes parents who completed high school through equivalency programs, such as a GED program.

<sup>3</sup>Includes parents with professional degrees.

<sup>4</sup>Respondents who wrote in some other race that was not included as an option on the questionnaire.

NOTE: Table includes only children under age 18 who resided with at least one of their parents (including an adoptive or step-parent). Children in single-parent households resided with only one parent, while those in two-parent households resided with two parents. Data are based on sample surveys of the entire population residing within the United States. Race categories exclude persons of Hispanic ethnicity. Detail may not sum to totals because of rounding.

SOURCE: U.S. Department of Commerce, Census Bureau, American Community Survey (ACS), 2010 and 2016. (This table was prepared November 2017.)

**Table 104.80. Percentage of persons 18 to 24 years old and age 25 and over, by educational attainment and state: 2000 and 2016**  
[Standard errors appear in parentheses]

State	Percent of 18- to 24-year-olds who were high school completers <sup>1</sup>		Percent of population 25 years old and over, by educational attainment										
	2000	2016	2000						2016				
			Less than high school completion	High school completion <sup>1</sup> or higher	Bachelor's or higher degree			Less than high school completion	High school completion <sup>1</sup> or higher		Bachelor's or higher degree		
					Total	Bachelor's degree	Graduate degree		Total	High school only	Total	Bachelor's degree	Graduate degree
1	2	3	4	5	6	7	8	9	10	11	12	13	14
<b>United States ..</b>	<b>74.7 (0.02)</b>	<b>86.9 (0.09)</b>	<b>19.6 (0.01)</b>	<b>80.4 (0.01)</b>	<b>24.4 (0.01)</b>	<b>15.5 (0.01)</b>	<b>8.9 (#)</b>	<b>12.6 (0.04)</b>	<b>87.4 (0.04)</b>	<b>27.1 (0.05)</b>	<b>31.3 (0.06)</b>	<b>19.4 (0.04)</b>	<b>12.0 (0.03)</b>
Alabama .....	72.2 (0.15)	85.5 (0.77)	24.7 (0.06)	75.3 (0.06)	19.0 (0.05)	12.1 (0.04)	6.9 (0.03)	15.1 (0.29)	84.9 (0.29)	30.4 (0.28)	24.7 (0.30)	15.3 (0.24)	9.4 (0.18)
Alaska .....	76.9 (0.40)	86.9 (2.04)	11.7 (0.12)	88.3 (0.12)	24.7 (0.16)	16.1 (0.13)	8.6 (0.10)	7.5 (0.49)	92.5 (0.49)	28.2 (0.96)	29.3 (1.04)	18.3 (0.90)	11.0 (0.65)
Arizona .....	69.2 (0.19)	84.4 (0.53)	19.0 (0.06)	81.0 (0.06)	23.5 (0.07)	15.1 (0.06)	8.4 (0.04)	13.2 (0.20)	86.8 (0.20)	23.9 (0.28)	28.7 (0.25)	17.9 (0.20)	10.8 (0.16)
Arkansas.....	75.4 (0.19)	84.9 (0.95)	24.7 (0.07)	75.3 (0.07)	16.7 (0.06)	11.0 (0.05)	5.7 (0.04)	14.2 (0.32)	85.8 (0.32)	34.4 (0.37)	22.1 (0.41)	13.9 (0.33)	8.2 (0.24)
California .....	70.7 (0.07)	88.3 (0.22)	23.2 (0.03)	76.8 (0.03)	26.6 (0.03)	17.1 (0.02)	9.5 (0.02)	17.6 (0.09)	82.4 (0.09)	20.4 (0.11)	33.0 (0.12)	20.7 (0.10)	12.3 (0.08)
Colorado.....	75.1 (0.15)	87.3 (0.62)	13.1 (0.05)	86.9 (0.05)	32.7 (0.06)	21.6 (0.06)	11.1 (0.04)	8.6 (0.18)	91.4 (0.18)	21.7 (0.27)	40.0 (0.29)	24.8 (0.27)	15.2 (0.21)
Connecticut.....	78.2 (0.21)	90.7 (0.71)	16.0 (0.06)	84.0 (0.06)	31.4 (0.08)	18.1 (0.07)	13.3 (0.06)	9.3 (0.25)	90.7 (0.25)	27.3 (0.37)	38.8 (0.29)	22.1 (0.27)	16.7 (0.26)
Delaware.....	77.6 (0.41)	83.9 (1.83)	17.4 (0.14)	82.6 (0.14)	25.0 (0.16)	15.6 (0.14)	9.4 (0.11)	10.3 (0.49)	89.7 (0.49)	31.9 (0.94)	31.7 (0.82)	19.3 (0.71)	12.4 (0.49)
District of Columbia ..	79.4 (0.40)	91.5 (1.21)	22.2 (0.18)	77.8 (0.18)	39.1 (0.21)	18.1 (0.17)	21.0 (0.18)	10.1 (0.61)	89.9 (0.61)	16.9 (0.68)	57.3 (0.69)	24.1 (0.69)	33.2 (0.65)
Florida.....	71.7 (0.11)	84.4 (0.35)	20.1 (0.04)	79.9 (0.04)	22.3 (0.04)	14.2 (0.03)	8.1 (0.02)	12.6 (0.11)	87.4 (0.11)	28.9 (0.15)	28.7 (0.16)	18.3 (0.12)	10.4 (0.11)
Georgia.....	70.0 (0.15)	84.2 (0.47)	21.4 (0.05)	78.6 (0.05)	24.3 (0.05)	16.0 (0.05)	8.3 (0.04)	13.5 (0.19)	86.5 (0.19)	27.7 (0.23)	30.6 (0.24)	18.9 (0.18)	11.7 (0.15)
Hawaii.....	85.8 (0.25)	93.4 (0.88)	15.4 (0.10)	84.6 (0.10)	26.2 (0.12)	17.8 (0.10)	8.4 (0.08)	7.7 (0.42)	92.3 (0.42)	27.5 (0.61)	33.0 (0.59)	22.0 (0.47)	11.1 (0.42)
Idaho.....	77.3 (0.25)	89.1 (1.18)	15.3 (0.09)	84.7 (0.09)	21.7 (0.10)	14.9 (0.09)	6.8 (0.06)	9.5 (0.43)	90.5 (0.43)	28.1 (0.61)	27.3 (0.54)	18.5 (0.43)	8.7 (0.33)
Illinois.....	76.0 (0.09)	87.9 (0.39)	18.6 (0.03)	81.4 (0.03)	26.1 (0.03)	16.6 (0.03)	9.5 (0.02)	11.3 (0.14)	88.7 (0.14)	26.0 (0.19)	33.8 (0.18)	20.9 (0.17)	12.9 (0.15)
Indiana.....	76.5 (0.15)	84.5 (0.65)	17.9 (0.05)	82.1 (0.05)	19.4 (0.05)	12.2 (0.04)	7.2 (0.04)	11.8 (0.21)	88.2 (0.21)	33.7 (0.26)	25.7 (0.28)	16.4 (0.24)	9.3 (0.18)
Iowa.....	81.4 (0.16)	89.5 (0.78)	13.9 (0.06)	86.1 (0.06)	21.2 (0.07)	14.7 (0.06)	6.5 (0.04)	8.4 (0.25)	91.6 (0.25)	30.4 (0.39)	28.9 (0.44)	19.4 (0.37)	9.5 (0.26)
Kansas.....	78.3 (0.18)	88.0 (0.79)	14.0 (0.06)	86.0 (0.06)	25.8 (0.08)	17.1 (0.06)	8.7 (0.05)	9.5 (0.27)	90.5 (0.27)	26.3 (0.41)	33.0 (0.45)	20.8 (0.32)	12.2 (0.30)
Kentucky.....	74.9 (0.15)	86.0 (0.74)	25.9 (0.06)	74.1 (0.06)	17.1 (0.05)	10.2 (0.04)	6.9 (0.03)	14.5 (0.28)	85.5 (0.28)	32.3 (0.35)	23.4 (0.33)	14.0 (0.24)	9.4 (0.21)
Louisiana.....	72.3 (0.15)	82.5 (0.91)	25.2 (0.06)	74.8 (0.06)	18.7 (0.05)	12.2 (0.04)	6.5 (0.03)	15.8 (0.27)	84.2 (0.27)	34.0 (0.38)	23.3 (0.31)	15.0 (0.25)	8.2 (0.20)
Maine.....	78.9 (0.28)	87.9 (1.28)	14.6 (0.08)	85.4 (0.08)	22.9 (0.10)	15.0 (0.09)	7.9 (0.06)	7.5 (0.36)	92.5 (0.36)	32.7 (0.69)	30.6 (0.71)	19.2 (0.53)	11.4 (0.44)
Maryland.....	79.6 (0.16)	88.0 (0.51)	16.2 (0.05)	83.8 (0.05)	31.4 (0.07)	18.0 (0.06)	13.4 (0.05)	9.8 (0.20)	90.2 (0.20)	25.4 (0.30)	39.2 (0.29)	20.9 (0.26)	18.3 (0.23)
Massachusetts.....	82.2 (0.13)	89.2 (0.46)	15.2 (0.05)	84.8 (0.05)	33.2 (0.06)	19.5 (0.05)	13.7 (0.04)	9.5 (0.19)	90.5 (0.19)	24.4 (0.23)	42.8 (0.26)	23.8 (0.24)	19.0 (0.21)
Michigan.....	76.5 (0.10)	87.6 (0.45)	16.6 (0.03)	83.4 (0.03)	21.8 (0.04)	13.7 (0.03)	8.1 (0.02)	9.6 (0.13)	90.4 (0.13)	29.3 (0.22)	28.2 (0.24)	17.1 (0.19)	11.1 (0.15)
Minnesota.....	79.3 (0.13)	87.3 (0.77)	12.1 (0.04)	87.9 (0.04)	27.4 (0.06)	19.1 (0.05)	8.3 (0.03)	7.1 (0.18)	92.9 (0.18)	25.0 (0.27)	34.4 (0.33)	22.9 (0.28)	11.6 (0.21)
Mississippi.....	71.3 (0.18)	85.1 (1.01)	27.1 (0.08)	72.9 (0.08)	16.9 (0.06)	11.1 (0.05)	5.8 (0.04)	16.0 (0.31)	84.0 (0.31)	30.9 (0.41)	21.9 (0.42)	13.5 (0.32)	8.4 (0.25)
Missouri.....	76.5 (0.13)	86.2 (0.63)	18.7 (0.05)	81.3 (0.05)	21.6 (0.05)	14.0 (0.04)	7.6 (0.03)	10.3 (0.22)	89.7 (0.22)	30.8 (0.27)	28.6 (0.32)	17.9 (0.26)	10.6 (0.22)
Montana.....	78.6 (0.31)	89.1 (1.49)	12.8 (0.10)	87.2 (0.10)	24.4 (0.13)	17.2 (0.11)	7.2 (0.08)	7.6 (0.45)	92.4 (0.45)	28.5 (0.80)	31.3 (0.79)	21.5 (0.61)	9.9 (0.49)
Nebraska.....	80.0 (0.21)	88.8 (0.98)	13.4 (0.07)	86.6 (0.07)	23.7 (0.09)	16.4 (0.08)	7.3 (0.06)	9.2 (0.36)	90.8 (0.36)	26.2 (0.48)	32.3 (0.58)	21.7 (0.51)	10.7 (0.34)
Nevada.....	66.7 (0.32)	83.4 (0.91)	19.3 (0.10)	80.7 (0.10)	18.2 (0.10)	12.1 (0.08)	6.1 (0.06)	14.0 (0.33)	86.0 (0.33)	29.2 (0.48)	23.4 (0.41)	15.2 (0.36)	8.2 (0.21)
New Hampshire.....	77.8 (0.29)	89.7 (1.25)	12.6 (0.08)	87.4 (0.08)	28.7 (0.11)	18.7 (0.10)	10.0 (0.07)	7.0 (0.37)	93.0 (0.37)	26.8 (0.55)	36.7 (0.65)	22.3 (0.55)	14.4 (0.45)
New Jersey.....	76.3 (0.14)	88.6 (0.50)	17.9 (0.04)	82.1 (0.04)	29.8 (0.05)	18.8 (0.04)	11.0 (0.04)	10.8 (0.15)	89.2 (0.15)	27.8 (0.23)	38.7 (0.24)	23.6 (0.19)	15.1 (0.17)
New Mexico.....	70.5 (0.24)	83.0 (1.21)	21.1 (0.09)	78.9 (0.09)	23.5 (0.09)	13.7 (0.07)	9.8 (0.06)	14.4 (0.42)	85.6 (0.42)	26.6 (0.50)	27.4 (0.50)	15.6 (0.37)	11.8 (0.36)
New York.....	76.1 (0.09)	88.2 (0.31)	20.9 (0.03)	79.1 (0.03)	27.4 (0.04)	15.6 (0.03)	11.8 (0.03)	13.7 (0.12)	86.3 (0.12)	26.2 (0.16)	35.7 (0.17)	20.1 (0.14)	15.5 (0.12)
North Carolina.....	74.2 (0.11)	85.6 (0.50)	21.9 (0.04)	78.1 (0.04)	22.5 (0.04)	15.3 (0.04)	7.2 (0.03)	12.8 (0.17)	87.2 (0.17)	25.7 (0.21)	30.5 (0.22)	19.6 (0.18)	10.9 (0.15)
North Dakota.....	84.4 (0.24)	93.8 (1.00)	16.1 (0.10)	83.9 (0.10)	22.0 (0.12)	16.5 (0.10)	5.5 (0.06)	8.8 (0.56)	91.2 (0.56)	27.1 (0.84)	29.2 (0.94)	21.7 (0.80)	7.4 (0.56)
Ohio.....	76.8 (0.09)	86.2 (0.45)	17.0 (0.03)	83.0 (0.03)	21.1 (0.03)	13.7 (0.03)	7.4 (0.02)	9.9 (0.15)	90.1 (0.15)	33.3 (0.23)	27.8 (0.19)	17.4 (0.15)	10.4 (0.13)
Oklahoma.....	74.8 (0.16)	82.7 (0.85)	19.4 (0.06)	80.6 (0.06)	20.3 (0.06)	13.5 (0.05)	6.8 (0.04)	12.1 (0.24)	87.9 (0.24)	31.1 (0.38)	25.5 (0.39)	17.0 (0.34)	8.5 (0.22)
Oregon.....	74.2 (0.17)	87.9 (0.73)	14.9 (0.05)	85.1 (0.05)	25.1 (0.06)	16.4 (0.06)	8.7 (0.04)	9.7 (0.22)	90.3 (0.22)	23.0 (0.32)	32.6 (0.35)	19.9 (0.27)	12.7 (0.25)
Pennsylvania.....	79.8 (0.09)	87.9 (0.47)	18.1 (0.03)	81.9 (0.03)	22.4 (0.03)	14.0 (0.03)	8.4 (0.02)	10.1 (0.17)	89.9 (0.17)	35.0 (0.21)	30.8 (0.23)	18.8 (0.21)	12.0 (0.14)
Rhode Island.....	81.3 (0.32)	90.5 (1.18)	22.0 (0.13)	78.0 (0.13)	25.6 (0.14)	15.9 (0.12)	9.7 (0.10)	11.6 (0.47)	88.4 (0.47)	27.7 (0.74)	34.4 (0.70)	20.8 (0.59)	13.6 (0.48)
South Carolina.....	74.3 (0.18)	87.2 (0.62)	23.7 (0.07)	76.3 (0.07)	20.4 (0.07)	13.5 (0.06)	6.9 (0.04)	13.4 (0.26)	86.6 (0.26)	29.1 (0.34)	27.5 (0.31)	17.9 (0.25)	9.6 (0.19)
South Dakota.....	78.2 (0.33)	86.8 (1.48)	15.4 (0.12)	84.6 (0.12)	21.5 (0.13)	15.5 (0.12)	6.0 (0.08)	8.6 (0.49)	91.4 (0.49)	28.9 (0.81)	29.6 (0.95)	20.4 (0.90)	9.3 (0.48)
Tennessee.....	75.1 (0.16)	88.3 (0.49)	24.1 (0.06)	75.9 (0.06)	19.6 (0.06)	12.8 (0.05)	6.8 (0.03)	13.1 (0.20)	86.9 (0.20)	32.3 (0.31)	26.2 (0.22)	16.6 (0.20)	9.5 (0.18)
Texas.....	68.6 (0.08)	85.1 (0.33)	24.3 (0.03)	75.7 (0.03)	23.2 (0.03)	15.6 (0.03)	7.6 (0.02)	17.1 (0.14)	82.9 (0.14)	25.2 (0.16)	28.9 (0.15)	18.9 (0.12)	10.0 (0.09)
Utah.....	80.3 (0.16)	88.4 (0.87)	12.3 (0.07)	87.7 (0.07)	26.1 (0.09)	17.8 (0.08)	8.3 (0.06)	8.1 (0.27)	91.9 (0.27)	22.8 (0.47)	32.4 (0.49)	21.2 (0.36)	11.1 (0.31)
Vermont.....	83.0 (0.28)	92.4 (1.27)	13.6 (0.10)	86.4 (0.10)	29.4 (0.13)	18.3 (0.11)	11.1 (0.09)	8.1 (0.67)	91.9 (0.67)	29.1 (0.85)	36.1 (1.17)	21.4 (0.76)	14.7 (0.81)
Virginia.....	79.4 (0.13)	89.4 (0.55)	18.5 (0.05)	81.5 (0.05)	29.5 (0.06)	17.9 (0.05)	11.6 (0.04)	10.9 (0.16)	89.1 (0.16)	23.9 (0.24)	38.1 (0.27)	21.8 (0.23)	16.4 (0.18)
Washington.....	75.3 (0.16)	84.6 (0.63)	12.9 (0.05)	87.1 (0.05)	27.7 (0.06)	18.4 (0.05)	9.3 (0.04)	9.3 (0.17)	90.7 (0.17)	22.3 (0.27)	34.9 (0.26)	22.0 (0.21)	12.9 (0.17)
West Virginia.....	78.2 (0.22)	87.6 (0.94)	24.8 (0.09)	75.2 (0.09)	14.8 (0.07)	8.9 (0.06)	5.9 (0.05)	13.8 (0.44)	86.2 (0.44)	39.7 (0.58)	21.1 (0.52)	12.5 (0.33)	8.6 (0.36)
Wisconsin.....	78.9 (0.13)	89.3 (0.58)	14.9 (0.04)	85.1 (0.04)	22.4 (0.05)	15.2 (0.04)	7.2 (0.03)	7.8 (0.21)	92.2 (0.21)	31.0 (0.29)	29.8 (0.33)	19.7 (0.28)	10.2 (0.20)
Wyoming.....	79.0 (0.41)	84.4 (2.34)	12.1 (0.13)	87.9 (0.13)	21.9 (0.16)	14.9 (0.14)	7.0 (0.10)	6.8 (0.53)	93.2 (0.53)	29.9 (0.99)	26.5 (0.94)	17.1 (0.80)	9.4 (0.52)

#Rounds to zero.  
<sup>1</sup>High school completers include those graduating from high school with a diploma as well as those completing high school through equivalency programs, such as a GED program.  
 NOTE: Data are based on sample surveys of the entire population in the given age range residing within the United States, including both noninstitutionalized persons (e.g., those living in households, college housing, or military housing located within the United States) and institutionalized

persons (e.g., those living in prisons, nursing facilities, or other healthcare facilities). Detail may not sum to totals because of rounding.  
 SOURCE: U.S. Department of Commerce, Census Bureau, Census 2000 Summary File 3, retrieved October 11, 2006, from [http://factfinder2.census.gov/faces/tableservices/jsf/pages/productview.xhtml?pid=DEC\\_00\\_SF3\\_QTP20&prodType=table](http://factfinder2.census.gov/faces/tableservices/jsf/pages/productview.xhtml?pid=DEC_00_SF3_QTP20&prodType=table); Census Briefs, *Educational Attainment: 2000*; and 2016 American Community Survey (ACS) 1-Year Public Use Microdata Sample (PUMS) data. (This table was prepared May 2018.)

**Table 104.85. Rates of high school completion and bachelor's degree attainment among persons age 25 and over, by race/ethnicity and state: 2016**

[Standard errors appear in parentheses]

State	Percent with high school completion <sup>1</sup> or higher						Percent with bachelor's degree or higher					
	Total <sup>2</sup>	White	Black	Hispanic	Asian	Two or more races	Total <sup>2</sup>	White	Black	Hispanic	Asian	Two or more races
1	2	3	4	5	6	7	8	9	10	11	12	13
<b>United States</b> .....	<b>87.4 (0.04)</b>	<b>92.4 (0.03)</b>	<b>85.4 (0.10)</b>	<b>67.0 (0.13)</b>	<b>86.6 (0.14)</b>	<b>90.6 (0.19)</b>	<b>31.3 (0.06)</b>	<b>35.0 (0.06)</b>	<b>20.9 (0.14)</b>	<b>15.3 (0.11)</b>	<b>53.6 (0.24)</b>	<b>33.8 (0.30)</b>
Alabama .....	84.9 (0.29)	87.2 (0.30)	81.3 (0.60)	58.6 (2.44)	84.7 (2.71)	90.8 (1.67)	24.7 (0.30)	27.1 (0.38)	17.9 (0.57)	13.0 (1.56)	50.4 (3.29)	34.4 (3.30)
Alaska .....	92.5 (0.49)	95.8 (0.54)	99.4 (0.76)	73.1 (5.51)	87.6 (3.24)	95.0 (2.29)	29.3 (1.04)	35.8 (1.37)	18.3 <sup>†</sup> (7.46)	14.9 (3.38)	29.9 (3.97)	30.0 (5.58)
Arizona .....	86.8 (0.20)	94.0 (0.19)	89.8 (0.94)	69.0 (0.59)	86.0 (1.32)	94.0 (1.11)	28.7 (0.25)	35.0 (0.34)	22.9 (1.38)	12.7 (0.42)	53.5 (1.89)	31.9 (2.40)
Arkansas .....	85.8 (0.32)	88.3 (0.30)	82.3 (1.01)	58.2 (2.01)	87.5 (2.88)	86.0 (2.52)	22.1 (0.41)	23.6 (0.46)	15.6 (0.96)	9.9 (1.42)	52.3 (3.77)	22.7 (3.26)
California .....	82.4 (0.09)	94.6 (0.08)	89.2 (0.34)	62.5 (0.24)	87.2 (0.21)	93.4 (0.44)	33.0 (0.12)	43.0 (0.21)	24.3 (0.45)	12.2 (0.15)	52.2 (0.35)	40.8 (0.72)
Colorado .....	91.4 (0.18)	96.6 (0.14)	90.3 (1.31)	70.0 (0.82)	86.9 (1.50)	93.3 (1.30)	40.0 (0.29)	46.0 (0.35)	27.0 (1.73)	15.4 (0.57)	52.2 (2.12)	40.6 (2.33)
Connecticut .....	90.7 (0.25)	94.4 (0.19)	86.7 (0.96)	72.1 (1.32)	91.3 (1.28)	92.9 (1.80)	38.8 (0.29)	43.8 (0.37)	18.7 (1.30)	16.7 (0.93)	67.6 (1.65)	36.7 (3.46)
Delaware .....	89.7 (0.49)	92.1 (0.48)	89.3 (1.15)	67.5 (2.70)	92.6 (1.78)	84.6 (6.37)	31.7 (0.82)	34.3 (0.93)	22.3 (1.74)	15.9 (2.26)	63.9 (4.67)	26.0 (4.67)
District of Columbia .....	89.9 (0.61)	99.3 (0.27)	85.9 (1.04)	65.8 (3.41)	97.6 (1.51)	97.5 (1.91)	57.3 (0.69)	92.1 (0.69)	26.1 (1.41)	41.6 (3.11)	88.8 (2.70)	78.2 (5.32)
Florida .....	87.4 (0.11)	92.4 (0.12)	81.4 (0.37)	78.3 (0.32)	85.0 (0.78)	87.9 (1.04)	28.7 (0.16)	32.3 (0.20)	18.0 (0.32)	22.9 (0.33)	49.4 (1.07)	30.0 (1.62)
Georgia .....	86.5 (0.19)	89.7 (0.20)	86.5 (0.35)	60.0 (1.06)	87.6 (0.89)	90.0 (1.36)	30.6 (0.24)	34.1 (0.30)	23.4 (0.44)	16.4 (0.73)	58.4 (1.18)	36.1 (2.01)
Hawaii .....	97.1 (0.60)	97.1 (0.60)	94.8 (2.49)	90.9 (1.55)	89.7 (0.67)	94.5 (0.76)	33.0 (0.59)	45.7 (1.30)	25.5 (5.39)	17.0 (1.74)	36.3 (1.07)	23.6 (1.57)
Idaho .....	90.5 (0.43)	93.2 (0.36)	100.0 (#)	66.1 (2.10)	88.3 (4.24)	88.6 (3.34)	27.3 (0.54)	29.0 (0.64)	26.4 (9.06)	8.0 (1.02)	46.5 (5.83)	34.2 (5.60)
Illinois .....	88.7 (0.14)	93.6 (0.13)	86.5 (0.44)	66.7 (0.70)	90.2 (0.67)	91.6 (1.20)	33.8 (0.18)	37.7 (0.23)	22.1 (0.63)	14.1 (0.44)	63.9 (1.13)	39.0 (1.71)
Indiana .....	88.2 (0.21)	90.1 (0.19)	84.6 (0.97)	66.4 (1.44)	81.5 (1.95)	86.8 (1.85)	25.7 (0.28)	26.9 (0.32)	16.0 (0.91)	12.9 (1.12)	52.5 (2.51)	22.3 (2.79)
Iowa .....	91.6 (0.25)	93.7 (0.26)	81.7 (2.15)	57.1 (2.38)	85.0 (2.95)	90.7 (3.10)	28.9 (0.44)	29.2 (0.47)	23.6 (2.55)	12.4 (1.93)	55.8 (3.42)	34.3 (4.88)
Kansas .....	90.5 (0.27)	94.0 (0.22)	88.0 (1.50)	63.4 (2.01)	84.7 (2.51)	84.9 (3.67)	33.0 (0.45)	35.1 (0.50)	23.0 (2.07)	15.0 (1.30)	55.2 (3.25)	27.2 (3.87)
Kentucky .....	85.5 (0.28)	85.9 (0.30)	85.6 (1.03)	69.6 (2.45)	84.1 (2.62)	88.0 (2.37)	23.4 (0.33)	23.9 (0.34)	14.0 (1.02)	19.3 (2.21)	49.6 (3.51)	24.2 (3.26)
Louisiana .....	84.2 (0.27)	88.2 (0.34)	78.0 (0.50)	72.9 (1.83)	79.7 (2.00)	85.1 (2.85)	23.3 (0.31)	27.6 (0.41)	14.5 (0.52)	15.5 (1.24)	41.1 (2.46)	22.2 (2.69)
Maine .....	92.5 (0.36)	92.7 (0.37)	86.7 (3.83)	86.3 (4.95)	93.5 (2.79)	83.2 (5.31)	30.6 (0.71)	30.8 (0.71)	26.6 <sup>†</sup> (8.78)	26.0 (5.25)	44.8 (9.42)	19.8 (5.14)
Maryland .....	90.2 (0.20)	93.4 (0.23)	90.3 (0.36)	65.6 (1.42)	90.9 (0.71)	95.8 (0.95)	39.2 (0.29)	43.7 (0.39)	29.8 (0.57)	21.1 (0.95)	63.0 (1.56)	45.9 (2.72)
Massachusetts .....	90.5 (0.19)	94.0 (0.16)	85.7 (0.90)	69.0 (1.08)	85.8 (0.78)	91.5 (1.25)	42.8 (0.26)	46.1 (0.32)	25.4 (1.12)	18.2 (0.73)	59.3 (1.19)	42.0 (2.66)
Michigan .....	90.4 (0.13)	92.2 (0.13)	85.2 (0.53)	72.3 (1.15)	88.1 (1.22)	87.3 (1.71)	28.2 (0.24)	29.4 (0.25)	17.0 (0.53)	17.0 (0.99)	61.8 (1.79)	27.5 (2.00)
Minnesota .....	92.9 (0.18)	95.6 (0.14)	83.0 (1.60)	63.0 (2.37)	77.5 (1.85)	91.9 (1.71)	34.4 (0.33)	36.0 (0.36)	20.4 (1.75)	15.5 (1.52)	40.5 (2.02)	36.1 (2.90)
Mississippi .....	84.0 (0.31)	87.6 (0.36)	79.1 (0.58)	65.8 (3.65)	83.1 (4.34)	79.1 (4.32)	21.9 (0.42)	25.9 (0.54)	15.2 (0.53)	12.8 (1.97)	40.7 (5.29)	19.9 (4.35)
Missouri .....	89.7 (0.22)	90.8 (0.24)	87.0 (0.60)	73.0 (1.97)	88.5 (1.69)	86.8 (1.70)	28.6 (0.32)	29.6 (0.33)	18.2 (0.80)	20.9 (1.67)	60.6 (2.68)	21.7 (2.12)
Montana .....	92.4 (0.45)	93.3 (0.44)	†	80.5 (4.87)	†	89.9 (4.33)	31.3 (0.79)	32.2 (0.84)	†	30.8 (5.54)	†	23.1 (4.84)
Nebraska .....	90.8 (0.36)	95.1 (0.30)	86.1 (1.95)	51.0 (2.84)	74.2 (5.07)	95.0 (1.80)	32.3 (0.58)	34.7 (0.61)	24.5 (3.11)	9.9 (1.55)	42.8 (5.34)	38.6 (5.45)
Nevada .....	86.0 (0.33)	93.4 (0.35)	90.8 (0.95)	63.4 (1.19)	90.0 (0.92)	94.6 (1.17)	23.4 (0.41)	27.5 (0.60)	18.6 (1.34)	9.3 (0.61)	38.1 (1.63)	27.0 (2.61)
New Hampshire .....	93.0 (0.37)	93.7 (0.36)	88.5 (4.88)	79.0 (3.43)	90.1 (3.00)	86.3 (4.08)	36.7 (0.65)	36.5 (0.64)	26.8 (6.17)	34.7 (5.14)	54.8 (5.49)	26.0 (5.17)
New Jersey .....	89.2 (0.15)	93.7 (0.16)	88.3 (0.43)	72.5 (0.73)	93.2 (0.34)	89.2 (1.54)	38.7 (0.24)	43.2 (0.33)	23.5 (0.64)	17.2 (0.50)	69.6 (0.88)	36.5 (2.21)
New Mexico .....	85.6 (0.42)	94.8 (0.42)	92.8 (2.16)	76.4 (0.81)	89.5 (2.64)	93.8 (2.65)	27.4 (0.50)	40.4 (0.81)	28.7 (3.94)	15.7 (0.61)	49.7 (4.39)	43.8 (5.18)
New York .....	86.3 (0.12)	93.0 (0.10)	83.9 (0.34)	69.3 (0.50)	78.3 (0.57)	84.8 (1.10)	35.7 (0.17)	42.1 (0.22)	23.1 (0.42)	18.5 (0.42)	46.0 (0.61)	40.0 (1.56)
North Carolina .....	87.2 (0.17)	90.8 (0.19)	84.7 (0.38)	59.2 (1.18)	87.1 (1.11)	89.3 (1.54)	30.5 (0.22)	34.2 (0.24)	20.4 (0.48)	15.1 (0.78)	57.6 (1.57)	30.9 (1.90)
North Dakota .....	91.2 (0.56)	93.2 (0.50)	93.3 (5.32)	57.4 (7.91)	72.8 (10.07)	95.4 (2.97)	29.2 (0.94)	30.6 (1.02)	†	10.5 <sup>†</sup> (5.15)	50.3 (10.68)	30.8 (8.76)
Ohio .....	90.1 (0.15)	91.2 (0.15)	86.2 (0.57)	75.3 (1.26)	89.0 (0.98)	89.5 (1.19)	27.8 (0.19)	28.9 (0.21)	15.6 (0.50)	20.4 (1.27)	62.0 (1.71)	25.1 (1.87)
Oklahoma .....	87.9 (0.24)	91.1 (0.24)	88.9 (1.25)	60.8 (1.44)	85.4 (2.23)	86.4 (1.22)	25.5 (0.39)	28.2 (0.45)	19.2 (1.40)	11.2 (1.03)	44.5 (4.07)	22.3 (1.47)
Oregon .....	90.3 (0.22)	93.6 (0.21)	89.4 (1.85)	63.1 (1.48)	85.6 (1.45)	91.6 (1.29)	32.6 (0.35)	34.3 (0.37)	20.8 (2.25)	13.2 (0.96)	51.8 (2.02)	30.4 (1.96)
Pennsylvania .....	89.9 (0.17)	92.0 (0.16)	85.1 (0.61)	69.8 (1.21)	84.6 (1.01)	91.7 (1.37)	30.8 (0.23)	32.4 (0.25)	18.4 (0.70)	14.8 (0.78)	56.0 (1.33)	34.6 (2.23)
Rhode Island .....	88.4 (0.47)	91.3 (0.47)	85.4 (1.95)	71.4 (1.97)	89.6 (2.15)	80.4 (5.98)	34.4 (0.70)	38.1 (0.82)	19.6 (2.62)	12.8 (1.31)	49.8 (4.92)	33.1 (5.56)
South Carolina .....	86.6 (0.26)	90.2 (0.26)	81.4 (0.60)	59.7 (2.13)	87.8 (1.87)	82.6 (3.17)	27.5 (0.31)	32.2 (0.38)	16.0 (0.58)	15.0 (1.22)	45.3 (2.56)	20.9 (2.56)
South Dakota .....	91.4 (0.49)	94.0 (0.46)	69.6 (9.28)	66.0 (5.75)	66.1 (6.79)	71.2 (10.64)	29.6 (0.95)	31.8 (1.02)	21.4 <sup>†</sup> (6.95)	16.4 (3.84)	42.5 (8.59)	†
Tennessee .....	86.9 (0.20)	88.6 (0.20)	84.4 (0.64)	63.1 (1.74)	85.8 (1.42)	86.1 (1.51)	26.2 (0.22)	27.3 (0.27)	19.6 (0.72)	15.5 (1.46)	56.6 (2.57)	27.8 (2.39)
Texas .....	82.9 (0.14)	93.4 (0.11)	89.4 (0.31)	64.9 (0.32)	87.9 (0.50)	91.4 (0.84)	28.9 (0.15)	37.5 (0.20)	23.2 (0.46)	14.2 (0.20)	58.0 (0.75)	39.6 (1.57)
Utah .....	91.9 (0.27)	95.6 (0.21)	89.5 (3.66)	68.1 (1.66)	87.8 (2.68)	94.1 (1.62)	32.4 (0.49)	35.2 (0.56)	25.6 (4.54)	11.9 (0.92)	47.4 (3.26)	41.9 (3.92)
Vermont .....	91.9 (0.67)	91.9 (0.69)	93.5 (4.58)	88.0 (5.23)	88.0 (8.55)	96.8 (2.43)	36.1 (1.17)	36.1 (1.18)	27.8 <sup>†</sup> (12.07)	21.7 <sup>†</sup> (8.21)	58.4 (13.08)	41.5 (8.48)
Virginia .....	89.1 (0.16)	92.1 (0.18)	85.7 (0.45)	71.2 (1.29)	88.1 (0.65)	91.8 (1.24)	38.1 (0.27)	41.4 (0.33)	23.8 (0.50)	24.7 (1.04)	59.6 (1.03)	44.4 (1.97)
Washington .....	90.7 (0.17)	94.7 (0.15)	85.5 (1.31)	63.8 (1.18)	87.2 (0.68)	91.7 (0.96)	34.9 (0.26)	36.4 (0.31)	26.8 (1.30)	15.4 (0.70)	52.5 (0.97)	26.5 (1.51)
West Virginia .....	86.2 (0.44)	86.2 (0.43)	86.8 (2.15)	72.2 (5.95)	97.1 (1.29)	94.5 (3.83)	21.1 (0.52)	20.8 (0.55)	19.5 (2.73)	20.4 (4.58)	63.4 (5.95)	28.7 (5.94)
Wisconsin .....	92.2 (0.21)	94.4 (0.19)	82.5 (1.12)	68.8 (1.86)	83.2 (2.37)	95.0 (1.64)	29.8 (0.33)	31.1 (0.37)	16.9 (1.33)	13.8 (1.16)	48.1 (2.21)	32.3 (3.21)
Wyoming .....	93.2 (0.53)	94.8 (0.47)	†	77.4 (4.16)	93.4 (5.64)	94.0 (3.85)	26.5 (0.94)	27.8 (1.01)	†	11.8 (2.27)	71.5 (9.55)	20.6 <sup>†</sup> (6.87)

†Not applicable.

#Rounds to zero.

<sup>1</sup>Interpret data with caution. The coefficient of variation (CV) for this estimate is between 30 and 50 percent.

<sup>2</sup>Reporting standards not met. Either there are too few cases for a reliable estimate or the coefficient of variation (CV) is 50 percent or greater.

<sup>3</sup>Includes completion of high school through equivalency programs, such as a GED program.

<sup>4</sup>Total includes racial/ethnic groups not shown separately.

NOTE: Data are based on sample surveys of the entire population in the given age range residing within the United States, including both noninstitutionalized persons (e.g., those living in households, college housing, or military housing located within the United States) and institutionalized persons (e.g., those living in prisons, nursing facilities, or other healthcare facilities). Race categories exclude persons of Hispanic ethnicity.

SOURCE: U.S. Department of Commerce, Census Bureau, 2016 American Community Survey (ACS) 1-Year Public Use Microdata Sample (PUMS) data. (This table was prepared May 2018.)

**Table 104.88. Rates of high school completion and bachelor's degree attainment among persons age 25 and over, by sex and state: 2016**  
[Standard errors appear in parentheses]

State	Number of persons age 25 and over (in thousands)			Percent with high school completion <sup>1</sup> or higher			Percent with bachelor's or higher degree		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
1	2	3	4	5	6	7	8	9	10
<b>United States .....</b>	<b>218,558 (52.1)</b>	<b>105,463 (31.2)</b>	<b>113,095 (32.8)</b>	<b>87.4 (0.04)</b>	<b>86.7 (0.05)</b>	<b>88.1 (0.05)</b>	<b>31.3 (0.06)</b>	<b>30.9 (0.07)</b>	<b>31.7 (0.08)</b>
Alabama .....	3,300 (4.4)	1,558 (3.5)	1,742 (3.4)	84.9 (0.29)	83.3 (0.38)	86.3 (0.35)	24.7 (0.30)	24.5 (0.39)	24.9 (0.37)
Alaska .....	478 (2.2)	245 (2.3)	233 (1.8)	92.5 (0.49)	92.5 (0.75)	92.5 (0.83)	29.3 (1.04)	26.4 (1.24)	32.3 (1.30)
Arizona .....	4,632 (3.3)	2,262 (3.0)	2,370 (2.8)	86.8 (0.20)	86.1 (0.29)	87.4 (0.24)	28.7 (0.25)	28.8 (0.29)	28.6 (0.35)
Arkansas .....	1,990 (3.3)	953 (2.6)	1,037 (2.5)	85.8 (0.32)	84.6 (0.44)	86.9 (0.38)	22.1 (0.41)	21.2 (0.51)	22.9 (0.49)
California .....	26,311 (8.3)	12,852 (6.6)	13,459 (5.6)	82.4 (0.09)	82.2 (0.13)	82.6 (0.11)	33.0 (0.12)	33.0 (0.16)	32.9 (0.14)
Colorado .....	3,744 (3.6)	1,863 (3.2)	1,881 (2.8)	91.4 (0.18)	90.9 (0.28)	91.9 (0.23)	40.0 (0.29)	39.5 (0.42)	40.4 (0.36)
Connecticut .....	2,470 (2.5)	1,176 (2.4)	1,294 (2.0)	90.7 (0.25)	90.4 (0.35)	90.9 (0.36)	38.8 (0.29)	38.5 (0.42)	39.1 (0.43)
Delaware .....	664 (1.4)	316 (1.1)	348 (1.2)	89.7 (0.49)	88.2 (0.72)	91.1 (0.63)	31.7 (0.82)	31.6 (1.05)	31.8 (0.96)
District of Columbia .....	479 (1.1)	226 (1.0)	254 (0.8)	89.9 (0.61)	90.0 (0.77)	89.9 (0.74)	57.3 (0.69)	58.4 (0.99)	56.3 (0.99)
Florida .....	14,696 (7.5)	7,040 (6.0)	7,656 (6.1)	87.4 (0.11)	86.6 (0.17)	88.2 (0.14)	28.7 (0.16)	28.9 (0.20)	28.5 (0.20)
Georgia .....	6,784 (5.4)	3,211 (5.1)	3,573 (3.9)	86.5 (0.19)	85.1 (0.28)	87.7 (0.21)	30.6 (0.24)	29.6 (0.31)	31.5 (0.32)
Hawaii .....	994 (2.3)	489 (1.8)	504 (1.5)	92.3 (0.42)	92.5 (0.52)	92.1 (0.54)	33.0 (0.59)	31.7 (0.83)	34.3 (0.73)
Idaho .....	1,086 (2.2)	533 (2.0)	554 (2.0)	90.5 (0.43)	89.8 (0.53)	91.2 (0.58)	27.3 (0.54)	27.8 (0.71)	26.8 (0.80)
Illinois .....	8,672 (5.1)	4,184 (4.9)	4,488 (4.4)	88.7 (0.14)	87.9 (0.19)	89.5 (0.15)	33.8 (0.18)	33.1 (0.23)	34.5 (0.22)
Indiana .....	4,391 (4.3)	2,114 (3.8)	2,278 (3.3)	88.2 (0.21)	87.4 (0.26)	89.0 (0.28)	25.7 (0.28)	25.3 (0.36)	26.1 (0.35)
Iowa .....	2,089 (3.1)	1,021 (2.9)	1,068 (2.5)	91.6 (0.25)	90.3 (0.32)	92.8 (0.31)	28.9 (0.44)	27.7 (0.57)	30.2 (0.57)
Kansas .....	1,893 (3.7)	920 (3.3)	973 (2.6)	90.5 (0.27)	89.9 (0.33)	91.1 (0.36)	33.0 (0.45)	32.6 (0.58)	33.4 (0.55)
Kentucky .....	2,995 (3.4)	1,440 (3.4)	1,555 (2.6)	85.5 (0.28)	84.4 (0.39)	86.4 (0.35)	23.4 (0.33)	22.3 (0.39)	24.4 (0.39)
Louisiana .....	3,118 (4.8)	1,494 (4.0)	1,624 (3.1)	84.2 (0.27)	81.7 (0.39)	86.5 (0.32)	23.3 (0.31)	21.8 (0.35)	24.6 (0.45)
Maine .....	964 (1.5)	462 (1.3)	502 (1.4)	92.5 (0.36)	91.1 (0.59)	93.8 (0.50)	30.6 (0.71)	28.5 (0.89)	32.6 (0.91)
Maryland .....	4,125 (4.1)	1,948 (3.0)	2,178 (3.2)	90.2 (0.20)	89.0 (0.28)	91.3 (0.24)	39.2 (0.29)	38.9 (0.37)	39.4 (0.36)
Massachusetts .....	4,729 (3.2)	2,250 (2.8)	2,479 (2.3)	90.5 (0.19)	89.7 (0.27)	91.2 (0.21)	42.8 (0.26)	42.2 (0.35)	43.3 (0.33)
Michigan .....	6,770 (5.0)	3,266 (4.2)	3,504 (3.7)	90.4 (0.13)	89.6 (0.19)	91.1 (0.18)	28.2 (0.24)	28.0 (0.28)	28.4 (0.31)
Minnesota .....	3,740 (4.9)	1,835 (4.6)	1,905 (3.8)	92.9 (0.18)	92.4 (0.26)	93.3 (0.26)	34.4 (0.33)	34.0 (0.42)	34.9 (0.43)
Mississippi .....	1,957 (3.7)	918 (2.8)	1,039 (2.5)	84.0 (0.31)	82.0 (0.48)	85.8 (0.40)	21.9 (0.42)	19.7 (0.52)	23.9 (0.49)
Missouri .....	4,122 (5.4)	1,979 (4.0)	2,143 (2.9)	89.7 (0.22)	89.3 (0.28)	90.1 (0.30)	28.6 (0.32)	27.7 (0.37)	29.4 (0.41)
Montana .....	711 (2.1)	352 (1.9)	359 (1.6)	92.4 (0.45)	91.3 (0.65)	93.4 (0.51)	31.3 (0.79)	29.6 (0.90)	33.0 (1.00)
Nebraska .....	1,247 (3.2)	614 (2.5)	633 (2.3)	90.8 (0.36)	89.5 (0.50)	92.0 (0.46)	32.3 (0.58)	30.8 (0.70)	33.8 (0.73)
Nevada .....	2,007 (2.6)	997 (1.8)	1,011 (1.9)	86.0 (0.33)	85.7 (0.39)	86.3 (0.44)	23.4 (0.41)	22.9 (0.47)	23.8 (0.52)
New Hampshire .....	948 (1.7)	465 (1.7)	483 (1.3)	93.0 (0.37)	91.6 (0.52)	94.4 (0.42)	36.7 (0.65)	35.5 (0.87)	37.8 (0.79)
New Jersey .....	6,167 (3.4)	2,944 (3.1)	3,224 (2.8)	89.2 (0.15)	88.7 (0.23)	89.6 (0.19)	38.7 (0.24)	38.6 (0.33)	38.8 (0.29)
New Mexico .....	1,390 (3.4)	678 (2.5)	712 (2.4)	85.6 (0.42)	85.1 (0.57)	86.2 (0.56)	27.4 (0.50)	26.8 (0.61)	27.9 (0.66)
New York .....	13,662 (6.8)	6,494 (5.7)	7,168 (5.5)	86.3 (0.12)	85.8 (0.15)	86.7 (0.17)	35.7 (0.17)	34.6 (0.20)	36.6 (0.24)
North Carolina .....	6,879 (7.0)	3,256 (4.9)	3,623 (5.2)	87.2 (0.17)	85.7 (0.26)	88.6 (0.19)	30.5 (0.22)	29.8 (0.28)	31.0 (0.27)
North Dakota .....	499 (1.9)	255 (2.0)	244 (1.5)	91.2 (0.56)	90.1 (0.81)	92.5 (0.68)	29.2 (0.94)	25.1 (1.16)	33.4 (1.21)
Ohio .....	7,924 (4.8)	3,807 (4.5)	4,117 (3.9)	90.1 (0.15)	89.5 (0.22)	90.6 (0.19)	27.8 (0.19)	27.5 (0.24)	28.0 (0.26)
Oklahoma .....	2,573 (3.5)	1,249 (3.3)	1,324 (3.3)	87.9 (0.24)	87.1 (0.33)	88.8 (0.35)	25.5 (0.39)	24.8 (0.57)	26.2 (0.45)
Oregon .....	2,856 (3.5)	1,393 (2.7)	1,463 (2.9)	90.3 (0.22)	89.7 (0.33)	90.9 (0.26)	32.6 (0.35)	32.0 (0.45)	33.1 (0.43)
Pennsylvania .....	8,930 (6.6)	4,294 (6.4)	4,636 (4.8)	89.9 (0.17)	89.5 (0.22)	90.3 (0.19)	30.8 (0.23)	30.7 (0.30)	31.0 (0.25)
Rhode Island .....	733 (1.0)	346 (1.1)	386 (1.1)	88.4 (0.47)	88.6 (0.59)	88.2 (0.61)	34.4 (0.70)	33.8 (1.01)	35.0 (0.89)
South Carolina .....	3,388 (3.5)	1,600 (3.0)	1,788 (2.0)	86.6 (0.26)	85.4 (0.37)	87.7 (0.33)	27.5 (0.31)	26.8 (0.40)	28.1 (0.39)
South Dakota .....	565 (1.7)	280 (1.5)	286 (1.5)	91.4 (0.49)	90.2 (0.68)	92.6 (0.67)	29.6 (0.95)	27.0 (1.26)	32.2 (1.19)
Tennessee .....	4,530 (4.0)	2,158 (3.4)	2,371 (3.0)	86.9 (0.20)	85.7 (0.27)	88.0 (0.26)	26.2 (0.22)	25.4 (0.32)	26.8 (0.28)
Texas .....	17,791 (8.8)	8,664 (6.8)	9,128 (6.1)	82.9 (0.14)	82.3 (0.17)	83.6 (0.17)	28.9 (0.15)	28.9 (0.20)	28.9 (0.17)
Utah .....	1,783 (3.2)	886 (3.0)	897 (2.5)	91.9 (0.27)	91.5 (0.36)	92.3 (0.35)	32.4 (0.49)	34.5 (0.64)	30.3 (0.67)
Vermont .....	439 (1.3)	212 (1.5)	228 (1.1)	91.9 (0.67)	90.0 (1.07)	93.6 (0.71)	36.1 (1.17)	34.2 (1.44)	37.9 (1.32)
Virginia .....	5,724 (5.5)	2,754 (4.1)	2,970 (4.4)	89.1 (0.16)	88.3 (0.21)	89.9 (0.21)	38.1 (0.27)	37.8 (0.34)	38.5 (0.33)
Washington .....	5,002 (3.9)	2,463 (3.4)	2,539 (3.4)	90.7 (0.17)	90.3 (0.21)	91.2 (0.22)	34.9 (0.26)	35.1 (0.31)	34.7 (0.36)
West Virginia .....	1,292 (2.1)	627 (2.0)	665 (1.6)	86.2 (0.44)	84.4 (0.57)	87.8 (0.56)	21.1 (0.52)	20.5 (0.58)	21.7 (0.66)
Wisconsin .....	3,935 (4.2)	1,926 (4.1)	2,008 (3.6)	92.2 (0.21)	91.3 (0.31)	93.1 (0.26)	29.8 (0.33)	28.2 (0.41)	31.4 (0.39)
Wyoming .....	391 (1.7)	199 (1.4)	192 (1.3)	93.2 (0.53)	93.0 (0.74)	93.5 (0.66)	26.5 (0.94)	25.5 (1.12)	27.6 (1.22)

<sup>1</sup>Includes completion of high school through equivalency programs, such as a GED program. NOTE: Data are based on sample surveys of the entire population in the given age range residing within the United States, including both noninstitutionalized persons (e.g., those living in households, college housing, or military housing located within the United States)

and institutionalized persons (e.g., those living in prisons, nursing facilities, or other health-care facilities). Detail may not sum to totals because of rounding. SOURCE: U.S. Department of Commerce, Census Bureau, 2016 American Community Survey (ACS) 1-Year Public Use Microdata Sample (PUMS) data. (This table was prepared May 2018.)

**Table 105.10. Projected number of participants in educational institutions, by level and control of institution: Fall 2017**  
 [In millions]

Participants	All levels (elementary, secondary, and degree-granting postsecondary)	Elementary and secondary schools			Degree-granting postsecondary institutions		
		Total	Public	Private	Total	Public	Private
1	2	3	4	5	6	7	8
<b>Total .....</b>	<b>86.4</b>	<b>63.6</b>	<b>57.0</b>	<b>6.6</b>	<b>22.8</b>	<b>16.7</b>	<b>6.1</b>
Enrollment .....	76.4	56.5	50.6	5.9	19.8	14.7	5.1
Teachers and faculty .....	4.6	3.6	3.2	0.4	1.1	0.7	0.4
Other professional, administrative, and support staff .....	5.5	3.5	3.2	0.3	1.9	1.3	0.6

NOTE: Includes enrollments in local public school systems and in most private schools (religiously affiliated and nonsectarian). Excludes federal Bureau of Indian Education schools and Department of Defense schools. Excludes private preprimary enrollment in schools that do not offer kindergarten or above. Degree-granting institutions grant associate's or higher degrees and participate in Title IV federal financial aid programs. Data for teachers and other staff in public and private elementary and secondary schools and colleges and universities are reported in terms of full-time equivalents. Detail may not sum to totals because of rounding.

SOURCE: U.S. Department of Education, National Center for Education Statistics, National Elementary and Secondary Enrollment Projection Model, 1972 through 2027; Enrollment in Degree-Granting Institutions Projection Model, 2000 through 2027; Elementary and Secondary Teacher Projection Model, 1973 through 2027; and unpublished projections and estimates. (This table was prepared April 2018.)

**Table 105.20. Enrollment in elementary, secondary, and degree-granting postsecondary institutions, by level and control of institution, enrollment level, and attendance status and sex of student: Selected years, fall 1990 through fall 2027**  
[In thousands]

Level and control of institution, enrollment level, and attendance status and sex of student	Actual				Projected											
	1990	2000	2010	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
<b>All levels.....</b>	<b>60,683</b>	<b>68,685</b>	<b>75,886</b>	<b>76,177</b> <sup>1</sup>	<b>76,249</b>	<b>76,358</b>	<b>76,542</b>	<b>76,767</b>	<b>77,008</b>	<b>77,259</b>	<b>77,501</b>	<b>77,758</b>	<b>77,992</b>	<b>78,178</b>	<b>78,404</b>	<b>78,692</b>
<b>Elementary and secondary schools<sup>2</sup>.....</b>	<b>46,864</b>	<b>53,373</b>	<b>54,867</b>	<b>56,189</b> <sup>1</sup>	<b>56,408</b>	<b>56,527</b>	<b>56,618</b>	<b>56,753</b>	<b>56,961</b>	<b>57,175</b>	<b>57,371</b>	<b>57,572</b>	<b>57,733</b>	<b>57,844</b>	<b>57,987</b>	<b>58,239</b>
Public.....	41,217	47,204	49,484	50,438 <sup>1</sup>	50,580	50,649	50,701	50,803	50,971	51,146	51,317	51,488	51,619	51,712	51,833	52,059
Private.....	5,648 <sup>3</sup>	6,169 <sup>3</sup>	5,382 <sup>3</sup>	5,751 <sup>3</sup>	5,829	5,878	5,917	5,951	5,989	6,029	6,054	6,084	6,114	6,132	6,154	6,180
Prekindergarten to grade 8 ...	34,388	38,592	38,708	39,692 <sup>1</sup>	39,837	39,898	39,960	40,057	40,111	40,115	40,166	40,343	40,534	40,730	40,960	41,201
Public <sup>4</sup> .....	29,876	33,686	34,625	35,388 <sup>1</sup>	35,504	35,551	35,606	35,683	35,717	35,711	35,745	35,902	36,071	36,245	36,451	36,668
Private.....	4,512 <sup>3</sup>	4,906 <sup>3</sup>	4,084 <sup>3</sup>	4,304 <sup>3</sup>	4,334	4,347	4,355	4,374	4,394	4,405	4,420	4,441	4,463	4,485	4,509	4,533
Grades 9 to 12.....	12,476	14,781	16,159	16,496	16,571	16,629	16,658	16,696	16,850	17,060	17,206	17,229	17,199	17,114	17,027	17,038
Public <sup>4,5</sup> .....	11,341	13,517	14,860	15,050	15,076	15,097	15,095	15,120	15,254	15,435	15,572	15,585	15,549	15,467	15,382	15,391
Private.....	1,136 <sup>3</sup>	1,264 <sup>3</sup>	1,299 <sup>3</sup>	1,446 <sup>3</sup>	1,495	1,531	1,563	1,576	1,596	1,624	1,634	1,643	1,651	1,647	1,645	1,646
<b>Degree-granting postsecondary institutions.....</b>	<b>13,819</b>	<b>15,312</b>	<b>21,019</b>	<b>19,988</b>	<b>19,841</b> <sup>6</sup>	<b>19,831</b>	<b>19,924</b>	<b>20,014</b>	<b>20,047</b>	<b>20,085</b>	<b>20,129</b>	<b>20,186</b>	<b>20,259</b>	<b>20,334</b>	<b>20,417</b>	<b>20,453</b>
Undergraduate.....	11,959	13,155	18,082	17,047	16,869 <sup>6</sup>	16,924	16,998	17,069	17,088	17,109	17,136	17,179	17,242	17,309	17,379	17,402
Full-time.....	6,976	7,923	11,457	10,603	10,431 <sup>6</sup>	10,444	10,480	10,512	10,505	10,502	10,506	10,521	10,553	10,595	10,635	10,636
Part-time.....	4,983	5,232	6,625	6,444	6,439 <sup>6</sup>	6,480	6,518	6,557	6,583	6,607	6,630	6,658	6,689	6,714	6,743	6,766
Male.....	5,380	5,778	7,836	7,502	7,414 <sup>6</sup>	7,409	7,437	7,466	7,472	7,477	7,486	7,503	7,528	7,557	7,589	7,599
Female.....	6,579	7,377	10,246	9,544	9,455 <sup>6</sup>	9,515	9,561	9,602	9,616	9,633	9,650	9,676	9,714	9,752	9,790	9,803
2-year.....	5,240	5,948	7,684	6,499	6,090 <sup>6</sup>	6,628	6,664	6,697	6,706	6,716	6,733	6,755	6,782	6,810	6,839	6,848
4-year.....	6,719	7,207	10,399	10,547	10,779 <sup>6</sup>	10,296	10,334	10,371	10,382	10,393	10,404	10,424	10,460	10,499	10,540	10,554
Public.....	9,710	10,539	13,703	13,151	13,141 <sup>6</sup>	13,316	13,376	13,434	13,450	13,468	13,491	13,527	13,578	13,630	13,686	13,706
Private.....	2,250	2,616	4,379	3,896	3,728 <sup>6</sup>	3,608	3,622	3,635	3,638	3,641	3,645	3,652	3,664	3,678	3,693	3,697
Postbaccalaureate.....	1,860	2,157	2,937	2,942	2,972 <sup>6</sup>	2,907	2,926	2,945	2,960	2,975	2,993	3,008	3,017	3,026	3,039	3,051
Full-time.....	845	1,087	1,630	1,684	1,696 <sup>6</sup>	1,641	1,648	1,654	1,659	1,664	1,671	1,676	1,676	1,678	1,683	1,688
Part-time.....	1,015	1,070	1,307	1,257	1,276 <sup>6</sup>	1,266	1,278	1,291	1,301	1,312	1,322	1,332	1,340	1,347	1,356	1,363
Male.....	904	944	1,209	1,222	1,221 <sup>6</sup>	1,228	1,238	1,247	1,254	1,262	1,270	1,277	1,281	1,285	1,291	1,297
Female.....	955	1,213	1,728	1,720	1,750 <sup>6</sup>	1,679	1,688	1,698	1,705	1,714	1,723	1,731	1,736	1,740	1,747	1,754

<sup>1</sup>Includes imputations for public school prekindergarten enrollment in California and Oregon.  
<sup>2</sup>Includes enrollments in local public school systems and in most private schools (religiously affiliated and nonsectarian). Excludes homeschooled children who were not also enrolled in public and private schools. Private elementary enrollment includes preprimary students in schools offering kindergarten or higher grades.  
<sup>3</sup>Estimated.  
<sup>4</sup>Includes prorated proportion of students classified as ungraded. The total ungraded counts of students were prorated to the elementary level (prekindergarten to grade 8) and the secondary level (grades 9 to 12) based on prior reports.  
<sup>5</sup>In addition to students in grades 9 to 12 and ungraded secondary students, includes a small number of students reported as being enrolled in grade 13.  
<sup>6</sup>Data are actual.  
NOTE: Postsecondary data for 1990 are for institutions of higher education, while later data are for degree-granting institutions. Degree-granting institutions grant associate's or higher

degrees and participate in Title IV federal financial aid programs. The degree-granting classification is very similar to the earlier higher education classification, but it includes more 2-year colleges and excludes a few higher education institutions that did not grant degrees. Detail may not sum to totals because of rounding. Some data have been revised from previously published figures.  
SOURCE: U.S. Department of Education, National Center for Education Statistics, Common Core of Data (CCD), "State Nonfiscal Survey of Public Elementary and Secondary Education," 1990-91 through 2015-16; Private School Universe Survey (PSS), 1995-96 through 2015-16; National Elementary and Secondary Enrollment Projection Model, 1972 through 2027; Integrated Postsecondary Education Data System (IPEDS), "Fall Enrollment Survey" (IPEDS-EF:90-99); IPEDS Spring 2001 through Spring 2017, Fall Enrollment component; and Enrollment in Degree-Granting Institutions Projection Model, 2000 through 2027. (This table was prepared March 2018.)

**Table 105.30. Enrollment in elementary, secondary, and degree-granting postsecondary institutions, by level and control of institution: Selected years, 1869–70 through fall 2027**

[In thousands]

Year	Total enrollment, all levels	Elementary and secondary, total	Public elementary and secondary schools			Private elementary and secondary schools <sup>1</sup>			Degree-granting postsecondary institutions <sup>2</sup>		
			Total	Prekindergarten through grade 8	Grades 9 through 12	Total	Prekindergarten through grade 8	Grades 9 through 12	Total	Public	Private
1	2	3	4	5	6	7	8	9	10	11	12
1869–70.....	—	—	6,872	6,792	80	—	—	—	52	—	—
1879–80.....	—	—	9,868	9,757	110	—	—	—	116	—	—
1889–90.....	14,491	14,334	12,723	12,520	203	1,611	1,516	95	157	—	—
1899–1900.....	17,092	16,855	15,503	14,984	519	1,352	1,241	111	238	—	—
1909–10.....	19,728	19,372	17,814	16,899	915	1,558	1,441	117	355	—	—
1919–20.....	23,876	23,278	21,578	19,378	2,200	1,699	1,486	214	598	—	—
1929–30.....	29,430	28,329	25,678	21,279	4,399	2,651	2,310	341	1,101	—	—
1939–40.....	29,539	28,045	25,434	18,832	6,601	2,611	2,153	458	1,494	797	698
1949–50.....	31,151	28,492	25,111	19,387	5,725	3,380	2,708	672	2,659	1,355	1,304
Fall 1959.....	44,497	40,857	35,182	26,911	8,271	5,675	4,640	1,035	3,640	2,181	1,459
Fall 1969.....	59,055	51,050	45,550	32,513	13,037	5,500 <sup>3</sup>	4,200 <sup>3</sup>	1,300 <sup>3</sup>	8,005	5,897	2,108
Fall 1979.....	58,221	46,651	41,651	28,034	13,616	5,000 <sup>3</sup>	3,700 <sup>3</sup>	1,300 <sup>3</sup>	11,570	9,037	2,533
Fall 1985.....	57,226	44,979	39,422	27,034	12,388	5,557	4,195	1,362	12,247	9,479	2,768
Fall 1990.....	60,683	46,864	41,217	29,876	11,341	5,648 <sup>3</sup>	4,512 <sup>3</sup>	1,136 <sup>3</sup>	13,819	10,845	2,974
Fall 1991.....	62,087	47,728	42,047	30,503	11,544	5,681	4,550	1,131	14,359	11,310	3,049
Fall 1992.....	63,181	48,694	42,823	31,086	11,737	5,870 <sup>3</sup>	4,746 <sup>3</sup>	1,125 <sup>3</sup>	14,487	11,385	3,103
Fall 1993.....	63,837	49,532	43,465	31,502	11,963	6,067	4,950	1,118	14,305	11,189	3,116
Fall 1994.....	64,385	50,106	44,111	31,896	12,215	5,994 <sup>3</sup>	4,856 <sup>3</sup>	1,138 <sup>3</sup>	14,279	11,134	3,145
Fall 1995.....	65,020	50,759	44,840	32,338	12,502	5,918	4,756	1,163	14,262	11,092	3,169
Fall 1996.....	65,911	51,544	45,611	32,762	12,849	5,933 <sup>3</sup>	4,755 <sup>3</sup>	1,178 <sup>3</sup>	14,368	11,120	3,247
Fall 1997.....	66,574	52,071	46,127	33,071	13,056	5,944	4,759	1,185	14,502	11,196	3,306
Fall 1998.....	67,033	52,526	46,539	33,344	13,195	5,988 <sup>3</sup>	4,776 <sup>3</sup>	1,212 <sup>3</sup>	14,507	11,138	3,369
Fall 1999.....	67,725	52,875	46,857	33,486	13,371	6,018	4,789	1,229	14,850	11,376	3,474
Fall 2000.....	68,685	53,373	47,204	33,686	13,517	6,169 <sup>3</sup>	4,906 <sup>3</sup>	1,264 <sup>3</sup>	15,312	11,753	3,560
Fall 2001.....	69,920	53,992	47,672	33,936	13,736	6,320	5,023	1,296	15,928	12,233	3,695
Fall 2002.....	71,015	54,403	48,183	34,114	14,069	6,220 <sup>3</sup>	4,915 <sup>3</sup>	1,306 <sup>3</sup>	16,612	12,752	3,860
Fall 2003.....	71,551	54,639	48,540	34,201	14,339	6,099	4,788	1,311	16,911	12,859	4,053
Fall 2004.....	72,154	54,882	48,795	34,178	14,618	6,087 <sup>3</sup>	4,756 <sup>3</sup>	1,331 <sup>3</sup>	17,272	12,980	4,292
Fall 2005.....	72,674	55,187	49,113	34,204	14,909	6,073	4,724	1,349	17,487	13,022	4,466
Fall 2006.....	73,066	55,307	49,316	34,235	15,081	5,991 <sup>3</sup>	4,631 <sup>3</sup>	1,360 <sup>3</sup>	17,759	13,180	4,579
Fall 2007.....	73,449	55,201	49,291	34,204	15,086	5,910	4,546	1,364	18,248	13,491	4,757
Fall 2008.....	74,076	54,973	49,266	34,286	14,980	5,707 <sup>3</sup>	4,365 <sup>3</sup>	1,342 <sup>3</sup>	19,103	13,972	5,131
Fall 2009.....	75,163	54,849	49,361	34,409	14,952	5,488	4,179	1,309	20,314	14,811	5,503
Fall 2010.....	75,886	54,867	49,484	34,625	14,860	5,382 <sup>3</sup>	4,084 <sup>3</sup>	1,299 <sup>3</sup>	21,019	15,142	5,877
Fall 2011.....	75,800	54,790	49,522	34,773	14,749	5,268	3,977	1,291	21,011	15,116	5,894
Fall 2012.....	75,748	55,104	49,771	35,018	14,753	5,333 <sup>3</sup>	4,031 <sup>3</sup>	1,302 <sup>3</sup>	20,644	14,885	5,760
Fall 2013.....	75,817	55,440	50,045	35,251	14,794	5,396	4,084	1,312	20,377	14,747	5,630
Fall 2014.....	76,097	55,888	50,313	35,370	14,943	5,575 <sup>3</sup>	4,202 <sup>3</sup>	1,373 <sup>3</sup>	20,209	14,655	5,554
Fall 2015.....	76,177 <sup>4</sup>	56,189 <sup>4</sup>	50,438 <sup>4</sup>	35,388 <sup>4</sup>	15,050	5,751	4,304	1,446	19,988	14,573	5,415
Fall 2016 <sup>5</sup> .....	76,249	56,408	50,580	35,504	15,076	5,829	4,334	1,495	19,841	14,583	5,258
Fall 2017 <sup>5</sup> .....	76,358	56,527	50,649	35,551	15,097	5,878	4,347	1,531	19,831	14,728	5,103
Fall 2018 <sup>5</sup> .....	76,542	56,618	50,701	35,606	15,095	5,917	4,355	1,563	19,924	14,797	5,126
Fall 2019 <sup>5</sup> .....	76,767	56,753	50,803	35,683	15,120	5,951	4,374	1,576	20,014	14,865	5,149
Fall 2020 <sup>5</sup> .....	77,008	56,961	50,971	35,717	15,254	5,989	4,394	1,596	20,047	14,888	5,159
Fall 2021 <sup>5</sup> .....	77,259	57,175	51,146	35,711	15,435	6,029	4,405	1,624	20,085	14,914	5,171
Fall 2022 <sup>5</sup> .....	77,501	57,371	51,317	35,745	15,572	6,054	4,420	1,634	20,129	14,946	5,183
Fall 2023 <sup>5</sup> .....	77,758	57,572	51,488	35,902	15,585	6,084	4,441	1,643	20,186	14,989	5,198
Fall 2024 <sup>5</sup> .....	77,992	57,733	51,619	36,071	15,549	6,114	4,463	1,651	20,259	15,044	5,215
Fall 2025 <sup>5</sup> .....	78,178	57,844	51,712	36,245	15,467	6,132	4,485	1,647	20,334	15,101	5,233
Fall 2026 <sup>5</sup> .....	78,404	57,987	51,833	36,451	15,382	6,154	4,509	1,645	20,417	15,163	5,254
Fall 2027 <sup>5</sup> .....	78,692	58,239	52,059	36,668	15,391	6,180	4,533	1,646	20,453	15,189	5,265

—Not available.

<sup>1</sup>Beginning in fall 1985, data include estimates for an expanded universe of private schools. Therefore, direct comparisons with earlier years should be avoided.

<sup>2</sup>Data for 1869–70 through 1949–50 include resident degree-credit students enrolled at any time during the academic year. Beginning in 1959, data include all resident and extension students enrolled at the beginning of the fall term.

<sup>3</sup>Estimated.

<sup>4</sup>Includes imputations for public school prekindergarten enrollment in California and Oregon.

<sup>5</sup>Projected data. Fall 2016 data for degree-granting institutions are actual.

NOTE: Data for 1869–70 through 1949–50 reflect enrollment for the entire school year. Elementary and secondary enrollment includes students in local public school systems and in most private schools (religiously affiliated and nonsectarian), but generally excludes home-schooled children and students in subcollegiate departments of colleges and in federal schools. Excludes preprimary students in private schools that do not offer kindergarten or higher grades. Postsecondary data through 1995 are for institutions of higher education, while later data are for degree-granting institutions. Degree-granting institutions grant associate's or higher degrees and participate in Title IV federal financial aid programs. The degree-granting classification is very similar to the earlier higher education classification, but it

includes more 2-year colleges and excludes a few higher education institutions that did not grant degrees. Some data have been revised from previously published figures. Detail may not sum to totals because of rounding.

SOURCE: U.S. Department of Education, National Center for Education Statistics, *Annual Report of the Commissioner of Education, 1870 to 1910; Biennial Survey of Education in the United States, 1919–20 through 1949–50; Statistics of Public Elementary and Secondary School Systems, 1959 through 1979; Statistics of Nonpublic Elementary and Secondary Schools, 1959 through 1980; 1985–86 Private School Survey; Common Core of Data (CCD), "State Nonfiscal Survey of Public Elementary and Secondary Education," 1985–86 through 2015–16; Private School Universe Survey (PSS), 1991–92 through 2015–16; National Elementary and Secondary Enrollment Projection Model, 1972 through 2027; Opening (Fall) Enrollment in Higher Education, 1959; Higher Education General Information Survey (HEGIS), "Fall Enrollment in Institutions of Higher Education" surveys, 1969, 1979, and 1985; Integrated Postsecondary Education Data System (IPEDS), "Fall Enrollment Survey" (IPEDS-EF:90–99); IPEDS Spring 2001 through Spring 2017, "Fall Enrollment component; and Enrollment in Degree-Granting Institutions Projection Model, 2000 through 2027. (This table was prepared March 2018.)*

**Table 105.40. Number of teachers in elementary and secondary schools, and faculty in degree-granting postsecondary institutions, by control of institution: Selected years, fall 1970 through fall 2027**  
[In thousands]

Year	All levels			Elementary and secondary teachers <sup>1</sup>			Degree-granting institutions instructional staff <sup>2</sup>		
	Total	Public	Private	Total	Public	Private	Total	Public	Private
1	2	3	4	5	6	7	8	9	10
1970.....	2,766	2,373	393	2,292	2,059	233	474	314	160
1975.....	3,081	2,641	440	2,453	2,198	255 <sup>3</sup>	628	443	185
1980.....	3,171	2,679	492	2,485	2,184	301	686 <sup>3,4</sup>	495 <sup>3,4</sup>	191 <sup>3,4</sup>
1981.....	3,145	2,636	509	2,440	2,127	313 <sup>3</sup>	705	509	196
1982.....	3,168	2,639	529	2,458	2,133	325 <sup>3</sup>	710 <sup>3,4</sup>	506 <sup>3,4</sup>	204 <sup>3,4</sup>
1983.....	3,200	2,651	549	2,476	2,139	337	724	512	212
1984.....	3,225	2,673	552	2,508	2,168	340 <sup>3</sup>	717 <sup>3,4</sup>	505 <sup>3,4</sup>	212 <sup>3,4</sup>
1985.....	3,264	2,709	555	2,549	2,206	343	715 <sup>3,4</sup>	503 <sup>3,4</sup>	212 <sup>3,4</sup>
1986.....	3,314	2,754	560	2,592	2,244	348 <sup>3</sup>	722 <sup>3,4</sup>	510 <sup>3,4</sup>	212 <sup>3,4</sup>
1987.....	3,424	2,832	592	2,631	2,279	352	793	553	240
1988.....	3,472	2,882	590	2,668	2,323	345	804 <sup>3</sup>	559 <sup>3</sup>	245 <sup>3</sup>
1989.....	3,537	2,934	603	2,713	2,357	356	824	577	247
1990.....	3,577	2,972	604	2,759	2,398	361 <sup>3</sup>	817 <sup>3</sup>	574 <sup>3</sup>	244 <sup>3</sup>
1991.....	3,623	3,013	610	2,797	2,432	365	826	581	245
1992.....	3,700	3,080	621	2,823	2,459	364 <sup>3</sup>	877 <sup>3</sup>	621 <sup>3</sup>	257 <sup>3</sup>
1993.....	3,784	3,154	629	2,868	2,504	364	915	650	265
1994.....	3,846	3,205	640	2,922	2,552	370 <sup>3</sup>	923 <sup>3</sup>	653 <sup>3</sup>	270 <sup>3</sup>
1995.....	3,906	3,255	651	2,974	2,598	376	932	657	275
1996.....	4,006	3,339	666	3,051	2,667	384 <sup>3</sup>	954 <sup>3</sup>	672 <sup>3</sup>	282 <sup>3</sup>
1997.....	4,127	3,441	687	3,138	2,746	391	990	695	295
1998.....	4,230	3,527	703	3,230	2,830	400 <sup>3</sup>	999 <sup>3</sup>	697 <sup>3</sup>	303 <sup>3</sup>
1999.....	4,347	3,624	723	3,319	2,911	408	1,028	713	315
2000.....	4,432	3,683	750	3,366	2,941	424 <sup>3</sup>	1,067 <sup>3</sup>	741 <sup>3</sup>	325 <sup>3</sup>
2001.....	4,554	3,771	783	3,440	3,000	441	1,113	771	342
2002.....	4,631	3,829	802	3,476	3,034	442 <sup>3</sup>	1,155 <sup>3</sup>	794 <sup>3</sup>	361 <sup>3</sup>
2003.....	4,663	3,840	823	3,490	3,049	441	1,174	792	382
2004.....	4,773	3,909	863	3,536	3,091	445 <sup>3</sup>	1,237 <sup>3</sup>	818 <sup>3</sup>	418 <sup>3</sup>
2005.....	4,883	3,984	899	3,593	3,143	450	1,290	841	449
2006.....	4,944	4,021	924	3,622	3,166	456 <sup>3</sup>	1,322 <sup>3</sup>	854 <sup>3</sup>	468 <sup>3</sup>
2007.....	5,028	4,077	951	3,656	3,200	456	1,371	877	494
2008.....	5,065	4,107	958	3,670	3,222	448 <sup>3</sup>	1,395 <sup>3</sup>	885 <sup>3</sup>	510 <sup>3</sup>
2009.....	5,086	4,123	963	3,647	3,210	437	1,439	914	525
2010.....	5,022	4,044	978	3,512	3,099	413 <sup>3</sup>	1,510 <sup>3</sup>	945 <sup>3</sup>	565 <sup>3</sup>
2011.....	5,032	4,057	975	3,508	3,103	405	1,524	954	577
2012.....	5,049	4,067	981	3,517	3,109	408 <sup>3</sup>	1,531 <sup>3</sup>	958 <sup>3</sup>	573 <sup>3</sup>
2013.....	5,101	4,082	1,018	3,555	3,114	441	1,545	969	577
2014.....	5,146	4,102	1,044	3,594	3,132	461 <sup>3</sup>	1,552 <sup>3</sup>	970 <sup>3</sup>	582 <sup>3</sup>
2015.....	5,185	4,122	1,063	3,633	3,151	482	1,552	971	581
2016 <sup>5</sup> .....	5,154	4,103	1,051	3,605	3,126	479	1,549	977	572
2017 <sup>6</sup> .....	—	—	—	3,636	3,154	483	—	—	—
2018 <sup>6</sup> .....	—	—	—	3,644	3,161	483	—	—	—
2019 <sup>6</sup> .....	—	—	—	3,675	3,188	487	—	—	—
2020 <sup>6</sup> .....	—	—	—	3,704	3,213	491	—	—	—
2021 <sup>6</sup> .....	—	—	—	3,737	3,242	495	—	—	—
2022 <sup>6</sup> .....	—	—	—	3,768	3,268	500	—	—	—
2023 <sup>6</sup> .....	—	—	—	3,798	3,294	504	—	—	—
2024 <sup>6</sup> .....	—	—	—	3,829	3,320	509	—	—	—
2025 <sup>6</sup> .....	—	—	—	3,859	3,346	513	—	—	—
2026 <sup>6</sup> .....	—	—	—	3,891	3,373	518	—	—	—
2027 <sup>6</sup> .....	—	—	—	3,919	3,397	522	—	—	—

—Not available.

<sup>1</sup>Includes teachers in local public school systems and in most private schools (religiously affiliated and nonsectarian). Teachers are reported in terms of full-time equivalents.

<sup>2</sup>Data through 1995 are for institutions of higher education, while later data are for degree-granting institutions. Degree-granting institutions grant associate's or higher degrees and participate in Title IV federal financial aid programs. The degree-granting classification is very similar to the earlier higher education classification, but it includes more 2-year colleges and excludes a few higher education institutions that did not grant degrees. Includes full-time and part-time faculty with the rank of instructor or above in colleges, universities, professional schools, and 2-year colleges. Excludes teaching assistants.

<sup>3</sup>Estimated.

<sup>4</sup>Inclusion of institutions is not consistent with surveys for 1987 and later years.

<sup>5</sup>Data for elementary and secondary schools are projected; data for degree-granting institutions are actual.

<sup>6</sup>Projected.

NOTE: Detail may not sum to totals because of rounding. Some data have been revised from previously published figures. Headcounts are used to report data for degree-granting institutions faculty.

SOURCE: U.S. Department of Education, National Center for Education Statistics, *Statistics of Public Elementary and Secondary Day Schools*, 1970 and 1975; Common Core of Data (CCD), "State Nonfiscal Survey of Public Elementary/Secondary Education," 1980 through 2015; Private School Universe Survey (PSS), 1989–90 through 2015–16; Elementary and Secondary Teacher Projection Model, 1973 through 2027; Higher Education General Information Survey (HEGIS), "Fall Staff" survey, 1970 and 1975; Integrated Postsecondary Education Data System (IPEDS), "Fall Staff Survey" (IPEDS-S:87-99); IPEDS Winter 2001–02 through Winter 2011–12, Human Resources component, Fall Staff section; IPEDS Spring 2014 and Spring 2017, Human Resources component, Fall Staff section; U.S. Equal Opportunity Commission, EEO-6, 1981 and 1983; and unpublished data. (This table was prepared May 2018.)

**Table 105.50. Number of educational institutions, by level and control of institution: Selected years, 1980–81 through 2015–16**

Level and control of institution	1980–81	1990–91	1999–2000	2005–06	2006–07	2007–08	2008–09	2009–10	2010–11	2011–12	2012–13	2013–14	2014–15	2015–16
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
<b>All institutions .....</b>	<b>—</b>	<b>—</b>	<b>131,414</b>	<b>138,899</b>	<b>—</b>	<b>139,207</b>	<b>—</b>	<b>138,925</b>	<b>—</b>	<b>136,423</b>	<b>—</b>	<b>139,126</b>	<b>—</b>	<b>139,874</b>
<b>Elementary and secondary schools ...</b>	<b>106,746</b>	<b>109,228</b>	<b>125,007</b>	<b>132,436</b>	<b>—</b>	<b>132,656</b>	<b>—</b>	<b>132,183</b>	<b>—</b>	<b>129,189</b>	<b>—</b>	<b>131,890</b>	<b>—</b>	<b>132,853</b>
Elementary .....	72,659	74,716	86,433	88,896	—	88,982	—	88,565	—	86,386	—	89,543	—	88,665
Secondary .....	24,856	23,602	24,903	26,925	—	27,575	—	27,427	—	27,034	—	26,767	—	26,986
Combined .....	5,202	8,847	12,197	14,964	—	14,837	—	14,895	—	14,799	—	14,599	—	16,511
Other <sup>1</sup> .....	4,029	2,063	1,474	1,651	—	1,262	—	1,296	—	971	—	981	—	691
Public schools.....	85,982	84,538	92,012	97,382	98,793	98,916	98,706	98,817	98,817	98,328	98,454	98,271	98,176	98,277
Elementary.....	59,326	59,015	64,131	66,026	66,458	67,112	67,148	67,140	67,086	66,689	66,708	67,034	67,073	66,758
Secondary.....	22,619	21,135	22,365	23,998	23,920	24,643	24,348	24,651	24,544	24,357	24,294	24,067	24,181	24,040
Combined.....	1,743	2,325	4,042	5,707	5,984	5,899	5,623	5,730	6,137	6,311	6,329	6,189	6,347	6,788
Other <sup>1</sup> .....	2,294	2,063	1,474	1,651	2,431	1,262	1,587	1,296	1,050	971	1,123	981	575	691
Private schools <sup>2</sup> .....	20,764	24,690	32,995	35,054	—	33,740	—	33,366	—	30,861	—	33,619	—	34,576
Elementary.....	13,333	15,701	22,302	22,870	—	21,870	—	21,425	—	19,697	—	22,509	—	21,907
Schools with highest grade of kindergarten.....	†	†	5,952	6,059	—	5,522	—	5,275	—	4,658	—	5,255	—	5,147
Secondary.....	2,237	2,467	2,538	2,927	—	2,932	—	2,776	—	2,677	—	2,700	—	2,946
Combined.....	3,459	6,522	8,155	9,257	—	8,938	—	9,165	—	8,488	—	8,410	—	9,723
Other <sup>1</sup> .....	1,735	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	—	( <sup>3</sup> )								
<b>Postsecondary Title IV institutions.....</b>	<b>—</b>	<b>—</b>	<b>6,407</b>	<b>6,463</b>	<b>6,536</b>	<b>6,551</b>	<b>6,632</b>	<b>6,742</b>	<b>7,021</b>	<b>7,234</b>	<b>7,253</b>	<b>7,236</b>	<b>7,151</b>	<b>7,021</b>
Public.....	—	—	2,078	2,013	2,009	2,004	1,997	1,989	2,015	2,011	1,981	1,980	1,964	1,965
Private.....	—	—	4,329	4,450	4,527	4,547	4,635	4,753	5,006	5,223	5,272	5,256	5,187	5,056
Nonprofit.....	—	—	1,936	1,866	1,848	1,815	1,809	1,809	1,812	1,830	1,820	1,834	1,827	1,859
For-profit.....	—	—	2,393	2,584	2,679	2,732	2,826	2,944	3,194	3,393	3,452	3,422	3,360	3,197
Title IV non-degree-granting institutions.....	—	—	2,323	2,187	2,222	2,199	2,223	2,247	2,422	2,528	2,527	2,512	2,524	2,438
Public.....	—	—	396	320	321	319	321	317	359	362	358	355	343	345
Private.....	—	—	1,927	1,867	1,901	1,880	1,902	1,930	2,063	2,166	2,169	2,157	2,181	2,093
Nonprofit.....	—	—	255	219	208	191	180	185	182	177	168	159	155	158
For-profit.....	—	—	1,672	1,648	1,693	1,689	1,722	1,745	1,881	1,989	2,001	1,998	2,026	1,935
Title IV degree-granting institutions.....	3,231	3,559	4,084	4,276	4,314	4,352	4,409	4,495	4,599	4,706	4,726	4,724	4,627	4,583
2-year colleges.....	1,274	1,418	1,721	1,694	1,685	1,677	1,690	1,721	1,729	1,738	1,700	1,685	1,616	1,579
Public.....	945	972	1,068	1,053	1,045	1,032	1,024	1,000	978	967	934	934	920	910
Private.....	329	446	653	641	640	645	666	721	751	771	766	751	696	669
Nonprofit.....	182	167	150	113	107	92	92	85	87	100	97	88	88	107
For-profit.....	147	279	503	528	533	553	574	636	664	671	669	663	608	562
4-year colleges.....	1,957	2,141	2,363	2,582	2,629	2,675	2,719	2,774	2,870	2,968	3,026	3,039	3,011	3,004
Public.....	552	595	614	640	643	653	652	672	678	682	689	691	701	710
Private.....	1,405	1,546	1,749	1,942	1,986	2,022	2,067	2,102	2,192	2,286	2,337	2,348	2,310	2,294
Nonprofit.....	1,387	1,482	1,531	1,534	1,533	1,532	1,537	1,539	1,543	1,553	1,555	1,587	1,584	1,594
For-profit.....	18	64	218	408	453	490	530	563	649	733	782	761	726	700

—Not available.  
†Not applicable.  
<sup>1</sup>Includes special education, alternative, and other schools not classified by grade span. Because of changes in survey definitions, figures for “other” schools are not comparable from year to year.  
<sup>2</sup>Data for 1980–81 and 1990–91 include schools with first or higher grades. Data for later years include schools with kindergarten or higher grades.  
<sup>3</sup>Included in the elementary, secondary, and combined categories.  
NOTE: Postsecondary data for 1980–81 and 1990–91 are for institutions of higher education, while later data are for Title IV degree-granting and non-degree-granting institutions. Degree-granting institutions grant associate’s or higher degrees and participate in Title IV federal financial aid programs. The degree-granting classification is very similar to the earlier higher

education classification, but it includes more 2-year colleges and excludes a few higher education institutions that did not grant degrees.  
SOURCE: U.S. Department of Education, National Center for Education Statistics, Common Core of Data (CCD), “Public Elementary/Secondary School Universe Survey,” 1989–90 through 2015–16; *Private Schools in American Education; Statistics of Public Elementary and Secondary Day Schools, 1980–81*; Schools and Staffing Survey (SASS), “Private School Data File,” 1990–91; Private School Universe Survey (PSS), 1995–96 through 2015–16; Higher Education General Information Survey (HEGIS), “Institutional Characteristics of Colleges and Universities” survey, 1980–81; Integrated Postsecondary Education Data System (IPEDS), “Institutional Characteristics Survey” (IPEDS-IC:90–99); and IPEDS Fall 2001 through Fall 2015, Institutional Characteristics component. (This table was prepared March 2018.)

**Table 106.10. Expenditures of educational institutions related to the gross domestic product, by level of institution: Selected years, 1929–30 through 2016–17**

Year	Gross domestic product (GDP) (in billions of current dollars)	School year	Expenditures for education in current dollars					
			All educational institutions		All elementary and secondary schools		All degree-granting postsecondary institutions	
			Amount (in millions)	As a percent of GDP	Amount (in millions)	As a percent of GDP	Amount (in millions)	As a percent of GDP
1	2	3	4	5	6	7	8	9
1929.....	\$104.6	1929–30	—	—	—	—	\$632	0.6
1939.....	93.5	1939–40	—	—	—	—	758	0.8
1949.....	272.8	1949–50	\$8,494	3.1	\$6,249	2.3	2,246	0.8
1959.....	522.5	1959–60	22,314	4.3	16,713	3.2	5,601	1.1
1961.....	563.3	1961–62	26,828	4.8	19,673	3.5	7,155	1.3
1963.....	638.6	1963–64	32,003	5.0	22,825	3.6	9,178	1.4
1965.....	743.7	1965–66	40,558	5.5	28,048	3.8	12,509	1.7
1967.....	861.7	1967–68	51,558	6.0	35,077	4.1	16,481	1.9
1969.....	1,019.9	1969–70	64,227	6.3	43,183	4.2	21,043	2.1
1970.....	1,075.9	1970–71	71,575	6.7	48,200	4.5	23,375	2.2
1971.....	1,167.8	1971–72	76,510	6.6	50,950	4.4	25,560	2.2
1972.....	1,282.4	1972–73	82,908	6.5	54,952	4.3	27,956	2.2
1973.....	1,428.5	1973–74	91,084	6.4	60,370	4.2	30,714	2.2
1974.....	1,548.8	1974–75	103,903	6.7	68,846	4.4	35,058	2.3
1975.....	1,688.9	1975–76	114,004	6.8	75,101	4.4	38,903	2.3
1976.....	1,877.6	1976–77	121,793	6.5	79,194	4.2	42,600	2.3
1977.....	2,086.0	1977–78	132,515	6.4	86,544	4.1	45,971	2.2
1978.....	2,356.6	1978–79	143,733	6.1	93,012	3.9	50,721	2.2
1979.....	2,632.1	1979–80	160,075	6.1	103,162	3.9	56,914	2.2
1980.....	2,862.5	1980–81	176,378	6.2	112,325	3.9	64,053	2.2
1981.....	3,211.0	1981–82	190,825	5.9	120,486	3.8	70,339	2.2
1982.....	3,345.0	1982–83	204,661	6.1	128,725	3.8	75,936	2.3
1983.....	3,638.1	1983–84	220,993	6.1	139,000	3.8	81,993	2.3
1984.....	4,040.7	1984–85	239,351	5.9	149,400	3.7	89,951	2.2
1985.....	4,346.7	1985–86	259,336	6.0	161,800	3.7	97,536	2.2
1986.....	4,590.2	1986–87	280,964	6.1	175,200	3.8	105,764	2.3
1987.....	4,870.2	1987–88	301,786	6.2	187,999	3.9	113,787	2.3
1988.....	5,252.6	1988–89	333,245	6.3	209,377	4.0	123,867	2.4
1989.....	5,657.7	1989–90	365,825	6.5	231,170	4.1	134,656	2.4
1990.....	5,979.6	1990–91	395,318	6.6	249,230	4.2	146,088	2.4
1991.....	6,174.0	1991–92	417,944	6.8	261,755	4.2	156,189	2.5
1992.....	6,539.3	1992–93	439,676	6.7	274,435	4.2	165,241	2.5
1993.....	6,878.7	1993–94	460,756	6.7	287,407	4.2	173,351	2.5
1994.....	7,308.8	1994–95	485,169	6.6	302,200	4.1	182,969	2.5
1995.....	7,664.1	1995–96	508,523	6.6	318,046	4.1	190,476	2.5
1996.....	8,100.2	1996–97	538,854	6.7	338,951	4.2	199,903 <sup>1</sup>	2.5
1997.....	8,608.5	1997–98	570,471	6.6	361,615	4.2	208,856 <sup>1</sup>	2.4
1998.....	9,089.2	1998–99	603,847	6.6	384,638	4.2	219,209	2.4
1999.....	9,660.6	1999–2000	649,322	6.7	412,538	4.3	236,784	2.5
2000.....	10,284.8	2000–01	705,017	6.9	444,811	4.3	260,206	2.5
2001.....	10,621.8	2001–02	752,780	7.1	472,064	4.4	280,715	2.6
2002.....	10,977.5	2002–03	795,691	7.2	492,807	4.5	302,884	2.8
2003.....	11,510.7	2003–04	830,293	7.2	513,542	4.5	316,751	2.8
2004.....	12,274.9	2004–05	875,988	7.1	540,969	4.4	335,019	2.7
2005.....	13,093.7	2005–06	925,246	7.1	571,669	4.4	353,577	2.7
2006.....	13,855.9	2006–07	984,034	7.1	608,495	4.4	375,539	2.7
2007.....	14,477.6	2007–08	1,054,904	7.3	646,414	4.5	408,490	2.8
2008.....	14,718.6	2008–09	1,089,683	7.4	658,926	4.5	430,757	2.9
2009.....	14,418.7	2009–10	1,100,897	7.6	654,418	4.5	446,479	3.1
2010.....	14,964.4	2010–11	1,124,352	7.5	652,356	4.4	471,997	3.2
2011.....	15,517.9	2011–12	1,136,876	7.3	648,794	4.2	488,083	3.1
2012.....	16,155.3	2012–13	1,153,674	7.1	654,813	4.1	498,861	3.1
2013.....	16,691.5	2013–14	1,193,086	7.1	676,018	4.1	517,067	3.1
2014.....	17,427.6	2014–15	1,241,626	7.1	706,135	4.1	535,491	3.1
2015.....	18,120.7	2015–16 <sup>2</sup>	1,293,000	7.1	734,000	4.1	560,000	3.1
2016.....	18,624.5	2016–17 <sup>3</sup>	1,342,000	7.2	759,000	4.1	583,000	3.1

—Not available.

<sup>1</sup>Estimated by the National Center for Education Statistics based on enrollment data for the given year and actual expenditures for prior years.

<sup>2</sup>Data for elementary and secondary education are estimated; data for degree-granting institutions are actual.

<sup>3</sup>Estimated by the National Center for Education Statistics based on teacher and enrollment data, and actual expenditures for prior years.

NOTE: Total expenditures for public elementary and secondary schools include current expenditures, interest on school debt, and capital outlay. Data for private elementary and secondary schools are estimated. Expenditures for colleges and universities in 1929–30 and 1939–40 include current-fund expenditures and additions to plant value. Public and private degree-granting institutions data for 1949–50 through 1995–96 are for current-fund expenditures. Data for private degree-granting institutions for 1996–97 and later years are for total expenditures. Data for public degree-granting institutions for 1996–97 through 2000–01 are for current expenditures; data for later years are for total expenditures. Post-

secondary data through 1995–96 are for institutions of higher education, while later data are for degree-granting institutions. Degree-granting institutions grant associate's or higher degrees and participate in Title IV federal financial aid programs. Some data have been revised from previously published figures. Detail may not sum to totals because of rounding. SOURCE: U.S. Department of Education, National Center for Education Statistics, *Biennial Survey of Education in the United States, 1929–30 through 1949–50*; *Statistics of State School Systems, 1959–60 through 1969–70*; *Revenues and Expenditures for Public Elementary and Secondary Education, 1970–71 through 1986–87*; Common Core of Data (CCD), "National Public Education Financial Survey," 1987–88 through 2014–15; Higher Education General Information Survey (HEGIS), Financial Statistics of Institutions of Higher Education, 1965–66 through 1985–86; Integrated Postsecondary Education Data System (IPEDS), "Finance Survey" (IPEDS-F:FY87–99); and IPEDS Spring 2001 through Spring 2017, Finance component. U.S. Department of Commerce, Bureau of Economic Analysis, National Income and Product Accounts Tables, retrieved March 4, 2018, from [http://www.bea.gov/iTable/index\\_nipa.cfm](http://www.bea.gov/iTable/index_nipa.cfm). (This table was prepared March 2018.)

**Table 106.20. Expenditures of educational institutions, by level and control of institution: Selected years, 1899–1900 through 2016–17**  
[In millions]

School year	Current dollars							Constant 2016–17 dollars <sup>1</sup>			
	Total	Elementary and secondary schools			Degree-granting postsecondary institutions			Total	Elementary and secondary schools		Degree-granting postsecondary institutions
		Total	Public	Private <sup>2</sup>	Total	Public	Private		Total	Public	
1	2	3	4	5	6	7	8	9	10	11	12
1899–1900.....	—	—	\$215	—	—	—	—	—	—	—	—
1909–10.....	—	—	426	—	—	—	—	—	—	—	—
1919–20.....	—	—	1,036	—	—	—	—	—	—	\$13,193	—
1929–30.....	—	—	2,317	—	\$632	\$292	\$341	—	—	32,844	\$8,963
1939–40.....	—	—	2,344	—	758	392	367	—	—	40,701	13,169
1949–50.....	\$8,494	\$6,249	5,838	\$411	2,246	1,154	1,092	\$87,033	\$64,024	59,812	23,009
1959–60.....	22,314	16,713	15,613	1,100	5,601	3,131	2,470	184,278	138,024	128,940	46,253
1969–70.....	64,227	43,183	40,683	2,500	21,043	13,250	7,794	412,573	277,398	261,339	135,175
1970–71.....	71,575	48,200	45,500	2,700	23,375	14,996	8,379	437,209	294,424	277,931	142,785
1971–72.....	76,510	50,950	48,050	2,900	25,560	16,484	9,075	451,168	300,447	283,346	150,721
1972–73.....	82,908	54,952	51,852	3,100	27,956	18,204	9,752	469,961	311,495	293,923	158,466
1973–74.....	91,084	60,370	56,970	3,400	30,714	20,336	10,377	474,039	314,193	296,498	159,846
1974–75.....	103,903	68,846	64,846	4,000	35,058	23,490	11,568	486,809	322,557	303,816	164,252
1975–76.....	114,004	75,101	70,601	4,500	38,903	26,184	12,719	498,822	328,602	308,912	170,221
1976–77.....	121,793	79,194	74,194	5,000	42,600	28,635	13,965	503,542	327,418	306,746	176,125
1977–78.....	132,515	86,544	80,844	5,700	45,971	30,725	15,246	513,397	335,295	313,211	178,102
1978–79.....	143,733	93,012	86,712	6,300	50,721	33,733	16,988	509,162	329,487	307,169	179,675
1979–80.....	160,075	103,162	95,962	7,200	56,914	37,768	19,146	500,344	322,450	299,945	177,894
1980–81.....	176,378	112,325	104,125	8,200	64,053	42,280	21,773	494,074	314,647	291,677	179,427
1981–82.....	190,825	120,486	111,186	9,300	70,339	46,219	24,120	492,040	310,671	286,691	181,369
1982–83.....	204,661	128,725	118,425	10,300	75,936	49,573	26,363	505,982	318,246	292,782	187,736
1983–84.....	220,993	139,000	127,500	11,500	81,993	53,087	28,907	526,860	331,383	303,967	195,476
1984–85.....	239,351	149,400	137,000	12,400	89,951	58,315	31,637	549,132	342,761	314,312	206,371
1985–86.....	259,336	161,800	148,600	13,200	97,536	63,194	34,342	578,305	360,805	331,370	217,499
1986–87.....	280,964	175,200	160,900	14,300	105,764	67,654	38,110	612,925	382,201	351,005	230,724
1987–88.....	301,786	187,999	172,699	15,300	113,787	72,641	41,145	632,157	393,804	361,755	238,352
1988–89.....	333,245	209,377	192,977	16,400	123,867	78,946	44,922	667,237	419,225	386,388	248,012
1989–90.....	365,825	231,170	212,770	18,400	134,656	85,771	48,885	699,111	441,777	406,614	257,334
1990–91.....	395,318	249,230	229,430	19,800	146,088	92,961	53,127	716,311	451,601	415,724	264,709
1991–92.....	417,944	261,755	241,055	20,700	156,189	98,847	57,342	733,797	459,571	423,227	274,226
1992–93.....	439,676	274,435	252,935	21,500	165,241	104,570	60,671	748,570	467,239	430,634	281,331
1993–94.....	460,757	287,407	265,307	22,100	173,351	109,310	64,041	764,655	476,969	440,292	287,686
1994–95.....	485,169	302,200	279,000	23,200	182,969	115,465	67,504	782,732	487,545	450,116	295,187
1995–96.....	508,523	318,046	293,646	24,400	190,476	119,525	70,952	798,680	499,520	461,198	299,160
1996–97.....	538,854	338,951	313,151	25,800	199,903 <sup>2</sup>	125,978	73,925 <sup>2</sup>	822,842	517,586	478,189	305,256 <sup>2</sup>
1997–98.....	570,471	361,615	334,315	27,300	208,856 <sup>2</sup>	132,846	76,010 <sup>2</sup>	855,858	542,519	501,561	313,340 <sup>2</sup>
1998–99.....	603,847	384,638	355,838	28,800	219,209	140,539	78,670	890,514	567,239	524,767	323,275
1999–2000.....	649,322	412,538	381,838	30,700	236,784	152,325	84,459	930,711	591,315	547,311	339,397
2000–01.....	705,017	444,811	410,811	34,000	260,206	170,345	89,861	977,067	616,454	569,334	360,613
2001–02.....	752,780	472,064	435,364	36,700	280,715	183,436	97,280	1,025,111	642,842	592,865	382,269
2002–03.....	795,691	492,807	454,907	37,900	302,884	197,026	105,858	1,060,246	656,657	606,156	403,589
2003–04.....	830,293	513,542	474,242	39,300	316,751	205,069	111,682	1,082,666	669,636	618,391	413,030
2004–05.....	875,988	540,969	499,569	41,400	335,019	215,794	119,225	1,108,881	684,793	632,386	424,088
2005–06.....	925,246	571,669	528,269	43,400	353,577	226,550	127,027	1,128,669	697,108	644,185	431,161
2006–07.....	984,034	608,495	562,195	46,300	375,539	238,829	136,710	1,169,707	723,309	668,273	446,398
2007–08.....	1,054,904	646,414	597,314	49,100	408,490	261,046	147,444	1,209,146	740,929	684,650	468,217
2008–09.....	1,089,683	658,926	610,326	48,600	430,757	273,019	157,739	1,231,811	744,870	689,931	486,941
2009–10.....	1,100,897	654,418	607,018	47,400	446,479	281,390	165,088	1,232,562	732,685	679,616	499,877
2010–11.....	1,124,352	652,356	604,356	48,000	471,997	296,863	175,134	1,234,043	715,999	663,316	518,044
2011–12.....	1,136,876	648,794	601,994	46,800	488,083	305,538	182,545	1,212,268	691,818	641,915	520,450
2012–13.....	1,153,874	655,013	606,813	48,200	498,861	311,421	187,439	1,210,253	687,018	636,463	523,235
2013–14.....	1,192,886	675,818	625,018	50,800	517,067	323,893	193,174	1,231,927	697,937	645,474	533,990
2014–15.....	1,241,626	706,135	651,135	55,000	535,491	335,630	199,861	1,272,992	723,974	667,585	549,018
2015–16 <sup>3</sup> .....	1,293,000	734,000	675,000	59,000	560,000	355,000	205,000	1,317,000	748,000	687,000	570,000
2016–17 <sup>4</sup> .....	1,342,000	759,000	697,000	62,000	583,000	372,000	211,000	1,342,000	759,000	697,000	583,000

—Not available.

<sup>1</sup>Constant dollars based on the Consumer Price Index, prepared by the Bureau of Labor Statistics, U.S. Department of Labor, adjusted to a school-year basis.

<sup>2</sup>Estimated by the National Center for Education Statistics based on enrollment data for the given year and actual expenditures for prior years.

<sup>3</sup>Data for elementary and secondary education are estimated; data for degree-granting institutions are actual.

<sup>4</sup>Estimated by the National Center for Education Statistics based on teacher and enrollment data, and actual expenditures for prior years.

NOTE: Total expenditures for public elementary and secondary schools include current expenditures, interest on school debt, and capital outlay. Expenditures for public and private colleges and universities in 1929–30 and 1939–40 include current-fund expenditures and additions to plant value. Public and private degree-granting institutions data for 1949–50 through 1995–96 are for current-fund expenditures. Data for private degree-granting institutions for 1996–97 and later years are for total expenditures. Data for public degree-granting institutions for 1996–97 through 2000–01 are for current expenditures; data for later years

are for total expenditures. Postsecondary data through 1995–96 are for institutions of higher education, while later data are for degree-granting institutions. Degree-granting institutions grant associate's or higher degrees and participate in Title IV federal financial aid programs. Some data have been revised from previously published figures. Detail may not sum to totals because of rounding.

SOURCE: U.S. Department of Education, National Center for Education Statistics, *Annual Report of the Commissioner of Education, 1899–1900 and 1909–10; Biennial Survey of Education in the United States, 1919–20 through 1949–50; Statistics of State School Systems, 1959–60 and 1969–70; Revenues and Expenditures for Public Elementary and Secondary Education, 1970–71 through 1986–87; Common Core of Data (CCD), "National Public Education Financial Survey," 1987–88 through 2014–15; Higher Education General Information Survey (HEGIS), Financial Statistics of Institutions of Higher Education, 1965–66 through 1985–86; Integrated Postsecondary Education Data System (IPEDS), "Finance Survey," (IPEDS-F:FY87–99); IPEDS Spring 2001 through Spring 2017, Finance component; and unpublished tabulations. (This table was prepared March 2018.)*

**Table 106.30. Amount and percentage distribution of direct general expenditures of state and local governments, by function: Selected years, 1970–71 through 2014–15**

Function	1970–71	1980–81	1990–91	2000–01	2009–10	2010–11	2011–12	2012–13	2013–14	2014–15
1	2	3	4	5	6	7	8	9	10	11
Amount (in millions of current dollars)										
<b>Total direct general expenditures.....</b>	<b>\$150,674</b>	<b>\$407,449</b>	<b>\$908,109</b>	<b>\$1,621,757</b>	<b>\$2,537,892</b>	<b>\$2,579,509</b>	<b>\$2,589,273</b>	<b>\$2,624,649</b>	<b>\$2,710,523</b>	<b>\$2,838,366</b>
Education and public libraries.....	60,174	147,649	313,744	571,374	871,109	872,969	878,993	888,416	916,638	948,505
Education.....	59,413	145,784	309,302	563,572	860,118	862,271	867,533	877,272	905,562	937,027
Public libraries.....	761	1,865	4,442	7,802	10,991	10,699	11,460	11,144	11,076	11,477
Social services and income maintenance.....	30,376	92,555	214,919	396,086	689,435	729,846	732,413	766,032	804,468	879,466
Public welfare.....	18,226	54,121	130,402	257,380	456,200	490,645	485,499	515,469	542,812	609,597
Hospitals and health.....	11,205	36,101	81,110	134,010	227,285	233,018	240,959	244,638	256,181	264,782
Social insurance administration.....	945	2,276	3,250	4,359	5,157	5,256	5,116	4,901	4,415	4,114
Veterans' services.....	†	57	157	337	794	927	838	1,024	1,060	973
Transportation <sup>1</sup> .....	19,819	39,231	75,410	130,422	187,073	183,282	188,304	186,098	191,759	198,962
Public safety.....	9,416	31,233	79,932	146,544	224,346	225,202	225,629	228,532	234,850	241,405
Police and fire protection.....	7,531	21,283	46,568	84,554	137,106	138,147	139,369	141,515	146,093	150,968
Correction.....	1,885	7,393	27,356	52,370	73,100	73,243	72,688	72,970	74,617	76,729
Protective inspection and regulation.....	†	2,557	6,008	9,620	14,139	13,812	13,573	14,047	14,140	13,708
Environment and housing.....	11,832	35,223	76,167	124,203	198,223	200,491	196,244	190,525	190,139	194,040
Natural resources, parks, and recreation.....	5,191	13,239	28,505	50,082	68,680	67,053	66,421	65,456	65,386	68,219
Housing and community development.....	2,554	7,086	16,648	27,402	53,923	56,284	53,673	50,265	49,895	49,861
Sewerage and sanitation.....	4,087	14,898	31,014	46,718	75,620	77,154	76,149	74,804	74,858	75,960
Governmental administration.....	6,703	20,001	48,461	85,910	126,719	123,851	123,736	124,052	127,862	130,752
Financial administration.....	2,271	7,230	16,995	30,007	40,241	39,351	38,689	39,783	40,510	41,927
General control <sup>2</sup> .....	4,432	12,771	31,466	55,903	86,479	84,500	85,046	84,269	87,352	88,825
Interest on general debt.....	5,089	17,131	52,234	73,836	105,715	108,478	108,949	108,773	107,253	105,718
Other direct general expenditures.....	7,265	24,426	47,242	93,382	135,273	135,388	135,004	132,222	137,555	139,518
Amount (in millions of constant 2016–17 dollars) <sup>3</sup>										
<b>Total direct general expenditures.....</b>	<b>\$920,376</b>	<b>\$1,141,356</b>	<b>\$1,645,483</b>	<b>\$2,247,556</b>	<b>\$2,841,418</b>	<b>\$2,831,163</b>	<b>\$2,760,981</b>	<b>\$2,752,891</b>	<b>\$2,799,234</b>	<b>\$2,910,070</b>
Education and public libraries.....	367,567	413,598	568,500	791,854	975,291	958,135	937,284	931,824	946,638	972,466
Education.....	362,918	408,374	560,452	781,042	962,986	946,393	925,064	920,136	935,199	960,699
Public libraries.....	4,648	5,224	8,049	10,813	12,306	11,742	12,220	11,689	11,439	11,767
Social services and income maintenance.....	185,549	259,267	389,431	548,926	771,890	801,049	780,983	803,461	830,797	901,684
Public welfare.....	111,332	151,605	236,287	356,697	510,760	538,512	517,695	540,655	560,577	624,997
Hospitals and health.....	68,445	101,127	146,970	185,721	254,468	255,751	256,939	256,591	264,566	271,471
Social insurance administration.....	5,772	6,376	5,889	6,041	5,773	5,769	5,455	5,140	4,559	4,218
Veterans' services.....	†	160	284	466	889	1,017	894	1,075	1,094	998
Transportation <sup>1</sup> .....	121,062	109,895	136,642	180,749	209,447	201,163	200,792	195,191	198,035	203,988
Public safety.....	57,517	87,491	144,836	203,093	251,177	247,173	240,592	239,698	242,536	247,504
Police and fire protection.....	46,002	59,618	84,381	117,182	153,504	151,624	148,611	148,429	150,875	154,782
Correction.....	11,514	20,709	49,569	72,579	81,843	80,389	77,509	76,535	77,059	78,667
Protective inspection and regulation.....	†	7,163	10,886	13,332	15,830	15,159	14,473	14,734	14,602	14,054
Environment and housing.....	72,275	98,668	138,014	172,130	221,930	220,051	209,257	199,834	196,361	198,942
Natural resources, parks, and recreation.....	31,709	37,085	51,651	69,408	76,894	73,595	70,826	68,554	67,526	69,943
Housing and community development.....	15,601	19,849	30,166	37,976	60,372	61,774	57,233	52,721	51,528	51,120
Sewerage and sanitation.....	24,965	41,733	56,197	64,746	84,664	84,681	81,199	77,308	77,308	77,879
Governmental administration.....	40,945	56,027	87,811	119,060	141,875	135,934	131,941	130,113	132,046	134,055
Financial administration.....	13,872	20,253	30,795	41,586	45,053	41,255	41,255	41,727	41,836	42,986
General control <sup>2</sup> .....	27,072	35,774	57,016	77,474	96,821	92,744	90,686	88,386	90,211	91,069
Interest on general debt.....	31,086	47,988	94,647	102,327	118,358	119,061	116,174	114,088	110,763	108,389
Other direct general expenditures.....	44,377	68,423	85,602	129,416	151,451	148,596	143,957	138,682	142,057	143,042
Percentage distribution										
<b>Total direct general expenditures.....</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>
Education and public libraries.....	39.9	36.2	34.5	35.2	34.3	33.8	33.9	33.8	33.8	33.4
Education.....	39.4	35.8	34.1	34.8	33.9	33.4	33.5	33.4	33.4	33.0
Public libraries.....	0.5	0.5	0.5	0.5	0.4	0.4	0.4	0.4	0.4	0.4
Social services and income maintenance.....	20.2	22.7	23.7	24.4	27.2	28.3	28.3	29.2	29.7	31.0
Public welfare.....	12.1	13.3	14.4	15.9	18.0	19.0	18.8	19.6	20.0	21.5
Hospitals and health.....	7.4	8.9	8.9	8.3	9.0	9.0	9.3	9.3	9.5	9.3
Social insurance administration.....	0.6	0.6	0.4	0.3	0.2	0.2	0.2	0.2	0.2	0.1
Veterans' services.....	†	#	#	#	0.1	#	#	#	#	#
Transportation <sup>1</sup> .....	13.2	9.6	8.3	8.0	7.4	7.1	7.3	7.1	7.1	7.0
Public safety.....	6.2	7.7	8.8	9.0	8.8	8.7	8.7	8.7	8.7	8.5
Police and fire protection.....	5.0	5.2	5.1	5.2	5.4	5.4	5.4	5.4	5.4	5.3
Correction.....	1.3	1.8	3.0	3.2	2.9	2.8	2.8	2.8	2.8	2.7
Protective inspection and regulation.....	†	0.6	0.7	0.6	0.6	0.5	0.5	0.5	0.5	0.5
Environment and housing.....	7.9	8.6	8.4	7.7	7.8	7.8	7.6	7.3	7.0	6.8
Natural resources, parks, and recreation.....	3.4	3.2	3.1	3.1	2.7	2.6	2.6	2.5	2.4	2.4
Housing and community development.....	1.7	1.7	1.8	1.7	2.1	2.2	2.1	1.9	1.8	1.8
Sewerage and sanitation.....	2.7	3.7	3.4	2.9	3.0	3.0	2.9	2.9	2.8	2.7
Governmental administration.....	4.4	4.9	5.3	5.3	5.0	4.8	4.8	4.7	4.7	4.6
Financial administration.....	1.5	1.8	1.9	1.9	1.6	1.5	1.5	1.5	1.5	1.5
General control <sup>2</sup> .....	2.9	3.1	3.5	3.4	3.4	3.3	3.3	3.2	3.2	3.1
Interest on general debt.....	3.4	4.2	5.8	4.6	4.2	4.2	4.2	4.1	4.0	3.7
Other direct general expenditures.....	4.8	6.0	5.2	5.8	5.3	5.2	5.2	5.0	5.1	4.9

†Not applicable.

#Rounds to zero.

<sup>1</sup>Includes highways, air transportation (airports), parking facilities, and sea and inland port facilities. For 2000–01 and earlier years, also includes transit subsidies.

<sup>2</sup>Includes judicial and legal expenditures, expenditures on general public buildings, and other governmental administration expenditures.

<sup>3</sup>Constant dollars based on the Consumer Price Index, prepared by the Bureau of Labor Statistics, U.S. Department of Labor, adjusted to a school-year basis.

NOTE: Excludes monies paid by states to the federal government. Some data have been revised from previously published figures. Detail may not sum to totals because of rounding.

SOURCE: U.S. Department of Commerce, Census Bureau, Governmental Finances. Retrieved February 8, 2018, from <http://www.census.gov/govs/local/>. (This table was prepared February 2018.)

**Table 106.40. Direct general expenditures of state and local governments for all functions and for education, by level of education and state: 2013–14 and 2014–15**  
 [In millions of current dollars. Standard errors appear in parentheses]

State	Direct general expenditures, 2013–14				Direct general expenditures, 2014–15												
	Total <sup>1</sup>	For education	Total <sup>1</sup>	For education	For education												
					Total for education	Elementary and secondary education			Colleges and universities			Other education <sup>2</sup>					
						Total for elementary and secondary	Current expenditure	Capital outlay	Total for colleges and universities	Current expenditure	Capital outlay						
1	2	3	4	5	6	7	8	9	10	11	12						
<b>United States .....</b>	<b>\$2,710,523</b>	<b>(9,757.9)</b>	<b>\$905,562</b>	<b>(9,599.0)</b>	<b>\$2,838,366</b>	<b>(10,502.0)</b>	<b>\$937,027</b>	<b>(10,213.6)</b>	<b>\$610,857</b>	<b>(10,201.3)</b>	<b>\$557,523</b>	<b>\$53,334</b>	<b>\$273,932</b>	<b>(109.6)</b>	<b>\$243,111</b>	<b>\$30,820</b>	<b>\$52,238</b>
Alabama .....	36,536	(712.5)	13,145	(705.9)	37,029	(736.9)	13,328	(729.1)	7,509	(729.1)	6,990	519	4,863	(#)	4,231	632	956
Alaska .....	14,448	(23.1)	3,576	(14.3)	14,729	(23.6)	3,665	(16.9)	2,654	(17.0)	2,366	288	865	(#)	692	174	145
Arizona .....	43,383	(60.7)	15,084	(#)	44,999	(72.0)	15,364	(#)	7,733	(#)	7,235	498	5,468	(#)	4,795	672	2,164
Arkansas .....	22,262	(33.4)	8,136	(#)	23,380	(37.4)	8,189	(#)	5,021	(#)	4,510	512	2,562	(#)	2,201	361	606
California .....	371,326	(6,980.9)	108,655	(6,921.3)	409,989	(7,502.8)	115,758	(7,420.1)	72,362	(7,417.1)	65,988	6,374	37,209	(#)	33,830	3,379	6,186
Colorado .....	43,525	(187.2)	14,563	(#)	47,231	(198.4)	15,178	(#)	9,078	(#)	8,154	923	5,366	(#)	4,558	808	734
Connecticut .....	35,994	(255.6)	12,574	(137.1)	37,485	(254.9)	13,081	(128.2)	9,210	(128.9)	8,667	543	3,122	(#)	2,658	464	748
Delaware .....	9,553	(1.0)	3,547	(#)	9,681	(1.0)	3,614	(#)	1,882	(#)	1,779	103	1,283	(#)	1,129	154	449
District of Columbia .....	11,788	(#)	2,580	(#)	12,425	(#)	2,762	(#)	2,546	(#)	2,157	390	216	(#)	173	43	—
Florida .....	137,947	(4,497.1)	39,056	(4,479.7)	142,936	(4,502.5)	40,314	(4,482.9)	26,663	(4,484.7)	24,979	1,684	10,305	(#)	9,623	682	3,346
Georgia .....	65,769	(164.4)	25,460	(2.5)	67,696	(196.3)	26,149	(54.9)	18,248	(54.7)	16,367	1,881	5,852	(1.8)	5,133	719	2,049
Hawaii .....	13,682	(#)	3,389	(#)	13,524	(#)	3,233	(#)	1,991	(#)	1,803	188	1,082	(#)	952	131	159
Idaho .....	10,392	(19.7)	3,144	(#)	10,589	(18.0)	3,186	(#)	1,978	(#)	1,902	76	1,046	(#)	982	64	162
Illinois .....	108,927	(490.2)	37,261	(#)	114,650	(504.5)	37,950	(#)	26,330	(#)	24,273	2,057	9,668	(#)	8,877	791	1,952
Indiana .....	48,149	(125.2)	16,572	(#)	49,142	(137.6)	16,795	(#)	9,764	(#)	8,816	948	5,863	(#)	5,290	573	1,169
Iowa .....	28,858	(83.7)	10,432	(#)	30,203	(90.6)	10,833	(#)	6,401	(#)	5,558	843	3,945	(#)	3,373	573	487
Kansas .....	23,938	(83.8)	8,778	(#)	24,505	(88.2)	9,183	(#)	5,667	(#)	4,703	964	3,251	(#)	2,900	351	265
Kentucky .....	33,663	(895.4)	11,548	(893.8)	37,282	(1,021.5)	11,945	(1,021.3)	6,907	(1,021.6)	6,290	617	3,991	(#)	3,576	414	1,047
Louisiana .....	41,188	(41.2)	12,242	(#)	40,603	(877.0)	12,633	(874.2)	8,065	(875.0)	7,337	728	3,122	(#)	2,915	206	1,447
Maine .....	11,558	(108.6)	3,343	(106.3)	11,101	(122.1)	3,403	(120.1)	2,411	(120.1)	2,342	70	788	(#)	712	76	204
Maryland .....	55,234	(27.6)	19,400	(#)	57,622	(28.8)	19,521	(#)	12,743	(#)	11,692	1,051	5,949	(#)	5,296	652	830
Massachusetts .....	67,641	(182.6)	21,536	(152.9)	71,790	(208.2)	21,868	(177.1)	15,544	(177.2)	14,366	1,178	5,200	(#)	4,162	1,038	1,124
Michigan .....	76,178	(342.8)	28,560	(#)	79,944	(327.8)	28,886	(#)	16,731	(#)	15,763	967	10,982	(#)	9,622	1,360	1,173
Minnesota .....	50,911	(1,013.1)	16,513	(1,004.0)	52,705	(1,038.3)	17,027	(1,019.9)	11,450	(1,020.2)	10,121	1,329	4,692	(#)	4,383	309	885
Mississippi .....	24,171	(60.4)	7,602	(#)	25,237	(60.6)	7,934	(#)	4,569	(#)	4,162	408	2,845	(#)	2,505	340	520
Missouri .....	42,768	(765.6)	14,610	(759.7)	43,792	(849.6)	15,046	(845.6)	10,150	(846.5)	9,281	869	4,057	(#)	3,678	378	839
Montana .....	8,522	(11.1)	2,737	(#)	8,731	(9.6)	2,809	(#)	1,769	(#)	1,608	161	862	(#)	803	59	179
Nebraska .....	15,689	(56.5)	6,255	(21.3)	16,630	(69.8)	6,652	(30.6)	4,177	(30.5)	3,729	448	2,167	(#)	1,877	289	309
Nevada .....	18,496	(157.2)	5,546	(#)	20,159	(157.2)	5,888	(#)	4,010	(#)	3,804	206	1,475	(#)	1,287	188	403
New Hampshire .....	10,081	(10.1)	3,784	(#)	10,455	(9.4)	3,931	(#)	2,855	(#)	2,730	125	902	(#)	806	96	174
New Jersey .....	87,898	(975.7)	34,038	(963.3)	90,358	(966.8)	34,798	(946.5)	26,365	(949.1)	24,715	1,650	6,414	(#)	5,480	934	2,019
New Mexico .....	18,708	(22.4)	6,291	(#)	20,977	(31.5)	6,739	(#)	3,772	(#)	3,185	587	2,570	(#)	2,172	398	397
New York .....	248,705	(273.6)	76,648	(76.6)	257,360	(283.1)	79,582	(79.6)	63,749	(#)	59,210	4,539	13,634	(76.4)	11,924	1,710	2,199
North Carolina .....	72,170	(245.4)	23,510	(204.5)	74,589	(298.4)	24,803	(265.4)	13,440	(258.1)	12,704	736	9,663	(64.7)	8,864	799	1,699
North Dakota .....	8,218	(60.0)	2,639	(#)	9,064	(43.5)	2,941	(#)	1,724	(#)	1,421	303	1,103	(#)	895	208	114
Ohio .....	95,829	(1,332.0)	32,952	(1,304.9)	95,270	(1,419.5)	33,726	(1,386.1)	22,462	(1,388.2)	20,711	1,752	9,453	(#)	7,820	1,632	1,811
Oklahoma .....	28,565	(614.2)	10,118	(614.2)	28,659	(610.4)	10,144	(607.6)	5,943	(608.0)	5,273	670	3,600	(#)	3,183	418	600
Oregon .....	35,032	(94.6)	10,988	(#)	37,637	(109.1)	11,465	(#)	6,651	(#)	6,173	478	4,293	(#)	3,513	780	521
Pennsylvania .....	111,086	(2,488.3)	37,933	(2,473.2)	113,370	(2,788.9)	38,915	(2,778.6)	27,155	(2,777.9)	25,474	1,680	9,572	(#)	8,751	822	2,189
Rhode Island .....	9,711	(5.8)	3,230	(#)	10,080	(8.1)	3,275	(#)	2,342	(#)	2,278	64	647	(#)	637	11	286

See notes at end of table.

**Table 106.40. Direct general expenditures of state and local governments for all functions and for education, by level of education and state: 2013–14 and 2014–15—Continued**  
[In millions of current dollars. Standard errors appear in parentheses]

State	Direct general expenditures, 2013–14				Direct general expenditures, 2014–15							
	Total <sup>1</sup>		For education		Total <sup>1</sup>		For education					
							Elementary and secondary education			Colleges and universities		
	Total for elementary and secondary		Current expenditure	Capital outlay	Total for colleges and universities		Current expenditure	Capital outlay				
1	2	3	4	5	6	7	8	9	10	11	12	
South Carolina.....	37,030 (77.8)	13,178 (#)	39,061 (85.9)	13,742 (#)	8,355 (#)	7,427	928	4,059 (#)	3,616	443	1,329	
South Dakota.....	6,372 (12.7)	2,115 (#)	6,550 (12.4)	2,245 (#)	1,419 (#)	1,197	222	696 (#)	604	92	130	
Tennessee.....	43,265 (263.9)	14,053 (234.7)	43,996 (255.2)	14,164 (223.8)	9,221 (223.1)	8,704	517	3,921 (#)	3,516	405	1,022	
Texas.....	196,514 (3,301.4)	76,758 (3,162.4)	206,337 (3,610.9)	80,471 (3,460.3)	50,242 (3,456.6)	43,371	6,871	27,854 (#)	24,908	2,946	2,375	
Utah.....	21,002 (52.5)	8,374 (#)	21,855 (122.4)	8,694 (104.3)	4,427 (104.5)	3,811	616	3,851 (#)	3,498	353	416	
Vermont.....	6,736 (114.5)	2,511 (113.7)	6,928 (115.0)	2,546 (114.1)	1,596 (113.9)	1,537	59	762 (#)	735	27	189	
Virginia.....	67,109 (241.6)	24,430 (215.0)	68,832 (261.6)	25,085 (233.3)	16,329 (230.2)	14,786	1,543	7,792 (28.8)	6,672	1,120	964	
Washington.....	61,950 (1,065.5)	20,641 (1,052.7)	66,491 (1,103.8)	21,699 (1,084.9)	13,275 (1,084.6)	11,673	1,603	6,571 (#)	5,779	793	1,852	
West Virginia.....	14,754 (13.3)	5,423 (#)	15,182 (15.2)	5,267 (#)	3,150 (#)	2,917	233	1,661 (#)	1,499	162	456	
Wisconsin.....	49,520 (1,000.3)	17,485 (989.6)	51,135 (1,048.3)	17,721 (1,036.7)	10,899 (1,035.4)	9,970	928	6,020 (#)	5,355	665	802	
Wyoming.....	7,773 (26.4)	2,619 (#)	8,393 (26.9)	2,876 (#)	1,923 (#)	1,514	409	794 (#)	671	122	159	

—Not available.

#Rounds to zero.

<sup>1</sup>Includes state and local government expenditures for education and public libraries, social services and income maintenance, transportation, public safety, environment and housing, governmental administration, interest on general debt, and other direct general expenditures.

<sup>2</sup>Includes assistance and subsidies to individuals, private elementary and secondary schools, and private colleges and universities, as well as miscellaneous education expenditures. Does not include expenditures for public libraries.

NOTE: Current expenditure data in this table differ from figures appearing in other tables because of slightly varying definitions used in the Governmental Finances and Common Core of Data surveys. In 2011–12, a census of state and local governments was conducted; therefore, standard errors are not applicable. Detail may not sum to totals because of rounding. Some data have been revised from previously published figures.

SOURCE: U.S. Department of Commerce, Census Bureau, Governmental Finances. Retrieved December 7, 2017, from <http://www.census.gov/govs/local/>. (This table was prepared January 2018.)

**Table 106.50. Direct general expenditures of state and local governments per capita for all functions and for education, by level of education and state: 2013–14 and 2014–15**

[Amounts in current dollars]

State	Direct general expenditures, 2013–14			Direct general expenditures, 2014–15								
	Total amount per capita <sup>1</sup>	For education		Total amount per capita <sup>1</sup>	For education							
		Amount per capita	As a percent of all functions		All education		Elementary and secondary education		Colleges and universities		Other education <sup>2</sup>	
					Amount per capita	As a percent of all functions	Amount per capita	As a percent of all functions	Amount per capita	As a percent of all functions	Amount per capita	As a percent of all functions
1	2	3	4	5	6	7	8	9	10	11	12	13
<b>United States .....</b>	<b>\$8,507</b>	<b>\$2,842</b>	<b>33.4</b>	<b>\$8,841</b>	<b>\$2,919</b>	<b>33.0</b>	<b>\$1,903</b>	<b>21.5</b>	<b>\$853</b>	<b>9.7</b>	<b>\$163</b>	<b>1.8</b>
Alabama .....	7,549	2,716	36.0	7,633	2,748	36.0	1,548	20.3	1,003	13.1	197	2.6
Alaska .....	19,610	4,854	24.8	19,958	4,966	24.9	3,597	18.0	1,173	5.9	197	1.0
Arizona .....	6,469	2,249	34.8	6,615	2,259	34.1	1,137	17.2	804	12.2	318	4.8
Arkansas .....	7,509	2,744	36.5	7,857	2,752	35.0	1,687	21.5	861	11.0	204	2.6
California .....	9,595	2,808	29.3	10,504	2,966	28.2	1,854	17.6	953	9.1	158	1.5
Colorado .....	8,147	2,726	33.5	8,682	2,790	32.1	1,669	19.2	986	11.4	135	1.6
Connecticut .....	9,998	3,493	34.9	10,430	3,640	34.9	2,563	24.6	869	8.3	208	2.0
Delaware .....	10,219	3,794	37.1	10,254	3,828	37.3	1,994	19.4	1,359	13.3	476	4.6
District of Columbia .....	17,839	3,904	21.9	18,469	4,106	22.2	3,785	20.5	321	1.7	—	—
Florida .....	6,933	1,963	28.3	7,052	1,989	28.2	1,315	18.7	508	7.2	165	2.3
Georgia .....	6,522	2,525	38.7	6,637	2,564	38.6	1,789	27.0	574	8.6	201	3.0
Hawaii .....	9,650	2,390	24.8	9,482	2,266	23.9	1,396	14.7	759	8.0	112	1.2
Idaho .....	6,374	1,928	30.3	6,420	1,932	30.1	1,199	18.7	634	9.9	98	1.5
Illinois .....	8,455	2,892	34.2	8,914	2,951	33.1	2,047	23.0	752	8.4	152	1.7
Indiana .....	7,303	2,514	34.4	7,434	2,541	34.2	1,477	19.9	887	11.9	177	2.4
Iowa .....	9,292	3,359	36.2	9,685	3,474	35.9	2,053	21.2	1,265	13.1	156	1.6
Kansas .....	8,256	3,027	36.7	8,433	3,160	37.5	1,950	23.1	1,119	13.3	91	1.1
Kentucky .....	7,633	2,618	34.3	8,431	2,701	32.0	1,562	18.5	902	10.7	237	2.8
Louisiana .....	8,860	2,633	29.7	8,692	2,705	31.1	1,726	19.9	668	7.7	310	3.6
Maine .....	8,697	2,515	28.9	8,361	2,563	30.7	1,816	21.7	594	7.1	153	1.8
Maryland .....	9,252	3,249	35.1	9,603	3,253	33.9	2,124	22.1	991	10.3	138	1.4
Massachusetts .....	10,009	3,187	31.8	10,567	3,219	30.5	2,288	21.7	765	7.2	166	1.6
Michigan .....	7,683	2,881	37.5	8,060	2,912	36.1	1,687	20.9	1,107	13.7	118	1.5
Minnesota .....	9,337	3,028	32.4	9,612	3,105	32.3	2,088	21.7	856	8.9	161	1.7
Mississippi .....	8,088	2,544	31.4	8,454	2,658	31.4	1,531	18.1	953	11.3	174	2.1
Missouri .....	7,060	2,412	34.2	7,211	2,478	34.4	1,671	23.2	668	9.3	138	1.9
Montana .....	8,355	2,684	32.1	8,490	2,732	32.2	1,720	20.3	838	9.9	174	2.0
Nebraska .....	8,341	3,325	39.9	8,782	3,513	40.0	2,206	25.1	1,144	13.0	163	1.9
Nevada .....	6,532	1,959	30.0	6,992	2,042	29.2	1,391	19.9	512	7.3	140	2.0
New Hampshire .....	7,587	2,848	37.5	7,860	2,955	37.6	2,146	27.3	678	8.6	131	1.7
New Jersey .....	9,829	3,806	38.7	10,085	3,884	38.5	2,943	29.2	716	7.1	225	2.2
New Mexico .....	8,980	3,020	33.6	10,074	3,236	32.1	1,811	18.0	1,234	12.3	191	1.9
New York .....	12,578	3,876	30.8	12,985	4,015	30.9	3,216	24.8	688	5.3	111	0.9
North Carolina .....	7,260	2,365	32.6	7,428	2,470	33.3	1,338	18.0	962	13.0	169	2.3
North Dakota .....	11,125	3,573	32.1	12,007	3,896	32.4	2,284	19.0	1,462	12.2	150	1.3
Ohio .....	8,266	2,842	34.4	8,209	2,906	35.4	1,935	23.6	814	9.9	156	1.9
Oklahoma .....	7,372	2,611	35.4	7,340	2,598	35.4	1,522	20.7	922	12.6	154	2.1
Oregon .....	8,845	2,774	31.4	9,371	2,855	30.5	1,656	17.7	1,069	11.4	130	1.4
Pennsylvania .....	8,685	2,966	34.1	8,863	3,042	34.3	2,123	24.0	748	8.4	171	1.9
Rhode Island .....	9,207	3,062	33.3	9,547	3,102	32.5	2,218	23.2	613	6.4	271	2.8
South Carolina .....	7,675	2,731	35.6	7,984	2,809	35.2	1,708	21.4	830	10.4	272	3.4
South Dakota .....	7,501	2,490	33.2	7,670	2,628	34.3	1,661	21.7	815	10.6	152	2.0
Tennessee .....	6,615	2,149	32.5	6,675	2,149	32.2	1,399	21.0	595	8.9	155	2.3
Texas .....	7,291	2,848	39.1	7,516	2,931	39.0	1,830	24.3	1,015	13.5	87	1.2
Utah .....	7,147	2,849	39.9	7,322	2,913	39.8	1,483	20.3	1,290	17.6	139	1.9
Vermont .....	10,766	4,013	37.3	11,094	4,078	36.8	2,556	23.0	1,219	11.0	303	2.7
Virginia .....	8,069	2,937	36.4	8,227	2,998	36.4	1,952	23.7	931	11.3	115	1.4
Washington .....	8,791	2,929	33.3	9,296	3,034	32.6	1,856	20.0	919	9.9	259	2.8
West Virginia .....	7,985	2,935	36.8	8,252	2,863	34.7	1,712	20.7	903	10.9	248	3.0
Wisconsin .....	8,610	3,040	35.3	8,878	3,077	34.7	1,892	21.3	1,045	11.8	139	1.6
Wyoming .....	13,325	4,490	33.7	14,320	4,906	34.3	3,282	22.9	1,354	9.5	271	1.9

—Not available.

<sup>1</sup>Includes state and local government expenditures for education and public libraries, social services and income maintenance, transportation, public safety, environment and housing, governmental administration, interest on general debt, and other direct general expenditures.

<sup>2</sup>Includes assistance and subsidies to individuals, private elementary and secondary schools, and private colleges and universities, as well as miscellaneous education expenditures. Does not include expenditures for public libraries.

NOTE: Per capita amounts for 2014–15 are based on population estimates for July 2015. Per capita amounts for 2013–14 are based on the latest population estimates for July 2014 and have been revised from previously published figures. Detail may not sum to totals because of rounding.

SOURCE: U.S. Department of Commerce, Census Bureau, Governmental Finances, retrieved January 15, 2018, from <http://www.census.gov/govs/local/>; and GCT-T1 Population Estimates, retrieved February 13, 2018, from <https://www.census.gov/data/tables/2017/demo/popest/state-total.html>. (This table was prepared February 2018).

**Table 106.70. Gross domestic product price index, Consumer Price Index, education price indexes, and federal budget composite deflator: Selected years, 1919 through 2017**

Calendar year			School year					Federal fiscal year	
Year	Gross domestic product price index	Consumer Price Index <sup>1</sup>	Year	Consumer Price Index <sup>2</sup>	Higher Education Price Index <sup>3</sup>	Research and Development Index	Academic Library Operations Index	Year	Federal budget composite deflator
1	2	3	4	5	6	7	8	9	10
1919.....	—	17.3	1919–20.....	19.1	—	—	—	1919.....	—
1929.....	9.900	17.1	1929–30.....	17.1	—	—	—	1929.....	—
1939.....	8.049	13.9	1939–40.....	14.0	—	—	—	1939.....	—
1949.....	13.622	23.8	1949–50.....	23.7	—	—	—	1949.....	0.0958
1950.....	13.746	24.1	1950–51.....	25.1	—	—	—	1950.....	0.1005
1956.....	16.101	27.2	1956–57.....	27.7	—	—	—	1956.....	0.1202
1957.....	16.663	28.1	1957–58.....	28.6	—	—	—	1957.....	0.1261
1958.....	17.050	28.9	1958–59.....	29.0	—	—	—	1958.....	0.1335
1959.....	17.277	29.1	1959–60.....	29.4	—	—	—	1959.....	0.1391
1960.....	17.516	29.6	1960–61.....	29.8	25.6	26.7	—	1960.....	0.1411
1961.....	17.709	29.9	1961–62.....	30.1	26.5	27.5	—	1961.....	0.1443
1962.....	17.927	30.2	1962–63.....	30.4	27.6	28.5	—	1962.....	0.1445
1963.....	18.129	30.6	1963–64.....	30.8	28.6	29.5	—	1963.....	0.1507
1964.....	18.407	31.0	1964–65.....	31.2	29.8	30.7	—	1964.....	0.1531
1965.....	18.744	31.5	1965–66.....	31.9	31.3	32.0	—	1965.....	0.1553
1966.....	19.271	32.4	1966–67.....	32.9	32.9	33.8	—	1966.....	0.1596
1967.....	19.831	33.4	1967–68.....	34.0	34.9	35.7	—	1967.....	0.1632
1968.....	20.674	34.8	1968–69.....	35.7	37.1	38.0	—	1968.....	0.1691
1969.....	21.691	36.7	1969–70.....	37.8	39.5	40.3	—	1969.....	0.1798
1970.....	22.836	38.8	1970–71.....	39.7	42.1	42.7	—	1970.....	0.1899
1971.....	23.996	40.5	1971–72.....	41.2	44.3	45.0	—	1971.....	0.2030
1972.....	25.035	41.8	1972–73.....	42.8	46.7	47.1	—	1972.....	0.2165
1973.....	26.396	44.4	1973–74.....	46.6	49.9	50.1	—	1973.....	0.2266
1974.....	28.760	49.3	1974–75.....	51.8	54.3	54.8	—	1974.....	0.2454
1975.....	31.431	53.8	1975–76.....	55.5	57.8	59.0	57.3	1975.....	0.2695
1976.....	33.157	56.9	1976–77.....	58.7	61.5	62.7	61.6	1976.....	0.2888
1977.....	35.209	60.6	1977–78.....	62.6	65.7	66.8	65.8	1977.....	0.3098
1978.....	37.680	65.2	1978–79.....	68.5	70.5	71.7	71.4	1978.....	0.3292
1979.....	40.790	72.6	1979–80.....	77.6	77.5	78.3	78.5	1979.....	0.3576
1980.....	44.480	82.4	1980–81.....	86.6	85.8	86.6	86.1	1980.....	0.3951
1981.....	48.658	90.9	1981–82.....	94.1	93.9	94.0	94.0	1981.....	0.4391
1982.....	51.624	96.5	1982–83.....	98.2	100.0	100.0	100.0	1982.....	0.4721
1983.....	53.658	99.6	1983–84.....	101.8	104.8	104.3	105.1	1983.....	0.4957
1984.....	55.564	103.9	1984–85.....	105.8	110.8	109.8	111.2	1984.....	0.5184
1985.....	57.341	107.6	1985–86.....	108.8	116.3	115.2	117.6	1985.....	0.5372
1986.....	58.504	109.6	1986–87.....	111.2	120.9	120.0	124.2	1986.....	0.5486
1987.....	59.935	113.6	1987–88.....	115.8	126.2	126.8	130.0	1987.....	0.5643
1988.....	62.036	118.3	1988–89.....	121.2	132.8	132.1	138.6	1988.....	0.5835
1989.....	64.448	124.0	1989–90.....	127.0	140.8	139.0	147.4	1989.....	0.6058
1990.....	66.841	130.7	1990–91.....	133.9	148.2	145.8	155.7	1990.....	0.6237
1991.....	69.057	136.2	1991–92.....	138.2	153.5	150.6	163.3	1991.....	0.6526
1992.....	70.632	140.3	1992–93.....	142.5	157.9	155.2	169.8	1992.....	0.6771
1993.....	72.315	144.5	1993–94.....	146.2	163.3	160.1	176.7	1993.....	0.6972
1994.....	73.851	148.2	1994–95.....	150.4	168.1	165.4	183.9	1994.....	0.7100
1995.....	75.393	152.4	1995–96.....	154.5	173.0	170.8	192.6	1995.....	0.7306
1996.....	76.767	156.9	1996–97.....	158.9	178.4	—	—	1996.....	0.7459
1997.....	78.088	160.5	1997–98.....	161.7	184.7	—	—	1997.....	0.7612
1998.....	78.935	163.0	1998–99.....	164.5	189.1	—	—	1998.....	0.7679
1999.....	80.065	166.6	1999–2000.....	169.3	196.9	—	—	1999.....	0.7777
2000.....	81.890	172.2	2000–01.....	175.1	208.7	—	—	2000.....	0.7970
2001.....	83.755	177.1	2001–02.....	178.2	212.7	—	—	2001.....	0.8183
2002.....	85.400	179.9	2002–03.....	182.1	223.5	—	—	2002.....	0.8319
2003.....	86.735	184.0	2003–04.....	186.1	231.7	—	—	2003.....	0.8554
2004.....	89.118	188.9	2004–05.....	191.7	240.8	—	—	2004.....	0.8778
2005.....	91.985	195.3	2005–06.....	199.0	253.1	—	—	2005.....	0.9081
2006.....	94.812	201.6	2006–07.....	204.1	260.3	—	—	2006.....	0.9395
2007.....	97.340	207.3	2007–08.....	211.7	273.2	—	—	2007.....	0.9643
2008.....	99.218	215.3	2008–09.....	214.7	279.3	—	—	2008.....	0.9980
2009.....	100.000	214.5	2009–10.....	216.7	281.8	—	—	2009.....	1.0000
2010.....	101.226	218.1	2010–11.....	221.1	288.4	—	—	2010.....	1.0157
2011.....	103.315	224.9	2011–12.....	227.6	293.2	—	—	2011.....	1.0395
2012.....	105.220	229.6	2012–13.....	231.4	297.8	—	—	2012.....	1.0603
2013.....	106.917	233.0	2013–14.....	235.0	306.7	—	—	2013.....	1.0740
2014.....	108.839	236.7	2014–15.....	236.7	313.3	—	—	2014.....	1.0905
2015.....	110.012	237.0	2015–16.....	238.3	319.0	—	—	2015.....	1.0972
2016.....	111.419	240.0	2016–17.....	242.7	—	—	—	2016.....	1.1065
2017.....	113.425	245.1	2017–18.....	—	—	—	—	2017.....	1.1277

—Not available.

<sup>1</sup>Index for urban wage earners and clerical workers through 1977; 1978 and later figures are for all urban consumers.

<sup>2</sup>Consumer Price Index adjusted to a school-year basis (July through June).

<sup>3</sup>Beginning in 2001–02, components of index were weighted through a regression methodology.

NOTE: Some data have been revised from previously published figures.

SOURCE: U.S. Department of Commerce, Bureau of Economic Analysis, National Income and Product Accounts, retrieved June 8, 2018, from

<https://www.bea.gov/iTable/iTable.cfm?reqid=19&step=2#reqid=19&step=3&isuri=1&1910=x&0=99&1921=survey&1903=4&1904=2000&1905=2018&1906=a&1911=0>  
U.S. Department of Labor, Bureau of Labor Statistics, Consumer Price Index, retrieved June 8, 2018, from <http://www.bls.gov/data/>. Commonfund Institute, retrieved June 8, 2018, from <http://info.commonfund.org/commonfund-higher-education-price-index>. U.S. Office of Management and Budget, retrieved June 8, 2018, from <http://www.whitehouse.gov/omb/budget/Historicals>. (This table was prepared June 2018.)

## CHAPTER 2

# Elementary and Secondary Education

This chapter contains a variety of statistics on public and private elementary and secondary education. Data are presented for enrollments, teachers and other school staff, schools, dropouts, achievement, school violence, and revenues and expenditures. These data are derived from surveys, censuses, and administrative data collections conducted by the National Center for Education Statistics (NCES) and other public and private organizations. The information ranges from counts of students and schools to state graduation requirements.

## Enrollments

Public elementary and secondary school enrollment rose from 49.5 million in 2010 to 50.4 million in 2015, an increase of 2 percent (table 203.10 and figure 7). Public elementary enrollment (prekindergarten through grade 8) increased 2 percent between 2010 and 2015 (from 34.6 million to 35.4 million), while public secondary enrollment (grades 9 through 12) was 1 percent higher in 2015 (15.1 million) than in 2010 (14.9 million). Although public school enrollment increased overall between 2010 and 2015, there were enrollment decreases for some racial/ethnic groups and increases for others (table 203.50). Between 2010 and 2015, the enrollment of Hispanic students increased 14 percent and the enrollment of Asian/Pacific Islander students increased 9 percent. In contrast, the enrollment of American Indian/Alaska Native students decreased 10 percent, the enrollment of White students decreased 5 percent, and the enrollment of Black students decreased 2 percent. The reported number of students of Two or more races increased 48 percent between 2010 and 2015.

From 2010 to 2015, changes in public elementary and secondary school enrollment varied from state to state. Thirty-four states and the District of Columbia had higher enrollment in 2015 than in 2010, while 16 states had lower enrollment in 2015 than in 2010 (table 203.20 and figure 8). The largest public school enrollment increases occurred in the District of Columbia (18 percent), North Dakota (13 percent), and Utah (11 percent), and increases of more than 5 percent occurred in 10 other states (Texas, Nevada, Oregon, Colorado, South Dakota, Wyoming, Idaho, Nebraska, Florida, and South Carolina). The largest decrease in public school enrollment occurred in Vermont (9 percent), and decreases of more than 4 percent occurred in 3 other states (New Hampshire, Pennsylvania, and Connecticut).

Enrollment in private elementary and secondary schools in 2015 (5.8 million) was 5 percent lower than in 2005 (6.1 million) (table 205.10). In 2015, private school students made up 10.3 percent of all elementary and secondary school students.

Sixty-five percent of 3- to 5-year-olds were enrolled in preprimary education (nursery school and kindergarten) in 2016, which was not measurably different from the percentage enrolled in 2005 (table 202.10 and figure 9). However, the percentage of these children in full-day programs increased from 58 percent in 2005 to 65 percent in 2016.

In 2016, a higher percentage of 3- to 5-year-old children not yet enrolled in kindergarten (49 percent) were cared for primarily in center-based programs than had no regular nonparental care (27 percent) or were cared for primarily in home-based settings by relatives (14 percent) or by nonrelatives (8 percent) (table 202.30). An earlier survey in 2005–06 found that there were differences in the average quality of care 4-year-old children received in these settings. A higher percentage of children in Head Start and other center-based programs (35 percent) received high-quality care than those in home-based relative and nonrelative care (9 percent), according to the ratings of trained observers (*web-only table 202.60*).

The Individuals with Disabilities Education Act (IDEA), enacted in 1975, mandates that children and youth ages 3–21 with disabilities be provided a free and appropriate public school education. The percentage of total public school enrollment that represents children served by federally supported special education programs increased from 8.3 percent to 13.8 percent between 1976–77 and 2004–05 (table 204.30 and *Digest of Education Statistics 2016*, table 204.30). Much of this overall increase can be attributed to a rise in the percentage of students identified as having specific learning disabilities from 1976–77 (1.8 percent) to 2004–05 (5.7 percent). The overall percentage of students being served in programs for those with disabilities decreased between 2004–05 (13.8 percent) and 2015–16 (13.2 percent). However, there were different patterns of change in the percentages of students served with some specific conditions between 2004–05 and 2015–16. The percentage of children identified as having other health impairments (limited strength, vitality, or alertness due to chronic or acute health problems such as a heart condition, tuberculosis, rheumatic fever, nephritis, asthma, sickle cell anemia, hemophilia, epilepsy, lead poisoning, leukemia, or

diabetes) rose from 1.1 to 1.8 percent of total public school enrollment; the percentage with autism rose from 0.4 to 1.2 percent; and the percentage with developmental delay rose from 0.7 to 0.9 percent. The percentage of children with specific learning disabilities declined from 5.7 percent to 4.6 percent of total public school enrollment during this period. In fall 2015, some 95 percent of 6- to 21-year-old students with disabilities were served in regular schools; 3 percent were served in a separate school for students with disabilities; 1 percent were placed in regular private schools by their parents; and less than 1 percent each were served in one of the following environments: in a separate residential facility, homebound or in a hospital, or in a correctional facility (table 204.60).

### Teachers and Other School Staff

During the 1970s and early 1980s, public school enrollment decreased while the number of teachers generally increased. For public schools, the number of pupils per teacher—that is, the pupil/teacher ratio<sup>1</sup>—declined from 22.3 in 1970 to 17.9 in 1985 (table 208.20 and figure 7). After enrollment started increasing in 1985, the public school pupil/teacher ratio continued to decline, reaching 17.2 in 1989. After a period of relative stability from the late 1980s through the mid-1990s, the ratio declined from 17.3 in 1995 to 15.3 in 2008. After 2008, the public school pupil/teacher ratio increased, reaching 16.0 in 2015. In comparison, the private school pupil/teacher ratio was 11.9 in 2015. The average class size in 2011–12 was 21.2 pupils for public elementary schools and 26.8 pupils for public secondary schools (table 209.30).

The percentage of public school teachers who were females increased from 75 percent in 1999–2000 to 77 percent in 2015–16 (tables 209.10 and 209.22). During the same time period, the percentage of teachers who were White declined from 84 percent to 80 percent and the number of teachers who were Black declined from 8 to 7 percent. The percentage of teachers who were Hispanic increased from 6 to 9 percent between 1999–2000 and 2015–16. Between 1999–2000 and 2015–16, the percentage of public school teachers who had completed a postbaccalaureate degree increased from 47 to 57 percent. The percentage of teachers with over 20 years of teaching experience declined from 32 percent in 1999–2000 to 22 percent in 2015–16; however, the percentage of teachers with 10 to 20 years of experience increased from 29 to 39 percent during this period.

Public school principals tend to be older and have more advanced credentials than public school teachers. In 2015–16, some 19 percent of public school principals

were under age 40, and 98 percent had a master’s or higher degree (table 212.08). In comparison, 43 percent of public school teachers were under age 40, and 57 percent had a master’s or higher degree. A lower percentage of public school principals than of teachers were female: 54 percent of principals were female, compared with 77 percent of teachers.

From 1969–70 to 1980, there was an 8 percent increase in the number of public school teachers, compared with a 48 percent increase in the number of all other public school staff<sup>2</sup> (table B and table 213.10). Consequently, the percentage of staff who were teachers declined from 60 percent in 1969–70 to 52 percent in 1980. From 1980 to 2015, the number of teachers and the number of all other staff grew at more similar rates (44 and 63 percent, respectively) than they did in the 1970s. As a result, the proportion of teachers among total staff was 3 percentage points lower in 2015 than in 1980, in contrast to the decrease of 8 percentage points during the 1970s. The numbers of staff in two categories increased more than 100 percent between 1980 and 2015: the number of instructional aides rose 135 percent, and the number of instruction coordinators rose 326 percent. Taken together, the percentage of staff with direct instructional responsibilities (teachers and instructional aides) was higher in 2015 (61 percent) than in 1980 (60 percent). In 2015, there were 8 pupils per staff member (total staff) at public schools, compared with 10 pupils per staff member in 1980 (table 213.10). At private schools in 2011–12, the number of pupils per staff member was 6 (*web-only table 205.60*).

In more recent years, the numbers of most types of staff have increased (table 213.10). Overall, the number of public school staff was 3 percent higher in fall 2015 than in fall 2010. The number of officials and administrators rose 5 percent during this period, and the number of principals and assistant principals rose 10 percent. Also, the number of instruction coordinators was 26 percent higher, the number of instructional aides was 4 percent higher, and the number of support staff was 4 percent higher. The number of teachers was 2 percent higher and the number of guidance counselors was 3 percent higher. In contrast, the number of librarians decreased by 14 percent.

**Table B. Number of public school staff, by selected categories: 1969–70, 1980, and 2015**

	[In thousands]		
Selected staff category	1969–70	1980	2015
<b>Total</b> .....	<b>3,361</b>	<b>4,168</b>	<b>6,383</b>
Teachers .....	2,016	2,184	3,151
Instructional aides .....	57	326	765
Instruction coordinators .....	32	21	87

SOURCE: U.S. Department of Education, National Center for Education Statistics, *Statistics of State School Systems, 1969–70; Statistics of Public Elementary and Secondary Schools, 1980*; and Common Core of Data (CCD), “State Nonfiscal Survey of Public Elementary/Secondary Education,” 2015–16.

<sup>1</sup> The pupil/teacher ratio is based on all teachers—including teachers of students with disabilities and other special teachers—and all students enrolled in the fall of the school year. Unlike the pupil/teacher ratio, the average class size excludes students and teachers in classes that are exclusively for special education students. Class size averages are based on surveys of teachers reporting on the counts of students in their classes.

<sup>2</sup> “All other public school staff” includes administrative staff, principals, librarians, guidance counselors, secretaries, custodial staff, food service workers, school bus drivers, and other professional and nonprofessional staff.

## Schools

During most of the last century, the trend of consolidating small schools brought declines in the total number of public schools in the United States. In 1929–30, there were approximately 248,000 public schools, compared with about 98,000 in 2015–16 (table 214.10). However, the number of public schools has increased in recent decades: Between 1988–89 and 2006–07, there was an increase of approximately 15,600 schools. Since 2006–07, the number of public schools has remained relatively stable, varying by fewer than 500 schools from year to year.

While the total number of public schools in the country has remained relatively stable in recent years, new schools have opened and some schools have closed. In 2015–16, there were 1,160 school closures (*web-only table 216.95*). The schools that closed had enrolled about 195,000 students in the prior school year (2014–15). Of the schools that closed, 893 were regular schools, 32 were special education schools, 14 were vocational schools, and 221 were alternative schools. Of these closed schools, 280 were classified as charter schools. The number of schools that closed in 2015–16 was lower than the number in 2000–01 (1,193); however, the number of annual school closures fluctuated during this period, ranging from 1,160 to 2,168. School closures do not necessarily reflect the number of school buildings that have been closed, since a school may share a building with another school, or one school may have multiple buildings.

Since the early 1970s, public school systems have been shifting away from junior high schools (schools consisting of either grades 7 and 8 or grades 7–9) and moving toward middle schools (a subset of elementary schools beginning with grade 4, 5, or 6 and ending with grade 6, 7, or 8) (table 216.10). Although the number of all elementary schools (schools beginning with grade 6 or below and ending with grade 8 or below) was similar in 1970–71 and 2000–01 (64,000 and 64,600, respectively), the number of middle schools increased by 462 percent (from 2,100 in 1970–71 to 11,700 in 2000–01). During the same period, the number of junior high schools declined by 57 percent (from 7,800 in 1970–71 to 3,300 in 2000–01). The number of all elementary schools was 1 percent higher in 2015–16 than in 2005–06, while the subset of middle schools rose by 4 percent to 13,000. During the same period, the number of junior high schools declined by 20 percent to 2,600. The total number of secondary schools in 2015–16 (24,000) was about the same as the number in 2005–06.

The average number of students in public elementary schools in 2015–16 (482) was higher than in 2005–06 (473) (table 216.45). The average enrollment size of public secondary schools decreased from 709 students in 2005–06 to 698 students in 2015–16. The average size of regular public secondary schools—which exclude alternative, special education, and vocational education schools—decreased from 819 students in 2005–06 to 797 students in 2015–16.

## School Choice

Over the past two decades, the range of options that parents have for the education of their children has expanded. Private schools have been a traditional alternative to public school education, but there are now more options for parents to choose public charter schools, and more parents are also homeschooling their children. Between fall 1999 and fall 2015, enrollment in elementary and secondary private schools decreased from 6.0 million to 5.8 million, a decline of 0.3 million or 4 percent (table 205.10). Although private school enrollment declined through much of this period, it was higher in fall 2015 (5.8 million) than in fall 2011 (5.3 million). From fall 1999 to fall 2015, the percentage of students who were enrolled in private schools declined from 11.4 percent to 10.3 percent. In contrast, enrollment in public charter schools increased between fall 1999 and fall 2015, rising from 0.3 million to 2.8 million, an increase of 2.5 million students (table 216.20). During this period, the percentage of public elementary and secondary school students who were in charter schools increased from 0.7 percent to 5.7 percent. In addition, there has been an increase in the number and percentage of 5- to 17-year-olds who are homeschooled (tables 206.10 and 206.20). About 1.7 million children were homeschooled in 2016, compared to 0.9 million in 1999.<sup>3</sup> Also, the percentage of 5- to 17-year-olds who were homeschooled in 2016 (3.3 percent) was higher than in 1999 (1.7 percent).

Charter schools are the typical form of school choice available to parents within the public education sector; however, there is also some opportunity for school choice among traditional public schools. In 2016, the parents of 41 percent of all students in grades 1–12 indicated that public school choice was available to them (table 206.40). Also in 2016, some 20 percent of the students in grades 1–12 were enrolled in public schools chosen by their families (table 206.30). Some 71 percent of students attended an assigned public school and 9 percent attended a private school. There were differences by some characteristics in the percentages of students who attended public schools chosen by their parents and the percentages of students who attended private schools in 2016. For example, the percentage of students attending chosen public schools was higher for Black students (32 percent) and Hispanic students (25 percent) than for White students (14 percent). In contrast, the percentage attending private schools was higher for White students (11 percent) than for Black students (8 percent) and Hispanic students (6 percent). There were also some differences in the percentage of students in chosen

<sup>3</sup> The number of homeschooled children in 1999 is from *Homeschooling in the United States: 1999* (NCES 2001-033), available at <http://nces.ed.gov/pubsearch/pubsinfo.asp?pubid=2001033>. While National Household Education Surveys Program (NHES) administrations prior to 2012 were administered via telephone with an interviewer, NHES:2016 used self-administered paper-and-pencil questionnaires that were mailed to respondents. Measurable differences in estimates between 1999 and 2016 could reflect actual changes in the population, or the changes could be due to the mode change from telephone to mail.

public schools by different levels of parental educational attainment. A lower percentage of students whose parents had completed only a bachelor's degree (18 percent) were enrolled in chosen schools, compared to students whose parents had not completed high school (23 percent) or who had only completed high school (21 percent). In contrast, the percentage of students attending private schools was higher for students whose parents had a bachelor's degree (13 percent) or graduate degree (18 percent) than for students whose parents had less than a high school diploma (5 percent), only a high school diploma (4 percent), or only some college or a vocational degree (6 percent). The percentage of students attending chosen public schools was higher for students living in cities (31 percent) than for students in suburban areas (17 percent), towns (14 percent), and rural areas (11 percent).

Compared with students in assigned public schools, a higher percentage of students in chosen public schools had parents who were very satisfied with some elements of their children's education in 2016 (table 206.50). Among students in grades 3 through 12, the percentage of students whose parents were very satisfied with their school was higher for students in chosen schools (60 percent) than for students in assigned schools (54 percent). Similarly, the percentage of students whose parents were very satisfied with their school's academic standards was higher for students in chosen schools (60 percent) than for students in assigned schools (53 percent). Also, higher percentages of students in chosen schools than in assigned schools had parents who were very satisfied with school order and discipline (57 vs. 53 percent) as well as with staff interaction with parents (51 vs. 47 percent). There was no measurable difference in the percentage of students who had parents who were highly satisfied with the teachers in their school, whether assigned or chosen.

## High School Graduates and Dropouts

About 3,643,000 high school students are expected to graduate during the 2018–19 school year (table 219.10), including 3,285,000 public school graduates and 358,000 private school graduates. High school graduates include only recipients of diplomas, not recipients of equivalency credentials. The 2018–19 projection of high school graduates is slightly lower than the prior record high projection of 3,651,000 graduates for 2017–18, but it exceeds the baby boom era's high point in 1975–76, when 3,142,000 students earned diplomas. In 2015–16, about 84 percent of public high school students graduated with a regular diploma within 4 years of first starting 9th grade (table 219.46). This rate is known as the 4-year adjusted cohort graduation rate (ACGR).

The number of GED credentials issued by states to GED test passers rose from 330,000 in 1977 to 487,000 in 2000 (table 219.60). A record number of 648,000 GED credentials were issued in 2001. In 2002, there were revisions to

the GED test and to the data reporting procedures. In 2001, test takers were required to successfully complete all five components of the GED or else begin the five-part series again with the new test that was introduced in 2002. Prior to 2002, reporting was based on summary data from the states on the number of GED credentials issued. As of 2002, reporting has been based on individual GED candidate- and test-level records collected by the GED Testing Service.<sup>4</sup> In 2013, some 541,000 people passed the GED tests, up from 387,000 in 2003.

The status dropout rate has decreased over the past two decades (table 219.70). The status dropout rate is the percentage of the civilian noninstitutionalized 16- to 24-year-old population who are not enrolled in school and who have not completed a high school program, regardless of when they left school. (People who left school but went on to receive a GED credential are not treated as dropouts.) Between 1990 and 2016, the status dropout rate declined from 12.1 to 6.1 percent. During this period, the status dropout rate for Black 16- to 24-year-olds declined from 13.2 percent to 6.2 percent and the rate for Hispanic 16- to 24-year-olds declined from 32.4 to 8.6 percent. In 2016, the status dropout rate for White 16- to 24-year-olds (5.2 percent) was lower than the rate for Hispanic 16- to 24-year-olds, but it was not measurably different from the rate for Black 16- to 24-year-olds.

## Achievement

Most of the student performance data in the *Digest* are drawn from the National Assessment of Educational Progress (NAEP). The NAEP assessments have been conducted using three basic designs: the national main NAEP, state NAEP (which includes the Trial Urban District Assessment), and national long-term trend NAEP. The main NAEP reports current information for the nation and specific geographic regions of the country. The assessment program includes students drawn from both public and private schools and reports results for student achievement at grades 4, 8, and 12. The main NAEP assessments follow the frameworks developed by the National Assessment Governing Board and use the latest advances in assessment methodology. Because the assessment items reflect curricula associated with specific grade levels, the main NAEP uses samples of students at those grade levels.

Since 1990, NAEP assessments have also been conducted at the state level. Each participating state receives assessment results that report on the performance of students in that state. In its content, the state assessment is identical to the assessment conducted nationally. From 1990 through 2001, the national sample was a subset of the combined sample of students assessed in each participating

<sup>4</sup> Information on changes in GED test series and reporting is based on the 2003 edition of *Who Passed the GED Tests?*, by the GED Testing Service of the American Council on Education, as well as communication with staff of the GED Testing Service.

state along with an additional sample from the states that did not participate in the state assessment. For mathematics, reading, science, and writing assessments since 2002, a combined sample of public schools has been selected for 4th- and 8th-grade national NAEP and state NAEP (including the Trial Urban District Assessment).

NAEP long-term trend assessments are designed to give information on the changes in the basic achievement level of America's youth since the early 1970s. They are administered nationally and report student performance in reading and mathematics at ages 9, 13, and 17. Measuring long-term trends of student achievement requires the precise replication of past procedures. For example, students of specific ages are sampled in order to maintain consistency with the original sample design. Similarly, the long-term trend instrument does not evolve based on changes in curricula or in educational practices. The differences in procedures between the main NAEP and the long-term trend NAEP mean that their results cannot be compared directly.

The following paragraphs discuss results for the national main NAEP, state NAEP, and long-term trend NAEP. Readers should keep in mind that comparisons of NAEP scores in the text (like all comparisons of estimates in the *Digest*) are based on statistical testing of unrounded values.

## Reading

The main NAEP reading assessment data are reported on a scale of 0 to 500. In 2017, the average reading score for 4th-grade students (222) was not measurably different from the 2015 score but was higher than the 1992 score (217) (table 221.10). At grade 4, the 2017 scores for White (232), Black (206), Hispanic (209), and Asian/Pacific Islander (239) students were not measurably different from the scores in 2015, but the score for each group was higher than in 1992 (224, 192, 197, and 216, respectively). In 2017, the average score for American Indian/Alaska Native 4th-graders (202) was not measurably different from the scores in 2015 and 1994 (1994 was the first year data were available for 4th-grade American Indian/Alaska Native students). For 8th-grade students, the score in 2017 (267) was higher than in 2015 (265) or 1992 (260). At grade 8, the 2017 scores for White (275), Black (249), Hispanic (255), and Asian/Pacific Islander (282) students were not measurably different from the scores in 2015. Consistent with the findings at grade 4, the scores for White, Black, Hispanic, and Asian/Pacific Islander 8th-grade students were higher in 2017 than in 1992. In 2017, the score for 8th-grade American Indian/Alaska Native students (253) was not measurably different from the scores in 2015 and in 1994 (1994 was the first year data were available for 8th-grade American Indian/Alaska Native students). For 12th-grade students, the score in 2015 (287) was not measurably different from the score in 2013, but it was lower than the score in 1992 (292). At grade 12, the 2015 scores for White (295), Hispanic (276), and Asian/Pacific Islander

(297) students were not measurably different from the scores in 2013 and in 1992. For Black students, the 2015 score (266) was lower than the 1992 score (273), but it was not measurably different from the 2013 score.

From 1992 through 2017, the average reading scores for White 4th- and 8th-grade students were higher than those of their Black and Hispanic peers (table 221.10). Although the White-Black and White-Hispanic achievement gaps did not change measurably from 2015 to 2017 at either grade 4 or 8, some of the racial/ethnic achievement gaps have narrowed since 1992. At grade 4, the White-Black gap narrowed from 32 points in 1992 to 26 points in 2017; at grade 8, the White-Hispanic gap narrowed from 26 points in 1992 to 19 points in 2017.

While there was no measurable change from 2015 to 2017 in the average reading score for 4th-grade public school students nationally, scores were lower in 2017 than in 2015 in nine states (table 221.40). The 4th-grade scores in the District of Columbia and the remaining 41 states did not change measurably from 2015 to 2017. The scores for 8th-grade public school students were higher in 2017 than in 2015 nationally and in 9 states (table 221.60). However, 8th-grade students in Montana scored lower in 2017 than in 2015, and the scores in the remaining 40 states and the District of Columbia did not change measurably from 2015 to 2017.

Reported on a scale of 0 to 500, NAEP long-term trend results in reading are available for 13 assessment years going back to the first in 1971. The average reading score for 9-year-olds was higher in 2012 (221) than in assessment years prior to 2008, increasing 5 points since 2004 and 13 points since 1971 (table 221.85). The score for 13-year-olds in 2012 (263) was higher than in all previous assessment years except for 1992. The score for 17-year-olds was higher in 2012 (287) than in 2004 (283), but it was not measurably different from the score in 1971 (285).

White, Black, and Hispanic 9-, 13-, and 17-year-old students all had higher average reading scores in 2012 than they did in the first assessment year (which was 1975 for Hispanic students because separate data for Hispanics were not collected in 1971). The scores were higher in 2012 than in 2004 for White, Black, and Hispanic students at all three ages (table 221.85). Reading results for 2012 continued to show gaps in scores between White and Black students (ranging from 23 to 26 points, depending on age) and between White and Hispanic students (about 21 points at all three ages). The White-Black and White-Hispanic achievement gaps were smaller in 2012 than in the first assessment year at all three ages. For example, the White-Black reading gap for 17-year-olds was 53 points in 1971 compared with 26 points in 2012. Similarly, the White-Hispanic gap for 17-year-olds narrowed from 41 points in 1975 to 21 points in 2012.

In 2012, female 9-, 13-, and 17-year-old students continued to have higher average reading scores than male students at

all three ages (table 221.85). The gap between male and female 9-year-olds was 5 points in 2012; this was narrower than the gap in 1971 (13 points). The 8-point gender gap for 13-year-olds in 2012 was not measurably different from the gap in 1971. At age 17, the 8-point gap between males and females in 2012 was not measurably different from the gap in 1971.

## Mathematics

The main NAEP mathematics assessment data for 4th- and 8th-graders are reported on a scale of 0 to 500 (table 222.10). The average 4th-grade mathematics score in 2017 (240) was not measurably different from the score in 2015, but it was higher than the score in 1990 (213). At grade 4, the scores in 2017 for White (248), Black (223), Hispanic (229), and Asian/Pacific Islander (258) students were not measurably different from the 2015 scores, but the score for each group was higher than in 1990 (220, 188, 200, and 225, respectively). The 2017 score for 4th-grade American Indian/Alaska Native students (227) was not measurably different from the scores in 2015 and in 1996 (1996 was the first year data were available for 4th-grade American Indian/Alaska Native students). The 8th-grade score in 2017 (283) was not measurably different from the score in 2015, but it was higher than the score in 1990 (263). At grade 8, the scores for White (293), Black (260), Hispanic (269), and Asian/Pacific Islander (310) students in 2017 were not measurably different from the scores in 2015, but the score for each group was higher than in 1990 (270, 237, 246, and 275, respectively). In 2017, the score for 8th-grade American Indian/Alaska Native students (267) was not measurably different from the scores in 2015 and in 2000 (2000 was the first year data were available for 8th-grade American Indian/Alaska Native students). Due to changes in the 12th-grade mathematics assessment framework, a new trend line started in 2005, with scores reported on a scale of 0 to 300. The 12th-grade score in 2015 (152) was lower than the score in 2013 (153) but not measurably different from the score in 2005, the first year the revised assessment was administered.

From 1990 through 2017, the average mathematics scores for White students in grades 4 and 8 were higher than those of their Black and Hispanic peers (table 222.10). Although the 4th-grade White-Black and White-Hispanic achievement gaps did not change measurably from 2015 to 2017, the White-Black achievement gap narrowed from 32 points in 1990 to 25 points in 2017. The 4th-grade White-Hispanic gap in 2017 (19 points) was not measurably different from the White-Hispanic gap in 1990. The 8th-grade White-Black gap (32 points) and White-Hispanic gap (24 points) in 2017 were not measurably different from the gaps in 2015 or in 1990.

While there was no measurable change from 2015 to 2017 in the average mathematics score for 4th-grade public school students nationally, the score was higher in 2017 than in 2015 in one state (Florida) (table 222.50). The mathematics

scores for public school 4th-grade students were lower in 2017 than in 2015 in 10 states. For the remaining 39 states and the District of Columbia, scores in 2017 were not measurably different from the scores in 2015. At grade 8, the national average mathematics score for public school students in 2017 was not measurably different from the score in 2015 (table 222.60). In one state (Florida), the score for 8th-grade public school students was higher in 2017 than in 2015. In 3 states—Alaska, Rhode Island, and Vermont—the score for 8th-grade students in public schools was lower in 2017 than in 2015. The scores in the remaining 46 states and the District of Columbia showed no measurable difference between 2015 and 2017.

NAEP long-term trend mathematics results, reported on a scale of 0 to 500, are available for 12 assessment years, going back to the first in 1973. In 2012, the average mathematics score for 9-year-olds (244) was higher than in all previous assessment years prior to 2008 (table 222.85). The score for 9-year-olds in 2012 was 5 points higher than in 2004 and 25 points higher than in 1973. The score for 13-year-olds in 2012 (285) was higher than in all previous assessment years. For 13-year-olds, the score in 2012 was 6 points higher than in 2004 and 19 points higher than in 1973. In contrast, the score for 17-year-olds in 2012 (306) was not measurably different from the scores in 2004 and in 1973.

White, Black, and Hispanic 9-, 13-, and 17-year-olds all had higher average mathematics scores in 2012 than in 1973 (table 222.85). In comparison to 2004, scores were higher in 2012 for White 9- and 13-year-olds; Hispanic 13-year-olds; and Black 13-year-olds. Mathematics results for 2012 continued to show achievement gaps between White and Hispanic students (ranging from 17 to 21 points [based on unrounded scores], depending on age) and between White and Black students (ranging from 25 to 28 points). For 9-year-olds, the White-Black gap was lower in 2012 than in 1973. For 13- and 17-year-olds, both the White-Black and the White-Hispanic gaps were lower in 2012 than in 1973. For example, among 17-year-olds, the White-Black gap was 40 points in 1973 compared to 26 points in 2012, and the White-Hispanic gap was 33 points in 1973 compared to 19 points in 2012.

While there was no significant difference between the average mathematics scores of male and female 9- and 13-year-olds in 2012, male students did score higher than female students at age 17 (table 222.85). At age 17, the 4-point gender score gap in 2012 was smaller than the gap in 1973 (8 points).

## Science

NAEP has assessed the science abilities of students in grades 4, 8, and 12 in both public and private schools since 1996. As of 2009, however, NAEP science assessments are based on a new framework, so results from these assessments cannot be compared to results from earlier science assessments. Scores are based on a scale ranging from 0 to

300 (table 223.10). In 2015, the average 4th-grade science score (154) was higher than the score in 2009 (150). The 8th-grade score in 2015 (154) was higher than the scores in 2009 (150) and in 2011 (152). The 12th-grade score in 2015 (150) was not measurably different from the score in 2009. In addition, the 5-point gender gap between male and female 12th-graders in 2015 was not measurably different from the gap in 2009. While the scores for White 4th- and 8th-grade students remained higher than those of their Black and Hispanic peers in 2015, racial/ethnic achievement gaps in 2015 were smaller than in 2009. At grade 4, the White-Black achievement gap was 36 points in 2009 and 33 points in 2015, and the White-Hispanic achievement gap was 32 points in 2009 and 27 points in 2015. While the scores for White 12th-grade students remained higher than those of their Black and Hispanic peers in 2015, these racial/ethnic achievement gaps were not measurably different between 2009 and 2015.

### Skills of Young Children

In addition to student performance data available through NAEP, the *Digest* presents data from other surveys to provide additional perspectives on student achievement. Differences among demographic groups in the acquisition of cognitive skills have been demonstrated at relatively early ages in the Early Childhood Longitudinal Survey's Birth Cohort (ECLS-B) study as well as its Kindergarten Class (ECLS-K) studies.

In 2003–04, about 64 percent of 2-year-olds demonstrated proficiency in expressive vocabulary, which measured toddlers' ability to communicate using gestures, words, and sentences (*web-only table 220.20*). The percentage of 2-year-olds demonstrating expressive vocabulary was higher for females (69 percent) than for males (59 percent). Also, a higher percentage of White (71 percent) and Asian (62 percent) 2-year-olds demonstrated expressive vocabulary than of Black, Hispanic, or American Indian/Alaska Native 2-year-olds (56, 54, and 50 percent, respectively). The percentage of 2-year-olds from families with high socioeconomic status (SES) who demonstrated expressive vocabulary (75 percent) was higher than the percentage of children from low-SES families who did so (52 percent).

Patterns of differences were also observed by race/ethnicity and SES for children at about 4 years of age (48 to 57 months old). In 2005–06, average early reading scores were higher for White (27) and Asian (31) 48- to 57-month-old children than for Black (23), Hispanic (21), and American Indian/Alaska Native (20) children (table 220.30). High-SES children (33) had higher early reading scores than low-SES children (19) at this age. These same patterns were observed among 48- to 57-month-old children with respect to average mathematics scores. White (32) and Asian (35) 48- to 57-month-old children had higher mathematics scores than Black (27), Hispanic (26), and American Indian/

Alaska Native (23) children. High-SES children (36) had higher average mathematics scores than low-SES children (24) at this age.

Children who enrolled in kindergarten for the first time in 2010–11 showed similar patterns of score differences by race/ethnicity and SES (tables 220.40 and *web-only table 220.41*). In fall 2010, average mathematics scores were higher for first-time kindergartners from high-SES families (43) than for those from low-SES families (28). White (38) and Asian (39) first-time kindergartners had higher mathematics scores than their Black (32), Hispanic (31), and American Indian/Alaska Native (33) peers. Similarly, average early reading scores in fall 2010 were higher for White (55) and Asian (57) first-time kindergartners than for their Black (52), Hispanic (49), and American Indian/Alaska Native (50) peers. High-SES children (60) had higher early reading scores than low-SES children (47). Most of these same patterns were observed among these children during 4th grade in spring 2014. White (114) and Asian (117) 4th-graders had higher mathematics scores than their Black (100) and Hispanic (106) peers. Asian 4th-graders had higher mathematics scores than American Indian/Alaska Native (111) 4th-graders; however, there was no measurable difference between the mathematics scores for White and American Indian/Alaska Native students. Mathematics scores were higher for 4th-graders from high-SES families (118) than for those from low-SES families (102). Early reading scores were also higher for White (126) and Asian (127) 4th-graders than for their Black (118), Hispanic (120), and American Indian/Alaska Native (121) peers, and 4th-graders from high-SES families (130) had higher early reading scores than those from low-SES families (116).

### Coursetaking in High School

The average number of science and mathematics courses completed by public high school graduates increased between 1982 and 2009. The average number of mathematics courses (Carnegie units) completed in high school rose from 2.6 in 1982 to 3.9 in 2009, and the number of science courses rose from 2.2 to 3.5 (table 225.10). The average number of courses in career/technical areas completed by public high school graduates was lower in 2009 (2.5 units) than in 2000 (2.9 units). As a result of the increased academic course load, the percentage of public and private high school graduates completing the 1983 National Commission on Excellence recommendations (4 units of English, 3 units of social studies, 3 units of science, 3 units of mathematics, and 2 units of foreign language) rose from 10 percent in 1982 to 62 percent in 2009 (*web-only table 225.50*).

### School Violence

In 2015–16, some 69 percent of public schools reported one or more violent incidents, such as a serious violent incident, a physical attack, or a threat of a physical attack

(table 229.10). This 2015–16 percentage was not measurably different from the percentage of schools reporting violent incidents in 1999–2000. Serious violent incidents is a subcategory of violent incidents that includes the crimes of rape, sexual assault, robbery, and aggravated assault. The percentage of schools reporting a serious violent incident in 2015–16 (15 percent) was lower than the percentage reporting a serious violent incident in 1999–2000 (20 percent). The percentage of schools reporting a physical attack or fight without a weapon in 2015–16 (65 percent) was not measurably different from the percentage in 1999–2000; however, the percentage of schools reporting a physical attack or fight with a weapon in 2015–16 (3 percent) was lower than the percentage in 1999–2000 (5 percent). Also, the percentage of schools reporting a threat of a physical attack without a weapon in 2015–16 (39 percent) was lower than the percentage in 1999–2000 (52 percent). Overall, schools reported 18 violent incidents per 1,000 students in 2015–16, which was lower than the 31 violent incidents per 1,000 students reported in 1999–2000 (table 229.20).

On the National Crime Victimization Survey, students ages 12 to 18 reported a decrease in victimizations at school between 1992 and 2016 (table 228.20). The total victimization rates for students ages 12 to 18 declined 84 percent, from 181 victimizations per 1,000 students in 1992 to 29 victimizations per 1,000 students in 2016. This pattern of decline in total victimization rates between 1992 and 2016 also held for thefts, violent victimizations, and serious violent victimizations. Thefts at school declined from a rate of 114 thefts per 1,000 students to 12 thefts per 1,000 students. The rate of violent victimization at school declined overall from 68 victimizations per 1,000 students in 1992 to 18 victimizations per 1,000 in 2016. Serious violent victimizations at school declined from 8 victimizations per 1,000 students in 1992 to 3 victimizations per 1,000 in 2015.

## Revenues and Expenditures

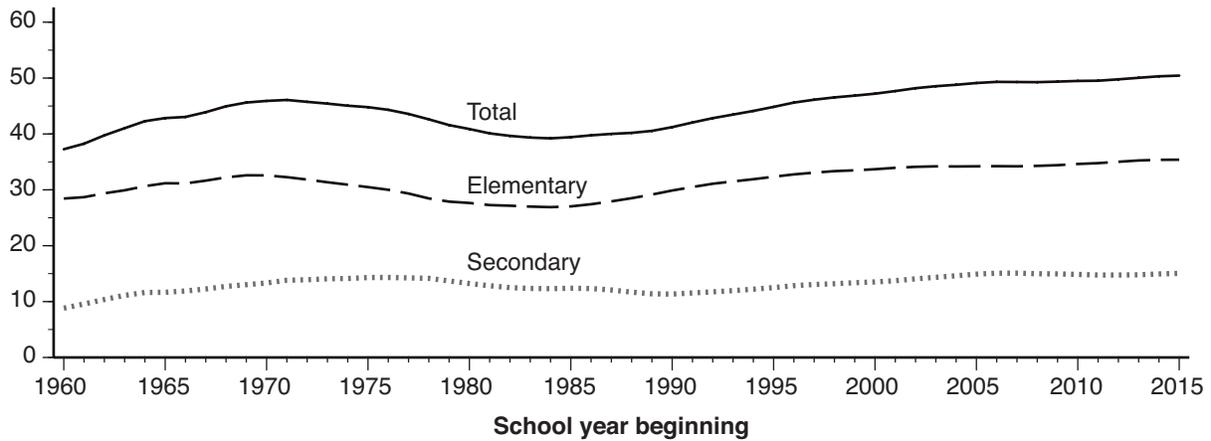
The state share of revenues for public elementary and secondary schools generally grew from the 1930s through the mid-1980s, while the local share declined during the same time period (table 235.10 and figure 10).<sup>5</sup> However, this pattern changed in the late 1980s, when the local share began to increase at the same time that the state share decreased. Between 1986–87 and 1993–94, the state share declined from 49.7 percent to 45.2 percent, while the local share rose from 43.9 percent to 47.8 percent. Between 1993–94 and 2000–01, the state share rose again to 49.7 percent—the highest share since 1986–87—but declined every school year thereafter until 2005–06, when the state share was 46.5 percent. In more recent years, the federal share in 2014–15 (8.5 percent) was lower than in 2004–05 (9.2 percent). Also, the state share in 2014–15 (46.6 percent) was lower than in 2004–05 (46.9 percent). In contrast, the local share in 2014–15 (45.0 percent) was higher than in 2004–05 (44.0 percent).

After adjustment for inflation, current expenditures per student at public schools (based on fall enrollment) rose during the 1980s but remained stable during the first part of the 1990s (table 236.55 and figure 11). There was an increase of 37 percent from 1980–81 to 1990–91, followed by minor fluctuations from 1990–91 to 1994–95. Current expenditures per student increased 34 percent from 1994–95 to 2008–09 but declined 5 percent from 2008–09 to 2012–13. Current expenditures per student increased in both 2013–14 and 2014–15, reaching \$11,445 in unadjusted dollars in 2014–15. The expenditure for public school student transportation was \$932 per student in 2014–15 (also in unadjusted dollars), and 55 percent of students were transported at public expense in 2007–08 (table 236.90).

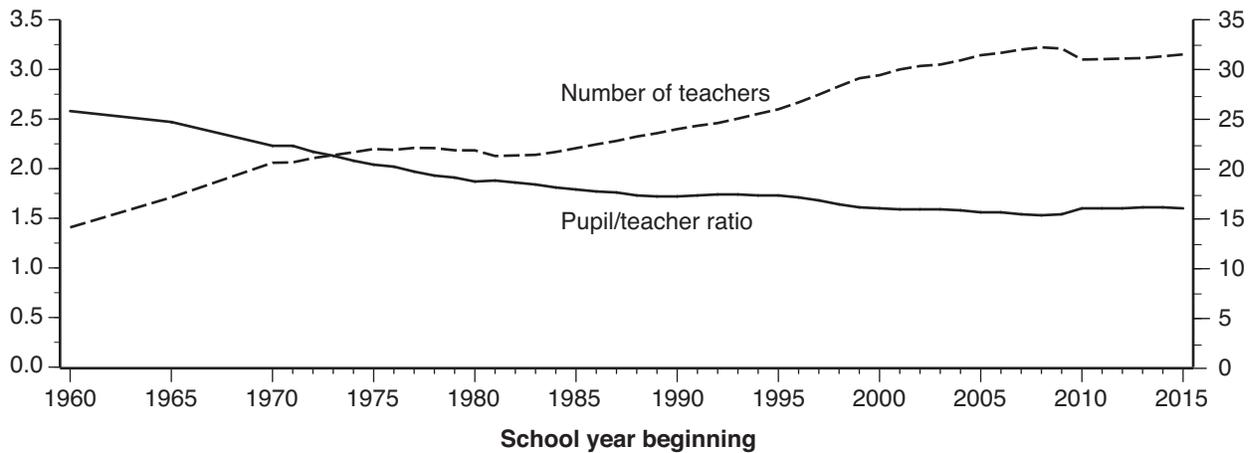
<sup>5</sup> For data on individual years from 1980–81 through 1988–89, see *Digest of Education Statistics 2011* (NCES 2012-001), table 180.

**Figure 7. Enrollment, number of teachers, pupil/teacher ratio, and current expenditures in public elementary and secondary schools: Selected years, 1960–61 through 2015–16**

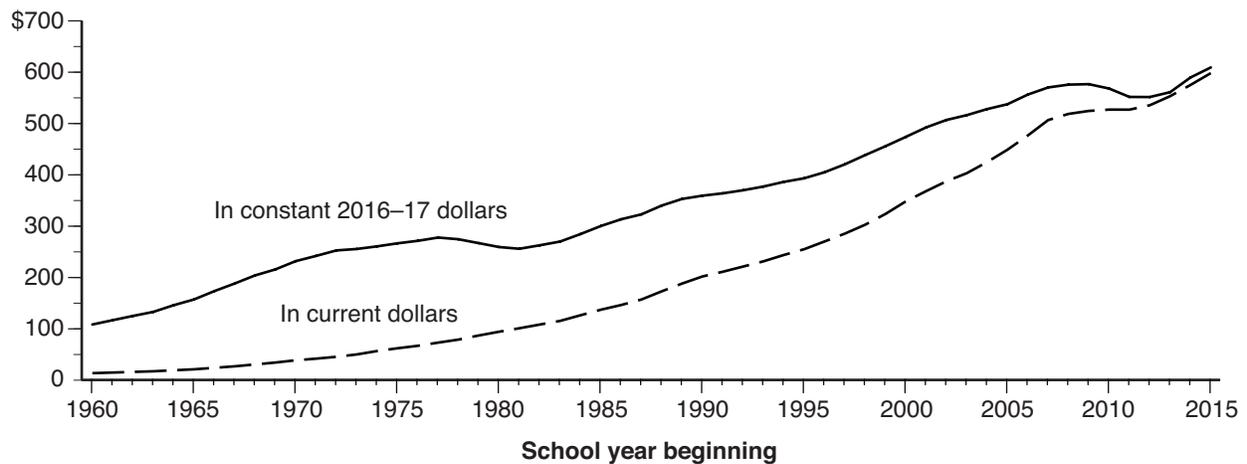
**Fall enrollment, in millions**



**Teachers, in millions**

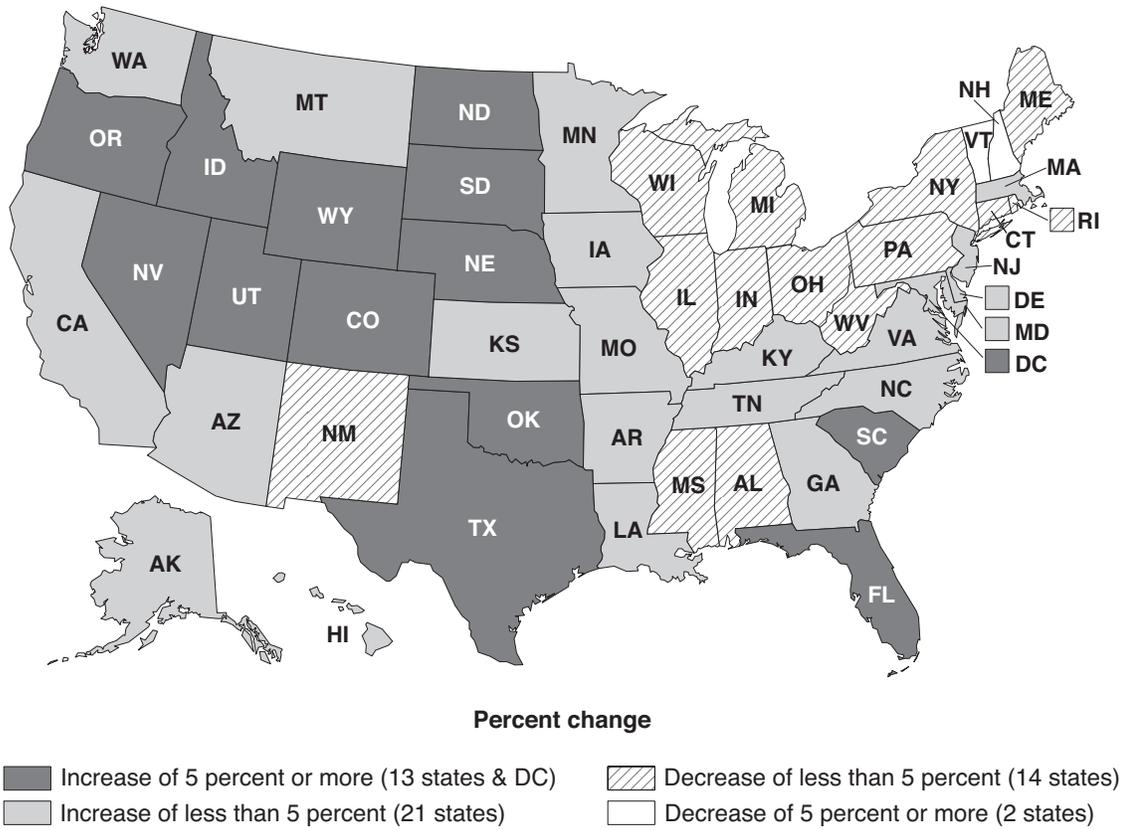


**Current expenditures, in billions**



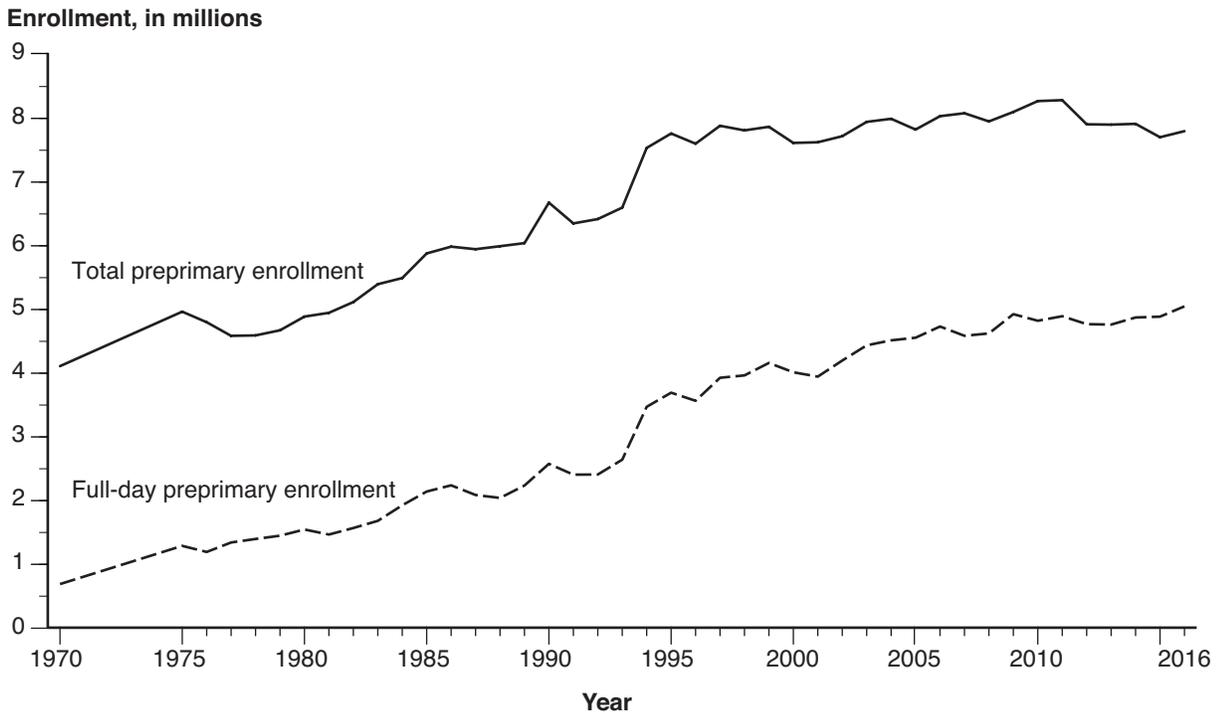
NOTE: Expenditure data for school year 2015 (2015–16) are projected.  
 SOURCE: U.S. Department of Education, National Center for Education Statistics, *Statistics of State School Systems*, 1959–60 through 1969–70; *Statistics of Public Elementary and Secondary Day Schools*, 1959–60 through 1980–81; *Revenues and Expenditures for Public Elementary and Secondary Education*, 1970–71 through 1980–81; Common Core of Data (CCD), “State Nonfiscal Survey of Public Elementary/Secondary Education,” 1981–82 through 2015–16; “National Public Education Financial Survey,” 1989–90 through 2014–15; and Public Elementary and Secondary Education Current Expenditure Projection Model, 1973–74 through 2027–28.

**Figure 8. Percentage change in public elementary and secondary enrollment, by state: Fall 2010 to fall 2015**



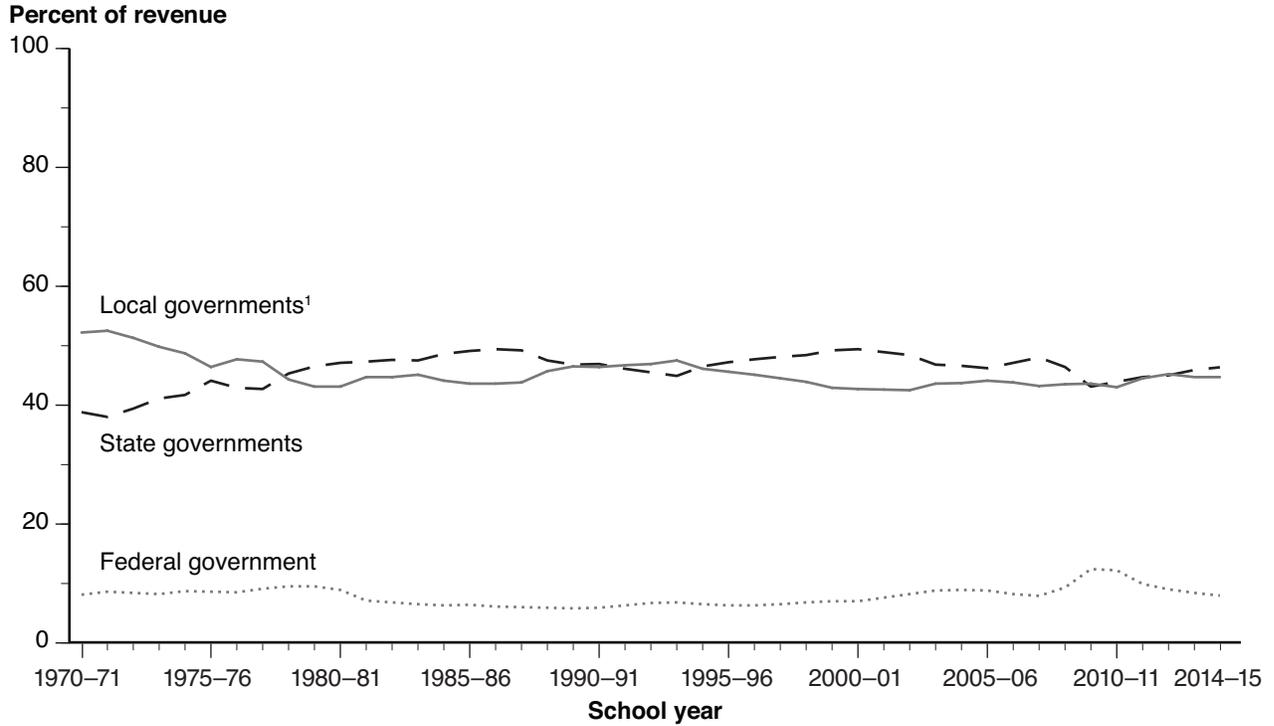
NOTE: Includes imputations for prekindergarten enrollment in California and Oregon. Graphic display was generated using unrounded data.  
 SOURCE: U.S. Department of Education, National Center for Education Statistics, Common Core of Data (CCD), "State Nonfiscal Survey of Public Elementary/Secondary Education," 2010–11 and 2015–16.

**Figure 9. Total and full-day preprimary enrollment of 3- to 5-year-olds: October 1970 through October 2016**



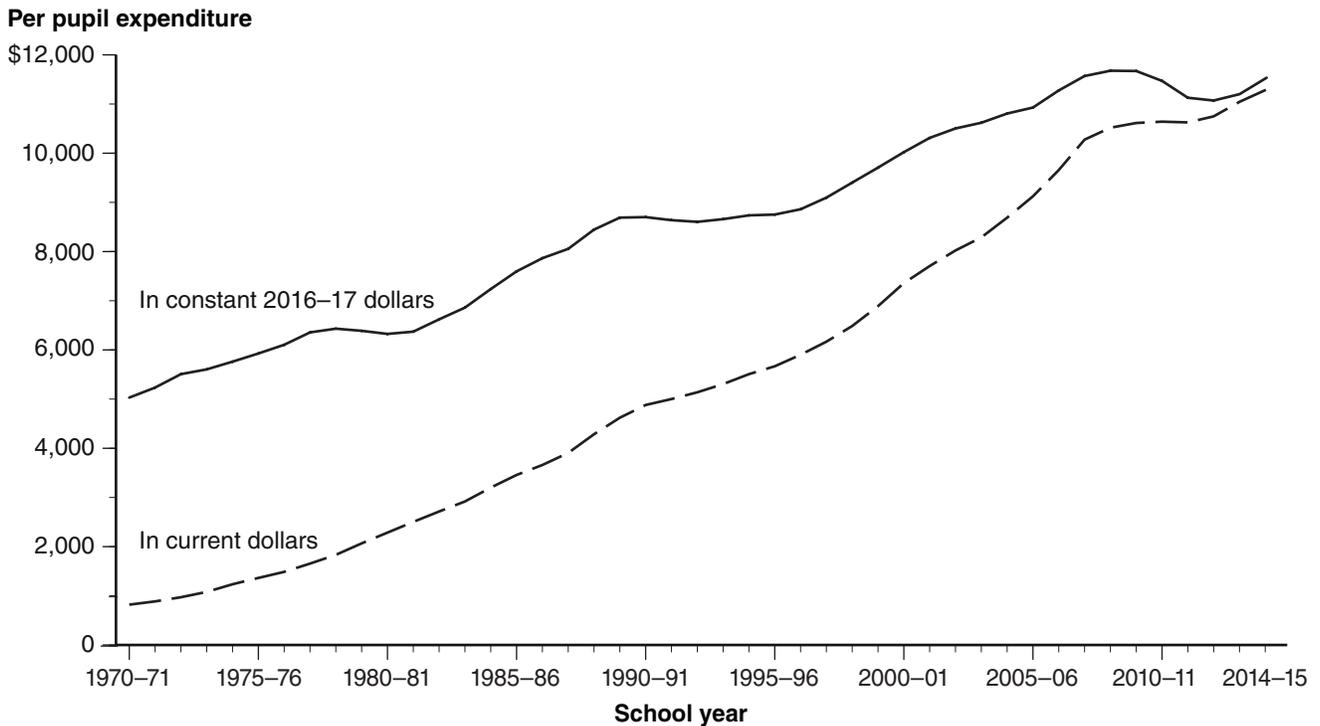
NOTE: Data prior to 1994 may not be comparable to later years.  
 SOURCE: U.S. Department of Education, National Center for Education Statistics, *Preprimary Enrollment*, 1970 and 1975; U.S. Department of Commerce, Census Bureau, Current Population Survey (CPS), October 1976 through October 2016.

**Figure 10. Percentage of revenue for public elementary and secondary schools, by source of funds: 1970–71 through 2014–15**



<sup>1</sup>Includes intermediate sources below the state level.  
 NOTE: Beginning in 1988–89, extensive changes were made in the data collection procedures.  
 SOURCE: U.S. Department of Education, National Center for Education Statistics, *Revenues and Expenditures for Public Elementary and Secondary Education, 1970–71 through 1986–87*; and Common Core of Data (CCD), “National Public Education Financial Survey,” 1987–88 through 2014–15.

**Figure 11. Current expenditure per pupil in fall enrollment in public elementary and secondary schools: 1970–71 through 2014–15**



NOTE: Current expenditures include instruction, support services, food services, and enterprise operations. Beginning in 1988–89, extensive changes were made in the data collection procedures. Constant dollars based on the Consumer Price Index, prepared by the Bureau of Labor Statistics, U.S. Department of Labor, adjusted to a school-year basis.  
 SOURCE: U.S. Department of Education, National Center for Education Statistics, *Revenues and Expenditures for Public Elementary and Secondary Education, 1970–71 through 1986–87*; and Common Core of Data (CCD), “National Public Education Financial Survey,” 1987–88 through 2014–15.

**Table 201.10. Historical summary of public elementary and secondary school statistics: Selected years, 1869–70 through 2014–15**

Selected characteristic	1869–70	1879–80	1889–90	1899–1900	1909–10	1919–20	1929–30	1939–40	1949–50	1959–60	1969–70	1979–80	1989–90	1999–2000	2009–10	2011–12	2012–13	2013–14	2014–15
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
<b>Population, pupils, and instructional staff</b>																			
Total population (in thousands) <sup>1</sup> .....	38,558	50,156	62,622	75,995	90,490	104,514	121,878	131,028	149,188	177,830	201,385	225,055	246,819	279,040	306,772	311,663	313,998	316,205	318,563
5- to 17-year-olds (in thousands) <sup>1</sup> .....	11,683	15,066	18,473	21,573	24,011	27,571	31,414	30,151	30,223	43,881	52,386	48,043	44,947	52,811	53,890	53,790	53,727	53,725	53,700
5- to 17-year-olds as a percent of total population .....	30.3	30.0	29.5	28.4	26.5	26.4	25.8	23.0	20.3	24.7	26.0	21.3	18.2	18.9	17.6	17.3	17.1	17.0	16.9
<b>Total enrollment in elementary and secondary schools (in thousands)<sup>2</sup> .....</b>																			
Prekindergarten through grade 8 (in thousands) ...	7,562 <sup>3</sup>	9,867	12,723	15,503	17,814	21,578	25,678	25,434	25,112	36,087	45,550	41,651	40,543	46,857	49,361	49,522	49,771	50,045	50,313
Grades 9–12 (in thousands) .....	7,481 <sup>3</sup>	9,757	12,520	14,984	16,899	19,378	21,279	18,833	19,387	27,602	32,513	28,034	29,152	33,486	34,409	34,773	35,018	35,251	35,370
Enrollment as a percent of total population .....	19.6 <sup>3</sup>	19.7	20.3	20.4	19.7	20.6	21.1	19.4	16.8	20.3	22.6	18.5	16.4	16.8	16.1	15.9	15.9	15.8	15.8
Enrollment as a percent of 5- to 17-year-olds .....	64.7 <sup>3</sup>	65.5	68.9	71.9	74.2	78.3	81.7	84.4	83.1	82.2	87.0	86.7	90.2	88.7	91.6	92.1	92.6	93.1	93.7
Percent of total enrollment in grades 9–12 .....	1.1 <sup>3</sup>	1.1	1.6	3.3	5.1	10.2	17.1	26.0	22.8	23.5	28.6	32.7	28.1	28.5	30.3	29.8	29.6	29.6	29.7
High school graduates (in thousands) .....	—	—	22	62	111	231	592	1,143	1,063	1,627	2,589	2,748	2,320	2,554	3,128	3,149	3,169	—	—
Average daily attendance (in thousands) .....	4,077	6,144	8,154	10,633	12,827	16,150	21,265	22,042	22,284	32,477	41,934	38,289	37,799	43,807	45,919	46,400	46,554	46,830	47,064
Total number of days attended by pupils enrolled (in millions) .....	539	801	1,098	1,535	2,011	2,615	3,673	3,858	3,964	5,782	7,501	6,835 <sup>4</sup>	—	7,858	8,199	8,298	8,354	8,404	8,434
Percent of enrolled pupils attending daily .....	59.3	62.3	64.1	68.6	72.1	74.8	82.8	86.7	88.7	90.0	90.4	90.1 <sup>4</sup>	—	94.3	—	93.9	—	—	—
Average length of school term, in days .....	132.2	130.3	134.7	144.3	157.5	161.9	172.7	175.0	177.9	178.0	178.9	178.5 <sup>4</sup>	—	179.4	178.6	178.8	179.5	179.5	179.2
Average number of days attended per pupil .....	78.4	81.1	86.3	99.0	113.0	121.2	143.0	151.7	157.9	160.2	161.7	160.8 <sup>4</sup>	—	169.2	—	167.9	—	—	—
<b>Total full-time-equivalent (FTE) instructional staff (in thousands) .....</b>																			
Supervisors (in thousands) .....	—	—	—	—	—	678	880	912	963	1,457	2,286	2,406	2,986	3,819	4,279	4,134	4,158	4,167	4,205
Principals (in thousands) .....	—	—	—	—	—	7	7	5	—	—	—	—	—	—	—	—	—	—	—
Teachers, teacher aides, librarians, and guidance counselors (in thousands) <sup>5</sup> .....	—	—	—	—	—	14	31	32	43	64	91	106	126	137	168	166	169	168	175
Teachers, teacher aides, librarians, and guidance counselors (in thousands) <sup>5</sup> .....	201	287	364	423	523	657	843	875	920	1,393	2,195	2,300	2,860	3,682	4,111	3,967	3,989	3,999	4,030
Males (in thousands) .....	78	123	126	127	110	93	140	195	196	404 <sup>4</sup>	711 <sup>4</sup>	782 <sup>4</sup>	—	—	—	—	—	—	—
Females (in thousands) .....	123	164	238	296	413	585	703	681	724	989 <sup>4</sup>	1,484 <sup>4</sup>	1,518 <sup>4</sup>	—	—	—	—	—	—	—
Percent male .....	38.7	42.8	34.5	29.9	21.1	14.1	16.6	22.2	21.3	29.0 <sup>4</sup>	32.4 <sup>4</sup>	34.0 <sup>4</sup>	—	—	—	—	—	—	—
<b>Amounts in current dollars</b>																			
<b>Total revenues and expenditures</b>																			
Total revenue receipts (in millions) .....	—	—	\$143	\$220	\$433	\$970	\$2,089	\$2,261	\$5,437	\$14,747	\$40,267	\$96,881	\$208,548	\$372,944	\$596,391	\$597,885	\$603,770	\$623,650	\$647,679
Federal government .....	—	—	—	—	—	2	7	40	156	652	3,220	9,504	12,701	27,098	75,998	60,921	55,861	54,506	55,003
State governments .....	—	—	—	—	—	160	354	684	2,166	5,768	16,063	45,349	98,239	184,613	258,864	269,043	273,215	288,637	301,530
Local sources, including intermediate .....	—	—	—	—	—	808	1,728	1,536	3,116	8,327	20,985	42,029	97,608	161,233	261,529	267,921	274,694	280,507	291,147
Percentage distribution of revenue receipts																			
Federal government .....	—	—	—	—	—	0.3	0.4	1.8	2.9	4.4	8.0	9.8	6.1	7.3	12.7	10.2	9.3	8.7	8.5
State governments .....	—	—	—	—	—	16.5	16.9	30.3	39.8	39.1	39.9	46.8	47.1	49.5	43.4	45.0	45.3	46.3	46.6
Local sources, including intermediate .....	—	—	—	—	—	83.2	82.7	68.0	57.3	56.5	52.1	43.4	46.8	43.2	43.9	44.8	45.0	45.0	45.0
Total expenditures for public schools (in millions) .....	\$63	\$78	\$141	\$215	\$426	\$1,036	\$2,317	\$2,344	\$5,838	\$15,613	\$40,683	\$95,962	\$212,770	\$381,838	\$607,018	\$601,994	\$606,813	\$625,018	\$651,135
Current expenditures <sup>6</sup> .....	—	—	114	180	356	861	1,844	1,942	4,687	12,329 <sup>7</sup>	34,218 <sup>7</sup>	86,984 <sup>7</sup>	188,229 <sup>7</sup>	323,889 <sup>7</sup>	524,715 <sup>7</sup>	527,207 <sup>7</sup>	535,796 <sup>7</sup>	553,501 <sup>7</sup>	575,332 <sup>7</sup>
Capital outlay <sup>8</sup> .....	—	—	26	35	70	154	371	258	1,014	2,662	4,659	6,506	17,781	43,357	56,715	48,793	45,721	46,438	50,610
Interest on school debt .....	—	—	—	—	—	18	93	131	101	490	1,171	1,874	3,776	9,135	17,232	17,804	17,266	17,152	17,479
Other current expenditures <sup>9</sup> .....	—	—	—	—	—	3	10	13	36	133	636	598 <sup>10</sup>	2,983	5,457	8,356	8,189	8,031	7,926	7,714
Percentage distribution of total expenditures																			
Current expenditures <sup>6</sup> .....	—	—	81.3	83.5	83.6	83.1	79.6	82.8	80.3	79.0 <sup>7</sup>	84.1 <sup>7</sup>	90.6 <sup>7</sup>	88.5 <sup>7</sup>	84.8 <sup>7</sup>	86.4 <sup>7</sup>	87.6 <sup>7</sup>	88.3 <sup>7</sup>	88.6 <sup>7</sup>	88.4 <sup>7</sup>
Capital outlay <sup>8</sup> .....	—	—	18.7	16.5	16.4	14.8	16.0	11.0	17.4	17.0	11.5	6.8	8.4	11.4	9.3	8.1	7.5	7.4	7.8
Interest on school debt .....	—	—	—	—	—	1.8	4.0	5.6	1.7	3.1	2.9	2.0	1.8	2.4	2.8	3.0	2.8	2.7	2.7
Other current expenditures <sup>9</sup> .....	—	—	—	—	—	0.3	0.4	0.6	0.6	0.8	1.6	0.6 <sup>10</sup>	1.4	1.4	1.4	1.4	1.3	1.3	1.2

See notes at end of table.

**Table 201.10. Historical summary of public elementary and secondary school statistics: Selected years, 1869–70 through 2014–15—Continued**

Selected characteristic	1869–70	1879–80	1889–90	1899–1900	1909–10	1919–20	1929–30	1939–40	1949–50	1959–60	1969–70	1979–80	1989–90	1999–2000	2009–10	2011–12	2012–13	2013–14	2014–15
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
<b>Teacher salaries; income and expenditures per pupil and per capita</b>																			
Annual salary of classroom teachers <sup>11</sup> .....	\$189	\$195	\$252	\$325	\$485	\$871	\$1,420	\$1,441	\$3,010	\$4,995	\$8,626	\$15,970	\$31,367	\$41,807	\$55,202	\$55,418	\$56,103	\$56,610	\$57,420
Personal income per member of labor force <sup>1</sup> .....	—	—	—	—	—	—	1,734	1,333	3,446	5,897	9,913	19,800	37,297	57,319	78,465	86,283	89,789	90,571	95,036
Total school expenditures per capita of total population .....	2	2	2	3	5	10	19	18	39	88	202	426	862	1,368	1,979	1,932	1,933	1,977	2,044
National income per capita <sup>1</sup> .....	—	—	—	—	—	—	773	630	1,609	2,584	4,467	9,990	19,375	29,832	39,528	42,842	44,783	45,682	47,538
Current expenditure per pupil in ADA <sup>6,12,13</sup> .....	—	—	14	17	28	53	87	88	210	375	816	2,272	4,980	7,394	11,427	11,362	11,509	11,819	12,224
Total expenditure per pupil in ADA <sup>13,14</sup> .....	16	13	17	20	33	64	108	106	260	471	955	2,491	5,547	8,589	13,035	12,796	12,859	13,174	13,668
National income per pupil in ADA <sup>13</sup> .....	—	—	—	—	—	—	4,430	3,743	10,770	14,152	21,450	58,717	126,516	190,026	264,075	287,762	302,057	308,454	321,772
Current expenditure per day per pupil in ADA <sup>6,13,15</sup> .....	—	—	0.10	0.12	0.18	0.33	0.50	0.50	1.17	2.11	4.56	12.73	—	41.22	64.00	63.53	64.13	65.86	68.22
Total expenditure per day per pupil in ADA <sup>13</sup> .....	0.12	0.10	0.13	0.14	0.21	0.40	0.63	0.60	1.46	2.65	5.34	13.95	—	47.90	73.02	71.56	71.67	73.43	76.29
Amounts in constant 2016–17 dollars <sup>16</sup>																			
Annual salary of classroom teachers <sup>11</sup> .....	—	—	—	—	—	\$11,090	\$20,130	\$25,021	\$30,840	\$41,251	\$55,411	\$49,917	\$59,944	\$59,924	\$61,804	\$59,093	\$58,844	\$58,463	\$58,871
Personal income per member of labor force <sup>1</sup> .....	—	—	—	—	—	—	24,588	23,139	35,309	48,703	63,677	61,887	71,276	82,158	87,850	92,005	94,176	93,535	97,437
Total school expenditures per capita of total population .....	—	—	—	—	—	126	269	311	401	725	1,298	1,333	1,647	1,961	2,215	2,060	2,027	2,041	2,096
National income per capita <sup>1</sup> .....	—	—	—	—	—	—	10,957	10,933	16,483	21,344	28,692	31,224	37,027	42,760	44,256	45,683	46,971	47,177	48,739
Current expenditure per pupil in ADA <sup>6,12,13</sup> .....	—	—	—	—	—	679	1,229	1,530	2,155	3,098	5,242	7,101	9,516	10,598	12,794	12,116	12,072	12,206	12,533
Total expenditure per pupil in ADA <sup>13,14</sup> .....	—	—	—	—	—	814	1,538	1,836	2,668	3,890	6,135	7,785	10,601	12,311	14,594	13,644	13,487	13,606	14,013
National income per pupil in ADA <sup>13</sup> .....	—	—	—	—	—	—	62,798	64,989	110,350	116,869	137,791	183,530	241,778	272,375	295,657	306,845	316,816	318,549	329,901
Current expenditure per day per pupil in ADA <sup>6,13,15</sup> .....	—	—	—	—	—	4.2	7.1	8.7	12.0	17.4	29.3	39.8	—	59.1	71.7	67.7	67.3	68.0	69.9
Total expenditure per day per pupil in ADA <sup>13</sup> .....	—	—	—	—	—	5.1	8.9	10.4	15.0	21.9	34.3	43.6	—	68.7	81.7	76.3	75.2	75.8	78.2

—Not available.

<sup>1</sup>Data on population and labor force are from the Census Bureau, and data on personal income and national income are from the Bureau of Economic Analysis, U.S. Department of Commerce. Population data through 1900 are based on total population from the decennial census. From 1909–10 to 1959–60, population data are total population, including armed forces overseas, as of July 1. Data for later years are for resident population that excludes armed forces overseas.

<sup>2</sup>Data for 1869–70 through 1959–60 are school year enrollment. Data for later years are fall enrollment. Total counts of ungraded students were prorated to prekindergarten through grade 8 and grades 9 through 12 based on prior reports.

<sup>3</sup>Data for 1870–71.

<sup>4</sup>Estimated by the National Center for Education Statistics.

<sup>5</sup>Prior to 1919–20, data are for the number of different persons employed rather than number of positions.

<sup>6</sup>Prior to 1919–20, includes interest on school debt.

<sup>7</sup>Because of the modification of the scope of “current expenditures for elementary and secondary schools,” data for 1959–60 and later years are not entirely comparable with prior years.

<sup>8</sup>Beginning in 1969–70, includes capital outlay by state and local school building authorities.

<sup>9</sup>Includes summer schools, community colleges, and adult education. Beginning in 1959–60, also includes community services, formerly classified with “current expenditures for elementary and secondary schools.”

<sup>10</sup>Excludes community colleges and adult education.

<sup>11</sup>Prior to 1959–60, average includes supervisors, principals, teachers, and other nonsupervisory instructional staff. Data for 1959–60 and later years are estimated by the National Education Association.

<sup>12</sup>Excludes current expenditures not allocable to pupil costs.

<sup>13</sup>“ADA” means average daily attendance in elementary and secondary schools.

<sup>14</sup>Expenditure figure is the sum of current expenditures allocable to pupil costs, capital outlay, and interest on school debt.

<sup>15</sup>Per-day rates derived by dividing annual rates by average length of term.

<sup>16</sup>Constant dollars based on the Consumer Price Index, prepared by the Bureau of Labor Statistics, U.S. Department of Labor, adjusted to a school-year basis.

NOTE: Some data have been revised from previously published figures. Beginning in 1959–60, data include Alaska and Hawaii. Detail may not sum to totals because of rounding.

SOURCE: U.S. Department of Education, National Center for Education Statistics, *Annual Report of the United States Commissioner of Education, 1869–70 through 1909–10; Biennial Survey of Education in the United States, 1919–20 through 1949–50; Statistics of State School Systems, 1959–60 and 1969–70; Statistics of Public Elementary and Secondary School Systems, 1979–80; Revenues and Expenditures for Public Elementary and Secondary Education, FY 1980; Schools and Staffing Survey (SASS), “Public School Questionnaire,” 1999–2000, 2007–08, and 2011–12; Common Core of Data (CCD), “State Nonfiscal Survey of Public Elementary/Secondary Education,” 1989–90 through 2015–16, and “National Public Education Financial Survey,” 1989–90 through 2014–15. U.S. Department of Commerce, Census Bureau, retrieved September 5, 2017, from <https://www.census.gov/data/datasets/2016/demo/popest/nation-detail.html>. U.S. Department of Commerce, Bureau of Economic Analysis, retrieved May 1, 2018, from <http://www.bea.gov/itable/>. U.S. Department of Labor, Bureau of Labor Statistics, retrieved May 1, 2018, from <http://stats.bls.gov/cps/tables.htm#empstat>. (This table was prepared May 2018.)*

**Table 201.20. Enrollment in grades 9 through 12 in public and private schools compared with population 14 to 17 years of age: Selected years, 1889–90 through fall 2017**

[In thousands]

Year	Enrollment, grades 9 to 12														Population 14 to 17 years of age <sup>2</sup>	Enrollment as a ratio of population 14 to 17 years of age <sup>3</sup>	
	All schools	Public schools							Private schools								
		Total	9th grade	10th grade	11th grade	12th grade	Secondary ungraded <sup>1</sup>	Total	9th grade	10th grade	11th grade	12th grade	Secondary ungraded				
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16		
1889–90 .....	298	203	—	—	—	—	—	95	—	—	—	—	—	—	5,355	5.6	
1899–1900 .....	630	519	—	—	—	—	—	111	—	—	—	—	—	—	6,152	10.2	
1909–10 .....	1,032	915	—	—	—	—	—	117	—	—	—	—	—	—	7,220	14.3	
1919–20 .....	2,414	2,200	917	576	396	312	0	214	—	—	—	—	—	—	7,736	31.2	
1929–30 .....	4,741	4,399	1,627	1,192	880	701	0	341 <sup>4</sup>	—	—	—	—	—	—	9,341	50.7	
1939–40 .....	7,059	6,601	2,011	1,767	1,486	1,282	55	458 <sup>5</sup>	—	—	—	—	—	—	9,720	72.6	
1949–50 .....	6,397	5,725	1,761	1,513	1,275	1,134	42	672	—	—	—	—	—	—	8,405	76.1	
Fall 1959 .....	9,306	8,271	—	—	—	—	—	1,035	—	—	—	—	—	—	11,155	83.4	
Fall 1969 .....	14,337	13,037	3,568	3,405	3,047	2,732	285	1,300 <sup>6</sup>	—	—	—	—	—	—	15,549	92.2	
Fall 1970 .....	14,647	13,336	3,654	3,458	3,128	2,775	321	1,311	—	—	—	—	—	—	15,924	92.0	
Fall 1971 .....	15,053	13,753	3,781	3,571	3,200	2,864	337	1,300 <sup>6</sup>	—	—	—	—	—	—	16,328	92.2	
Fall 1972 .....	15,148	13,848	3,779	3,648	3,248	2,873	299	1,300 <sup>6</sup>	—	—	—	—	—	—	16,639	91.0	
Fall 1973 .....	15,344	14,044	3,801	3,650	3,323	2,918	352	1,300 <sup>6</sup>	—	—	—	—	—	—	16,867	91.0	
Fall 1974 .....	15,403	14,103	3,832	3,675	3,302	2,955	339	1,300 <sup>6</sup>	—	—	—	—	—	—	17,035	90.4	
Fall 1975 .....	15,604	14,304	3,879	3,723	3,354	2,986	362	1,300 <sup>6</sup>	—	—	—	—	—	—	17,128	91.1	
Fall 1976 .....	15,656	14,314	3,825	3,738	3,373	3,015	363	1,342	—	—	—	—	—	—	17,119	91.5	
Fall 1977 .....	15,546	14,203	3,779	3,686	3,388	3,026	324	1,343	—	—	—	—	—	—	17,045	91.2	
Fall 1978 .....	15,441	14,088	3,726	3,610	3,312	3,023	416	1,353	—	—	—	—	—	—	16,946	91.1	
Fall 1979 .....	14,916	13,616	3,526	3,532	3,241	2,969	348	1,300 <sup>6</sup>	—	—	—	—	—	—	16,611	89.8	
Fall 1980 .....	14,570	13,231	3,377	3,368	3,195	2,925	366	1,339	—	—	—	—	—	—	16,143	90.3	
Fall 1981 .....	14,164	12,764	3,286	3,218	3,039	2,907	314	1,400 <sup>6</sup>	—	—	—	—	—	—	15,609	90.7	
Fall 1982 .....	13,805	12,405	3,248	3,137	2,917	2,787	315	1,400 <sup>6</sup>	—	—	—	—	—	—	15,057	91.7	
Fall 1983 .....	13,671	12,271	3,330	3,103	2,861	2,678	299	1,400	—	—	—	—	—	—	14,740	92.7	
Fall 1984 .....	13,704	12,304	3,440	3,145	2,819	2,599	300	1,400 <sup>6</sup>	—	—	—	—	—	—	14,725	93.1	
Fall 1985 .....	13,750	12,388	3,439	3,230	2,866	2,550	303	1,362	—	—	—	—	—	—	14,888	92.4	
Fall 1986 .....	13,669	12,333	3,256	3,215	2,954	2,601	308	1,336 <sup>6</sup>	—	—	—	—	—	—	14,824	92.2	
Fall 1987 .....	13,323	12,076	3,143	3,020	2,936	2,681	296	1,247	—	—	—	—	—	—	14,502	91.9	
Fall 1988 .....	12,893	11,687	3,106	2,895	2,749	2,650	288	1,206 <sup>6</sup>	—	—	—	—	—	—	14,023	91.9	
Fall 1989 .....	12,524	11,393	3,141	2,868	2,629	2,473	281	1,131	303	284	267	273	5	13,536	92.5		
Fall 1990 .....	12,476	11,341	3,169	2,896	2,612	2,381	284	1,136 <sup>6</sup>	—	—	—	—	—	—	13,329	93.6	
Fall 1991 .....	12,675	11,544	3,313	2,915	2,645	2,392	278	1,131	309	286	272	260	4	13,491	94.0		
Fall 1992 .....	12,862	11,737	3,352	3,027	2,656	2,431	272	1,125 <sup>6</sup>	—	—	—	—	—	—	13,775	93.4	
Fall 1993 .....	13,081	11,963	3,487	3,050	2,751	2,424	250	1,118	312	286	266	249	5	14,096	92.8		
Fall 1994 .....	13,354	12,215	3,604	3,131	2,748	2,488	244	1,138 <sup>6</sup>	—	—	—	—	—	—	14,637	91.2	
Fall 1995 .....	13,665	12,502	3,704	3,237	2,826	2,487	247	1,163	325	304	276	255	2	15,013	91.0		
Fall 1996 .....	14,027	12,849	3,801	3,323	2,930	2,586	208	1,178 <sup>6</sup>	—	—	—	—	—	—	15,443	90.8	
Fall 1997 .....	14,241	13,056	3,819	3,376	2,972	2,673	216	1,185	326	306	283	266	4	15,769	90.3		
Fall 1998 .....	14,407	13,195	3,856	3,382	3,021	2,722	214	1,212 <sup>6</sup>	—	—	—	—	—	—	15,829	91.0	
Fall 1999 .....	14,600	13,371	3,935	3,415	3,034	2,782	205	1,229	336	313	295	280	5	16,007	91.2		
Fall 2000 .....	14,781	13,517	3,963	3,491	3,083	2,803	177	1,264 <sup>6</sup>	—	—	—	—	—	—	16,144	91.6	
Fall 2001 .....	15,032	13,736	4,012	3,528	3,174	2,863	159	1,296	350	333	316	293	3	16,280	92.3		
Fall 2002 .....	15,374	14,069	4,105	3,584	3,229	2,990	161	1,306 <sup>6</sup>	—	—	—	—	—	—	16,506	93.1	
Fall 2003 .....	15,651	14,339	4,190	3,675	3,277	3,046	150	1,311	351	334	317	304	5	16,694	93.8		
Fall 2004 .....	15,949	14,618	4,281	3,750	3,369	3,094	122	1,331 <sup>6</sup>	—	—	—	—	—	—	17,054	93.5	
Fall 2005 .....	16,258	14,909	4,287	3,866	3,454	3,180	121	1,349	356	348	326	315	3	17,358	93.7		
Fall 2006 .....	16,441	15,081	4,260	3,882	3,551	3,277	110	1,360 <sup>6</sup>	—	—	—	—	—	—	17,549	93.7	
Fall 2007 .....	16,451	15,086	4,200	3,863	3,557	3,375	92	1,364	357	347	334	324	2	17,597	93.5		
Fall 2008 .....	16,322	14,980	4,123	3,822	3,548	3,400	87	1,342 <sup>6</sup>	—	—	—	—	—	—	17,395	93.8	
Fall 2009 .....	16,261	14,952	4,080	3,809	3,541	3,432	90	1,309	333	330	324	319	3	17,232	94.4		
Fall 2010 .....	16,159	14,860	4,008	3,800	3,538	3,472	42	1,299 <sup>6</sup>	—	—	—	—	—	—	17,066	94.7	
Fall 2011 .....	16,040	14,749	3,957	3,751	3,546	3,452	43	1,291	330	325	318	315	4	16,872	95.1		
Fall 2012 .....	16,055	14,753	3,975	3,730	3,528	3,477	43	1,302 <sup>6</sup>	—	—	—	—	—	—	16,720	96.0	
Fall 2013 .....	16,106	14,794	3,980	3,761	3,526	3,476	52	1,312	334	331	325	320	3	16,649	96.7		
Fall 2014 .....	16,316	14,943	4,033	3,794	3,568	3,496	52	1,373 <sup>6</sup>	—	—	—	—	—	—	16,742	97.5	
Fall 2015 .....	16,496	15,050	4,019	3,846	3,598	3,537	49	1,446	368	367	356	349	6	16,799	98.2		
Fall 2016 <sup>7</sup> .....	16,571	15,076	3,979	3,834	3,647	3,567	49	1,495	—	—	—	—	—	—	16,761	98.9	
Fall 2017 <sup>7</sup> .....	16,629	15,097	4,002	3,795	3,635	3,616	49	1,531	—	—	—	—	—	—	16,737	99.4	

—Not available.

<sup>1</sup>Includes students reported as being enrolled in grade 13.

<sup>2</sup>Data for 1890 through 1950 are from the decennial censuses of population. Later data are Census Bureau estimates as of July 1 preceding the opening of the school year.

<sup>3</sup>Gross enrollment ratio based on school enrollment of all ages in grades 9 to 12 divided by the 14- to 17-year-old population. Differs from enrollment rates in other tables, which are based on the enrollment of persons in the given age group only.

<sup>4</sup>Data are for 1927–28.

<sup>5</sup>Data are for 1940–41.

<sup>6</sup>Estimated.

<sup>7</sup>Projected.

NOTE: Includes enrollment in public schools that are a part of state and local school systems and also in most private schools, both religiously affiliated and nonsectarian. The enrollment for ungraded public school students was estimated based on the secondary proportion of ungraded students in prior years. The enrollment of ungraded private school students was estimated based on the secondary proportion of ungraded students in individual high schools. Some data have been revised from previously published figures. Detail may not sum to totals because of rounding.

SOURCE: U.S. Department of Education, National Center for Education Statistics, *Annual Report of the Commissioner of Education*, 1890 through 1910; *Biennial Survey of Education in the United States*, 1919–20 through 1949–50; *Statistics of State School Systems*, 1951–52 through 1957–58; *Statistics of Public Elementary and Secondary School Systems*, 1959 through 1980; *Statistics of Nonpublic Elementary and Secondary Schools*, 1959 through 1980; Common Core of Data (CCD), "State Nonfiscal Survey of Public Elementary/Secondary Education," 1981–82 through 2015–16; Schools and Staffing Survey, Private School Data File, 1987–88; Private School Universe Survey (PSS), 1989–90 through 2015–16; National Elementary and Secondary Enrollment Projection Model, 1972 through 2027; and unpublished data. U.S. Department of Commerce, Census Bureau, Current Population Reports, Series P–25, Nos. 1000, 1022, 1045, 1057, 1059, 1092, and 1095; 2000 through 2009 Population Estimates, retrieved August 14, 2012, from <http://www.census.gov/popest/data/national/asrh/2011/index.html>; and 2010 through 2017 Population Estimates, retrieved September 5, 2017, from <http://www.census.gov/popest/data/national/asrh/2016/2016-nat-res.html>. (This table was prepared March 2018.)

**Table 202.10. Enrollment of 3-, 4-, and 5-year-old children in preprimary programs, by age of child, level of program, control of program, and attendance status: Selected years, 1970 through 2016**

[Standard errors appear in parentheses]

Age of child, level and control of program, and attendance status	1970	1980	1990	1995 <sup>1</sup>	2000 <sup>1</sup>	2003 <sup>1</sup>	2005 <sup>1</sup>	2010 <sup>1,2</sup>	2014 <sup>1,2</sup>	2015 <sup>1,2</sup>	2016 <sup>1,2</sup>
1	2	3	4	5	6	7	8	9	10	11	12
<b>3 to 5 years old<sup>3</sup></b>											
Total population (in thousands) .....	10,949 (131.4)	9,284 (121.0)	11,207 (145.5)	12,518 (153.7)	11,858 (155.3)	12,204 (149.6)	12,134 (149.1)	12,949 (80.4)	12,191 (79.1)	11,958 (79.8)	12,032 (113.7)
<b>Enrollment of 3- to 5-year-olds (in thousands)</b>											
Total .....	4,104 (78.9)	4,878 (75.0)	6,659 (88.8)	7,739 (86.4)	7,592 (86.2)	7,921 (82.6)	7,801 (82.7)	8,246 (107.3)	7,890 (99.9)	7,681 (107.3)	7,776 (103.5)
Level and attendance status											
Preschool .....	1,094 (48.9)	1,981 (61.5)	3,379 (83.0)	4,331 (84.6)	4,326 (86.5)	4,859 (84.7)	4,529 (83.4)	4,797 (94.5)	4,658 (94.0)	4,475 (96.9)	4,701 (116.0)
Full-day .....	291 (26.2)	681 (39.1)	1,150 (54.9)	1,951 (64.5)	2,049 (67.9)	2,479 (69.6)	2,275 (67.3)	2,297 (81.4)	2,288 (76.9)	2,264 (73.0)	2,544 (91.0)
Part-day .....	803 (42.5)	1,301 (52.1)	2,229 (72.2)	2,381 (69.8)	2,277 (70.8)	2,380 (68.5)	2,255 (67.1)	2,500 (75.4)	2,370 (77.1)	2,211 (81.3)	2,157 (86.7)
Kindergarten .....	3,010 (72.8)	2,897 (69.6)	3,280 (82.3)	3,408 (79.2)	3,266 (80.3)	3,062 (75.0)	3,272 (76.6)	3,449 (75.9)	3,233 (75.0)	3,207 (84.3)	3,075 (92.9)
Full-day .....	407 (30.9)	870 (43.8)	1,428 (60.3)	1,738 (61.5)	1,959 (66.7)	1,950 (63.4)	2,274 (67.3)	2,516 (69.7)	2,576 (72.2)	2,613 (77.3)	2,494 (86.7)
Part-day .....	2,603 (69.4)	2,026 (62.0)	1,853 (67.2)	1,670 (60.5)	1,307 (56.3)	1,112 (49.8)	998 (47.4)	932 (53.4)	657 (42.9)	594 (42.3)	581 (44.8)
Control											
Public .....	2,830 (71.4)	3,066 (70.6)	3,971 (86.5)	4,750 (86.3)	4,847 (88.3)	5,051 (85.2)	5,213 (85.4)	5,829 (105.5)	5,543 (93.9)	5,426 (95.6)	5,586 (98.7)
Private .....	1,274 (52.3)	1,812 (59.5)	2,688 (77.2)	2,989 (75.8)	2,745 (75.8)	2,870 (73.4)	2,588 (70.7)	2,417 (77.1)	2,348 (76.5)	2,255 (70.5)	2,190 (83.4)
Attendance status											
Full-day .....	698 (39.8)	1,551 (56.0)	2,577 (76.1)	3,689 (81.1)	4,008 (85.0)	4,429 (83.2)	4,548 (83.5)	4,813 (98.5)	4,864 (100.4)	4,877 (101.5)	5,038 (105.0)
Part-day .....	3,406 (75.5)	3,327 (72.0)	4,082 (87.0)	4,051 (83.2)	3,584 (82.5)	3,492 (78.2)	3,253 (76.4)	3,432 (88.5)	3,027 (79.1)	2,804 (91.6)	2,738 (87.7)
Percent of 3- to 5-year-olds enrolled											
Total .....	37.5 (0.72)	52.5 (0.81)	59.4 (0.79)	61.8 (0.69)	64.0 (0.73)	64.9 (0.68)	64.3 (0.68)	63.7 (0.66)	64.7 (0.70)	64.2 (0.79)	64.6 (0.81)
Full-day as a percent of total enrollment .....	17.0 (0.91)	31.8 (1.04)	38.7 (1.02)	47.7 (0.90)	52.8 (0.95)	55.9 (0.87)	58.3 (0.87)	58.4 (0.92)	61.6 (0.93)	63.5 (1.04)	64.8 (1.03)
Full-day preschool as a percent of total preschool enrollment .....	26.6 (2.08)	34.3 (1.66)	34.0 (1.39)	45.0 (1.20)	47.4 (1.25)	51.0 (1.12)	50.2 (1.16)	47.9 (1.31)	49.1 (1.32)	50.6 (1.34)	54.1 (1.45)
Full-day kindergarten as a percent of total kindergarten enrollment .....	13.5 (0.97)	30.0 (1.33)	43.5 (1.48)	51.0 (1.36)	60.0 (1.41)	63.7 (1.36)	69.5 (1.26)	73.0 (1.38)	79.7 (1.24)	81.5 (1.21)	81.1 (1.34)
<b>3 and 4 years old</b>											
Total population (in thousands) .....	7,135 (106.1)	6,215 (99.0)	7,415 (118.3)	8,294 (125.1)	7,869 (126.5)	8,336 (123.6)	8,179 (122.4)	8,850 (63.8)	8,125 (92.2)	7,971 (80.7)	7,971 (156.9)
Age											
3 years old .....	3,516 (74.4)	3,143 (70.4)	3,692 (83.5)	4,148 (88.5)	3,929 (89.4)	4,260 (88.4)	4,151 (87.2)	4,492 (59.4)	4,043 (92.8)	3,937 (92.3)	3,978 (71.2)
4 years old .....	3,620 (75.5)	3,072 (69.6)	3,723 (83.8)	4,145 (88.5)	3,940 (89.5)	4,076 (86.4)	4,028 (85.9)	4,358 (57.7)	4,082 (57.5)	4,034 (76.3)	3,993 (137.5)
<b>Enrollment of 3- and 4-year-olds (in thousands)</b>											
Total .....	1,461 (53.1)	2,280 (59.2)	3,292 (73.1)	4,043 (72.4)	4,097 (73.1)	4,590 (71.1)	4,383 (70.6)	4,706 (84.1)	4,426 (98.1)	4,203 (91.5)	4,289 (121.2)
Age											
3 years old .....	454 (31.0)	857 (38.9)	1,205 (48.7)	1,489 (49.1)	1,541 (50.5)	1,806 (50.5)	1,715 (49.7)	1,718 (59.5)	1,721 (80.4)	1,512 (70.2)	1,656 (63.8)
4 years old .....	1,007 (42.0)	1,423 (43.1)	2,087 (51.7)	2,553 (49.8)	2,556 (49.4)	2,785 (46.5)	2,668 (47.0)	2,988 (67.2)	2,705 (60.2)	2,691 (72.1)	2,633 (87.9)
Level and attendance status											
Preschool .....	1,003 (45.8)	1,889 (56.5)	3,026 (72.3)	3,720 (72.0)	3,762 (73.1)	4,198 (71.5)	4,024 (70.8)	4,245 (85.3)	4,070 (90.1)	3,855 (88.9)	4,034 (110.7)
Full-day .....	263 (24.8)	649 (37.6)	1,028 (50.8)	1,715 (58.6)	1,763 (61.0)	2,135 (62.4)	1,986 (60.7)	2,018 (70.6)	2,026 (73.2)	1,914 (70.3)	2,178 (81.4)
Part-day .....	741 (40.1)	1,240 (49.1)	1,998 (65.3)	2,006 (62.0)	1,999 (63.7)	2,063 (61.7)	2,038 (61.3)	2,226 (73.0)	2,044 (70.7)	1,941 (75.5)	1,856 (80.9)
Kindergarten .....	458 (32.3)	391 (29.8)	266 (27.3)	322 (28.0)	335 (29.6)	392 (30.3)	359 (29.0)	462 (44.6)	356 (32.3)	348 (36.5)	254 (32.0)
Full-day .....	110 (16.2)	139 (18.2)	135 (19.7)	144 (18.9)	181 (21.9)	245 (24.1)	247 (24.2)	247 (31.4)	244 (27.6)	253 (32.2)	202 (26.7)
Part-day .....	348 (28.3)	252 (24.2)	131 (19.4)	178 (21.0)	154 (20.3)	147 (18.8)	112 (16.5)	214 (28.5)	112 (19.7)	95 (17.4)	†
Control											
Public .....	617 (37.0)	838 (42.0)	1,211 (54.4)	1,787 (59.5)	2,042 (64.2)	2,374 (64.5)	2,341 (64.0)	2,795 (82.2)	2,584 (81.1)	2,477 (80.6)	2,532 (86.5)
Private .....	844 (42.5)	1,441 (51.9)	2,081 (66.1)	2,256 (64.4)	2,055 (64.3)	2,216 (63.2)	2,042 (61.3)	1,911 (64.0)	1,842 (68.7)	1,726 (68.7)	1,757 (80.9)
Attendance status											
Full-day .....	373 (29.3)	788 (40.9)	1,163 (53.5)	1,858 (60.4)	1,944 (63.1)	2,380 (64.6)	2,233 (63.1)	2,265 (69.0)	2,269 (79.6)	2,167 (75.0)	2,381 (87.8)
Part-day .....	1,088 (47.3)	1,492 (52.5)	2,129 (66.6)	2,184 (63.8)	2,153 (65.3)	2,211 (63.1)	2,150 (62.4)	2,441 (76.5)	2,157 (71.7)	2,036 (75.3)	1,908 (83.3)

See notes at end of table.

**Table 202.10. Enrollment of 3-, 4-, and 5-year-old children in preprimary programs, by age of child, level of program, control of program, and attendance status: Selected years, 1970 through 2016—Continued**

[Standard errors appear in parentheses]

Age of child, level and control of program, and attendance status	1970	1980	1990	1995 <sup>1</sup>	2000 <sup>1</sup>	2003 <sup>1</sup>	2005 <sup>1</sup>	2010 <sup>1,2</sup>	2014 <sup>1,2</sup>	2015 <sup>1,2</sup>	2016 <sup>1,2</sup>
1	2	3	4	5	6	7	8	9	10	11	12
<b>Percent of 3- and 4-year-olds enrolled</b>											
Total .....	20.5 (1.65)	36.7 (1.57)	44.4 (1.48)	48.7 (1.25)	52.1 (1.29)	55.1 (1.15)	53.6 (1.18)	53.2 (0.89)	54.5 (0.98)	52.7 (1.02)	53.8 (1.04)
Age											
3 years old .....	12.9 (2.45)	27.3 (2.37)	32.6 (2.31)	35.9 (1.98)	39.2 (2.05)	42.4 (1.82)	41.3 (1.86)	38.2 (1.25)	42.6 (1.52)	38.4 (1.45)	41.6 (1.49)
4 years old .....	27.8 (2.20)	46.3 (2.06)	56.1 (1.86)	61.6 (1.53)	64.9 (1.56)	68.3 (1.38)	66.2 (1.43)	68.6 (1.25)	66.3 (1.28)	66.7 (1.32)	65.9 (1.50)
Full-day as a percent of total enrollment .....	25.5 (1.78)	34.5 (1.55)	35.3 (1.42)	46.0 (1.25)	47.4 (1.29)	51.8 (1.16)	50.9 (1.18)	48.1 (1.26)	51.3 (1.31)	51.6 (1.42)	55.5 (1.42)
Full-day preschool as a percent of total preschool enrollment .....	26.2 (2.16)	34.3 (1.70)	34.0 (1.47)	46.1 (1.30)	46.9 (1.34)	50.9 (1.21)	49.3 (1.23)	47.5 (1.36)	49.8 (1.39)	49.6 (1.49)	54.0 (1.49)
Full-day kindergarten as a percent of total kindergarten enrollment .....	24.0 (3.11)	35.6 (3.77)	50.8 (5.24)	44.6 (4.40)	54.0 (4.49)	62.4 (3.83)	68.8 (3.83)	53.6 (4.30)	68.4 (4.73)	72.8 (4.53)	79.6 (5.44)
<b>5 years old<sup>3</sup></b>											
Total population (in thousands) .....	3,814 (77.5)	3,069 (69.6)	3,792 (84.6)	4,224 (89.3)	3,989 (90.1)	3,867 (84.2)	3,955 (85.1)	4,099 (57.9)	4,066 (80.9)	3,987 (73.9)	4,061 (90.5)
<b>Enrollment of 5-year-olds (in thousands)</b>											
Total .....	2,643 (44.4)	2,598 (31.1)	3,367 (33.2)	3,697 (34.1)	3,495 (34.3)	3,331 (33.7)	3,418 (33.7)	3,540 (56.2)	3,464 (70.0)	3,478 (74.8)	3,488 (96.5)
Level and attendance status											
Preschool .....	91 (14.7)	93 (14.8)	352 (30.5)	611 (36.3)	565 (36.3)	661 (36.7)	505 (32.9)	552 (35.8)	588 (44.4)	620 (46.1)	667 (45.3)
Full-day .....	28 (8.3)	32 (8.8)	122 (18.5)	236 (23.7)	286 (26.9)	344 (27.7)	289 (25.6)	279 (29.2)	262 (30.7)	350 (31.8)	366 (36.8)
Part-day .....	62 (12.2)	61 (12.0)	231 (25.2)	375 (29.4)	278 (26.6)	316 (26.7)	216 (22.4)	274 (26.9)	326 (31.0)	270 (32.1)	301 (31.2)
Kindergarten .....	2,552 (45.3)	2,505 (33.4)	3,015 (42.5)	3,086 (45.8)	2,931 (46.0)	2,670 (45.0)	2,913 (43.4)	2,987 (59.8)	2,877 (69.4)	2,859 (75.1)	2,821 (93.5)
Full-day .....	297 (25.8)	731 (36.8)	1,293 (49.9)	1,594 (50.1)	1,778 (51.8)	1,705 (48.4)	2,027 (49.2)	2,269 (60.2)	2,332 (69.8)	2,360 (70.9)	2,292 (85.3)
Part-day .....	2,255 (47.3)	1,774 (42.6)	1,722 (52.4)	1,492 (49.4)	1,152 (47.2)	965 (42.1)	886 (41.1)	718 (43.0)	545 (37.7)	499 (39.8)	529 (46.5)
Control											
Public .....	2,214 (47.5)	2,228 (38.5)	2,760 (46.8)	2,963 (47.3)	2,806 (47.6)	2,677 (45.0)	2,872 (43.9)	3,034 (57.8)	2,959 (69.7)	2,950 (70.7)	3,055 (89.2)
Private .....	429 (30.4)	370 (28.1)	607 (38.6)	733 (39.1)	690 (39.4)	654 (36.5)	546 (34.0)	506 (35.0)	505 (35.5)	529 (37.6)	433 (37.3)
Attendance status											
Full-day .....	326 (26.9)	763 (37.3)	1,414 (50.9)	1,830 (51.2)	2,065 (52.1)	2,050 (48.6)	2,316 (48.5)	2,548 (60.1)	2,594 (72.7)	2,710 (72.4)	2,657 (87.4)
Part-day .....	2,317 (47.0)	1,835 (42.3)	1,953 (52.6)	1,867 (51.3)	1,431 (50.0)	1,281 (45.8)	1,102 (44.2)	992 (44.6)	870 (43.8)	768 (51.7)	830 (52.5)
<b>Percent of 5-year-olds enrolled</b>											
Total .....	69.3 (1.16)	84.7 (1.01)	88.8 (0.88)	87.5 (0.81)	87.6 (0.86)	86.1 (0.87)	86.4 (0.85)	86.3 (0.92)	85.2 (1.04)	87.2 (0.95)	85.9 (1.05)
Full-day as a percent of total enrollment .....	12.3 (1.00)	29.4 (1.39)	42.0 (1.45)	49.5 (1.31)	59.1 (1.37)	61.5 (1.32)	67.7 (1.25)	72.0 (1.20)	74.9 (1.24)	77.9 (1.38)	76.2 (1.34)
Full-day preschool as a percent of total preschool enrollment .....	31.3 (7.58)	34.6 (7.70)	34.5 (4.33)	38.7 (3.13)	50.7 (3.47)	52.1 (3.04)	57.2 (3.45)	50.5 (3.90)	44.6 (3.62)	56.5 (3.60)	54.9 (3.82)
Full-day kindergarten as a percent of total kindergarten enrollment .....	11.6 (0.99)	29.2 (1.42)	42.9 (1.54)	51.7 (1.43)	60.7 (1.49)	63.9 (1.46)	69.6 (1.34)	76.0 (1.35)	81.1 (1.27)	82.6 (1.30)	81.2 (1.48)

†Not applicable.

‡Reporting standards not met. Either there are too few cases for a reliable estimate or the coefficient of variation (CV) is 50 percent or greater.

<sup>1</sup>Beginning in 1994, preprimary enrollment data were collected using new procedures. Data may not be comparable to figures for earlier years.

<sup>2</sup>Beginning in 2010, standard errors were computed using replicate weights, which produced more precise values than the generalized variance function methodology used in prior years.

<sup>3</sup>Enrollment data for 5-year-olds include only those students in preprimary programs and do not include those enrolled in primary programs.

NOTE: Preprimary programs include kindergarten and preschool (or nursery school) programs. "Preschool," which was referred to as "nursery school" in previous versions of this table, is defined as a group or class that is organized to provide educational experiences for children during the year or years preceding kindergarten. Data are based on sample surveys of the civilian noninstitutionalized population, which excludes persons in the military and persons living in institutions (e.g., prisons or nursing facilities). Detail may not sum to totals because of rounding.

SOURCE: U.S. Department of Commerce, Census Bureau, Current Population Survey (CPS), October, 1970 through 2016. (This table was prepared August 2017.)

**Table 202.20. Percentage of 3-, 4-, and 5-year-old children enrolled in preprimary programs, by level of program, attendance status, and selected child and family characteristics: 2016**

[Standard errors appear in parentheses]

Selected child or family characteristic	Total 3- to 5-year-old population (in thousands)	Total enrollment (in thousands)	Percent of 3- to 5-year-old population enrolled									Percentage distribution of enrollment	
			Total	Preschool			Kindergarten			Full-day	Part-day		
				Total	Full-day	Part-day	Total	Full-day	Part-day				
1	2	3	4	5	6	7	8	9	10	11	12		
<b>Total</b>	<b>12,032 (113.7)</b>	<b>7,776 (103.5)</b>	<b>64.6 (0.81)</b>	<b>39.1 (0.87)</b>	<b>21.1 (0.70)</b>	<b>17.9 (0.72)</b>	<b>25.6 (0.83)</b>	<b>20.7 (0.75)</b>	<b>4.8 (0.38)</b>	<b>64.8 (1.03)</b>	<b>35.2 (1.03)</b>		
<b>Sex</b>													
Male	6,171 (64.8)	4,009 (76.8)	65.0 (1.07)	39.1 (1.09)	21.2 (0.89)	17.9 (0.91)	25.8 (0.76)	21.5 (0.77)	4.4 (0.45)	65.6 (1.41)	34.4 (1.41)		
Female	5,861 (80.7)	3,767 (72.3)	64.3 (1.08)	39.0 (1.49)	21.1 (1.17)	17.9 (1.04)	25.3 (1.46)	20.0 (1.26)	5.3 (0.55)	63.9 (1.42)	36.1 (1.42)		
<b>Age of child</b>													
3 and 4 years old	7,971 (156.9)	4,289 (121.2)	53.8 (1.04)	50.6 (1.03)	27.3 (0.89)	23.3 (0.92)	3.2 (0.38)	2.5 (0.32)	0.7! (0.20)	55.5 (1.42)	44.5 (1.42)		
3 years old	3,978 (71.2)	1,656 (63.8)	41.6 (1.49)	40.8 (1.49)	22.4 (1.28)	18.4 (1.33)	0.9! (0.26)	0.5! (0.18)	± (†)	55.0 (2.63)	45.0 (2.63)		
4 years old	3,993 (137.5)	2,633 (87.9)	65.9 (1.50)	60.4 (1.60)	32.3 (1.31)	28.1 (1.40)	5.5 (0.72)	4.5 (0.61)	1.0! (0.35)	55.8 (1.69)	44.2 (1.69)		
5 years old	4,061 (90.5)	3,488 (96.5)	85.9 (1.05)	16.4 (1.06)	9.0 (0.90)	7.4 (0.73)	69.5 (1.44)	56.4 (1.51)	13.0 (1.08)	76.2 (1.34)	23.8 (1.34)		
<b>Race/ethnicity of child</b>													
White	5,931 (117.1)	3,921 (80.0)	66.1 (1.07)	41.7 (1.06)	19.8 (0.88)	21.9 (1.03)	24.4 (0.88)	19.9 (0.81)	4.4 (0.49)	60.1 (1.37)	39.9 (1.37)		
Black	1,627 (52.8)	1,028 (52.9)	63.2 (2.57)	34.9 (2.59)	26.2 (2.39)	8.6 (1.35)	28.3 (1.96)	24.9 (1.99)	3.4 (0.87)	80.9 (2.47)	19.1 (2.47)		
Hispanic	3,083 (48.7)	1,908 (54.7)	61.9 (1.49)	34.5 (1.74)	18.9 (1.44)	15.6 (1.34)	27.4 (1.61)	21.2 (1.43)	6.2 (0.88)	64.8 (2.19)	35.2 (2.19)		
Asian	641 (35.3)	444 (33.2)	69.4 (3.55)	45.0 (3.43)	27.3 (2.99)	17.7 (2.72)	24.4 (3.21)	17.9 (2.71)	6.5 (1.72)	65.1 (3.96)	34.9 (3.96)		
Pacific Islander	45 (11.4)	± (†)	56.9 (10.31)	39.8 (10.04)	24.4! (10.27)	± (†)	17.1! (6.80)	± (†)	± (†)	± (†)	± (†)		
American Indian/Alaska Native	146 (19.5)	83 (15.1)	57.1 (6.29)	40.8 (7.07)	20.0 (4.70)	20.8! (6.83)	16.4 (4.75)	12.0! (4.04)	± (†)	56.0 (9.44)	44.0 (9.44)		
Two or more races	560 (32.7)	367 (32.4)	65.5 (3.99)	41.1 (4.11)	25.8 (3.47)	15.3 (3.20)	24.4 (3.19)	21.0 (3.10)	3.4! (1.50)	71.5 (4.79)	28.5 (4.79)		
<b>Number of parents or guardians in household</b>													
One parent or guardian	3,508 (109.6)	2,235 (88.1)	63.7 (1.58)	34.9 (1.54)	24.0 (1.38)	11.0 (0.98)	28.8 (1.24)	23.8 (1.31)	4.9 (0.61)	75.0 (1.67)	25.0 (1.67)		
Two parents or guardians	8,524 (133.5)	5,541 (106.2)	65.0 (0.93)	40.8 (0.98)	20.0 (0.82)	20.8 (0.87)	24.2 (1.02)	19.4 (0.89)	4.8 (0.50)	60.7 (1.19)	39.3 (1.19)		
<b>Mother's current employment status<sup>1</sup></b>													
Employed	7,007 (125.6)	4,828 (106.2)	68.9 (1.01)	41.9 (1.05)	24.8 (0.95)	17.0 (0.81)	27.1 (0.99)	22.1 (0.87)	4.9 (0.51)	68.1 (1.18)	31.9 (1.18)		
Unemployed	397 (34.9)	238 (26.2)	60.0 (4.21)	27.9 (4.53)	14.3 (3.31)	13.6 (2.88)	32.1 (4.64)	27.8 (4.32)	± (†)	70.3 (5.00)	29.7 (5.00)		
Not in the labor force	4,012 (118.2)	2,327 (86.0)	58.0 (1.43)	35.8 (1.47)	15.4 (1.10)	20.3 (1.25)	22.2 (1.23)	17.6 (1.10)	4.6 (0.63)	56.9 (1.88)	43.1 (1.88)		
No mother in household	617 (46.7)	384 (38.1)	62.2 (3.50)	36.0 (3.28)	20.8 (2.79)	15.2 (2.58)	26.2 (2.76)	20.9 (2.72)	5.3 (1.54)	67.0 (4.52)	33.0 (4.52)		
<b>Father's current employment status<sup>1</sup></b>													
Employed	8,265 (128.4)	5,422 (102.9)	65.6 (0.90)	41.3 (1.05)	20.4 (0.82)	21.0 (0.91)	24.3 (1.08)	19.4 (0.91)	4.9 (0.50)	60.6 (1.24)	39.4 (1.24)		
Unemployed	313 (39.4)	157 (24.4)	50.0 (5.34)	29.4 (5.23)	16.4 (4.52)	13.1 (3.63)	20.6 (4.34)	17.9 (3.92)	± (†)	68.5 (7.44)	31.5 (7.44)		
Not in the labor force	562 (47.7)	346 (37.4)	61.6 (3.71)	33.7 (3.89)	17.0 (2.98)	16.7 (3.18)	27.9 (3.18)	22.5 (3.23)	5.4! (1.67)	64.2 (5.11)	35.8 (5.11)		
No father in household	2,891 (100.1)	1,851 (78.5)	64.0 (1.68)	34.7 (1.60)	24.6 (1.53)	10.0 (1.01)	29.4 (1.46)	24.5 (1.48)	4.9 (0.70)	76.7 (1.76)	23.3 (1.76)		
<b>Every parent or guardian employed<sup>1</sup></b>													
Every parent or guardian employed <sup>1</sup>	7,065 (123.6)	4,871 (104.2)	68.9 (0.98)	41.9 (1.10)	24.9 (0.96)	17.0 (0.82)	27.1 (1.02)	22.0 (0.88)	5.1 (0.51)	67.9 (1.20)	32.1 (1.20)		
No parent or guardian employed <sup>1</sup>	1,350 (74.9)	758 (50.9)	56.1 (2.38)	29.5 (2.23)	16.5 (2.05)	12.9 (1.49)	26.7 (1.88)	22.8 (1.95)	3.8 (0.83)	70.1 (2.71)	29.9 (2.71)		
<b>Highest educational attainment of parents or guardians<sup>1</sup></b>													
Less than high school	1,083 (64.5)	615 (45.1)	56.8 (2.70)	29.8 (2.63)	18.3 (2.24)	11.5 (1.93)	27.0 (2.48)	23.1 (2.21)	3.9 (1.11)	72.9 (3.30)	27.1 (3.30)		
High school/GED	2,651 (94.0)	1,553 (72.5)	58.6 (1.71)	32.7 (1.62)	18.7 (1.44)	14.0 (1.24)	25.9 (1.37)	20.6 (1.34)	5.3 (0.76)	67.1 (2.27)	32.9 (2.27)		
Some college, no degree	2,060 (79.7)	1,312 (61.7)	63.7 (2.10)	37.0 (1.88)	22.0 (1.74)	15.0 (1.47)	26.7 (1.85)	22.0 (1.80)	4.7 (0.97)	69.1 (2.52)	30.9 (2.52)		
Associate's degree	1,505 (75.8)	947 (54.2)	62.9 (1.94)	35.3 (2.26)	18.8 (1.87)	16.5 (1.58)	27.7 (1.92)	22.9 (1.93)	4.8 (0.99)	66.2 (2.57)	33.8 (2.57)		
Bachelor's degree	2,506 (84.1)	1,648 (68.7)	65.8 (1.70)	40.8 (1.81)	20.9 (1.44)	19.9 (1.45)	25.0 (1.51)	20.5 (1.41)	4.5 (0.81)	62.9 (2.17)	37.1 (2.17)		
Graduate or professional degree	2,227 (101.2)	1,701 (83.2)	76.4 (1.55)	53.7 (1.99)	26.5 (1.72)	27.2 (1.85)	22.7 (1.70)	17.4 (1.45)	5.3 (0.93)	57.5 (2.26)	42.5 (2.26)		

†Not applicable.

!Interpret data with caution. The coefficient of variation (CV) for this estimate is between 30 and 50 percent.

±Reporting standards not met. Either there are too few cases for a reliable estimate or the coefficient of variation (CV) is 50 percent or greater.

<sup>1</sup>Data pertain only to parents or guardians who live in the household with the child.

NOTE: Preprimary programs include kindergarten and preschool (or nursery school) programs. "Preschool," which was referred to as "nursery school" in previous versions of this table, is defined as a group or class that is organized to provide

educational experiences for children during the year or years preceding kindergarten. Enrollment data for 5-year-olds include only those students in preprimary programs and do not include those enrolled in primary programs. Race categories exclude persons of Hispanic ethnicity. Data are based on sample surveys of the civilian noninstitutionalized population, which excludes persons in the military and persons living in institutions (e.g., prisons or nursing facilities). Detail may not sum to totals because of rounding.

SOURCE: U.S. Department of Commerce, Census Bureau, Current Population Survey (CPS), October, 2016. (This table was prepared August 2017.)

**Table 202.30. Number of children under 6 years old and not yet enrolled in kindergarten, percentage participating in center-based programs, average weekly hours in nonparental care, and percentage in various types of primary care arrangements, by selected child and family characteristics: 2016**

[Standard errors appear in parentheses]

Selected child or family characteristic	Number of children under 6 years old (in thousands)	Percent participating in center-based programs <sup>1</sup>	Average hours per week in nonparental care <sup>2</sup>	Percentage distribution of children, by type of care							
				Parental care only	Center-based care	Nonparental care, by primary arrangement <sup>3</sup>				Relative	Multiple arrangements <sup>4</sup>
						Nonrelative home-based care					
						Total	In another home	In child's home			
1	2	3	4	5	6	7	8	9	10	11	
<b>Total children under 6 years old</b>	<b>21,362 (54.2)</b>	<b>35.9 (0.79)</b>	<b>30.6 (0.38)</b>	<b>40.3 (0.94)</b>	<b>29.4 (0.73)</b>	<b>10.0 (0.42)</b>	<b>6.9 (0.37)</b>	<b>3.2 (0.26)</b>	<b>18.5 (0.72)</b>	<b>1.8 (0.21)</b>	
<b>Age</b>											
Under 1 year old	4,724 (150.4)	13.2 (1.13)	33.0 (0.60)	52.6 (2.13)	10.7 (0.87)	11.8 (1.08)	8.0 (0.88)	3.7 (0.61)	23.2 (1.90)	1.6 (0.45)	
1 to 2 years old	8,552 (176.3)	24.7 (1.18)	30.8 (0.74)	46.0 (1.34)	21.4 (1.16)	11.4 (0.77)	7.9 (0.66)	3.5 (0.45)	19.9 (1.09)	1.3 (0.28)	
3 to 5 years old	8,087 (91.1)	60.9 (1.49)	29.5 (0.56)	27.1 (1.47)	48.7 (1.44)	7.6 (0.55)	5.1 (0.46)	2.5 (0.34)	14.4 (1.02)	2.3 (0.32)	
<b>Race/ethnicity of child and poverty status of household<sup>5</sup></b>											
White	10,731 (97.5)	38.5 (0.90)	30.5 (0.47)	37.8 (0.95)	31.4 (0.84)	12.4 (0.67)	8.5 (0.51)	3.9 (0.40)	16.4 (0.89)	2.0 (0.31)	
Poor	1,182 (77.7)	23.4 (2.85)	27.4 (1.99)	59.3 (3.49)	19.7 (2.71)	4.7! (1.61)	2.6! (1.29)	2.1! (1.03)	14.8 (2.35)	‡ (†)	
Near-poor	1,962 (89.7)	25.5 (2.17)	30.5 (1.53)	51.7 (2.53)	17.8 (1.50)	9.0 (1.51)	7.5 (1.30)	1.5! (0.57)	19.8 (2.31)	1.8! (0.80)	
Nonpoor	7,586 (77.6)	44.2 (1.23)	30.7 (0.44)	30.9 (1.30)	36.7 (1.13)	14.5 (0.85)	9.6 (0.65)	4.8 (0.53)	15.8 (0.94)	2.1 (0.30)	
Black	2,837 (0.0)	40.3 (3.37)	33.5 (1.29)	32.5 (3.38)	31.6 (3.07)	8.8 (1.70)	6.6 (1.62)	2.2! (0.71)	24.9 (2.54)	2.3! (0.75)	
Poor	1,069 (40.7)	35.4 (4.70)	35.1 (2.83)	40.2 (5.63)	22.9 (4.24)	9.4! (3.29)	6.4! (2.99)	‡ (†)	25.1 (4.36)	‡ (†)	
Near-poor	725 (47.3)	35.2 (8.13)	31.0 (2.42)	33.2 (6.61)	31.2 (8.12)	5.8! (2.79)	‡ (†)	‡ (†)	29.3 (6.15)	‡ (†)	
Nonpoor	1,043 (32.9)	48.7 (4.75)	33.7 (1.81)	24.0 (4.32)	40.8 (4.57)	10.2 (2.76)	8.7! (2.67)	‡ (†)	21.6 (3.97)	3.4! (1.61)	
Hispanic	5,418 (1.6)	28.3 (1.60)	28.1 (0.87)	48.5 (2.23)	23.1 (1.54)	7.2 (0.98)	4.9 (0.78)	2.3 (0.55)	19.7 (1.56)	1.5 (0.36)	
Poor	1,443 (44.1)	21.8 (3.13)	27.8 (2.14)	60.1 (4.04)	17.1 (2.72)	3.9! (1.53)	3.0! (1.35)	‡ (†)	16.7 (2.88)	2.1! (0.84)	
Near-poor	1,800 (91.8)	21.3 (2.63)	26.3 (2.00)	57.8 (4.08)	15.4 (2.12)	4.7 (1.40)	3.4! (1.10)	‡ (†)	20.5 (3.04)	1.6! (0.79)	
Nonpoor	2,175 (80.2)	38.4 (2.71)	29.2 (1.06)	33.2 (3.05)	33.4 (2.68)	11.3 (1.89)	7.4 (1.50)	3.9 (1.11)	21.1 (2.37)	1.0! (0.46)	
Asian/Pacific Islander	1,009 (69.7)	36.1 (2.75)	30.0 (1.68)	43.2 (3.66)	30.9 (2.60)	5.7 (1.32)	2.3! (0.77)	3.5! (1.15)	19.6 (3.31)	‡ (†)	
Asian	995 (69.5)	35.9 (2.70)	30.3 (1.68)	43.1 (3.66)	30.6 (2.53)	5.8 (1.33)	2.3! (0.78)	3.5! (1.17)	19.9 (3.36)	‡ (†)	
Pacific Islander	‡ (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	
American Indian/Alaska Native	‡ (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	
Two or more races	1,235 (77.7)	37.3 (3.56)	33.6 (1.40)	39.2 (3.62)	33.7 (3.37)	9.0 (1.68)	6.9 (1.59)	2.1! (0.73)	17.7 (2.43)	‡ (†)	
<b>Number of parents in the household<sup>6</sup></b>											
Two parents	16,428 (149.4)	35.8 (0.87)	29.3 (0.41)	42.9 (1.02)	30.0 (0.83)	9.8 (0.47)	6.5 (0.39)	3.3 (0.31)	15.5 (0.76)	1.8 (0.24)	
One parent	4,449 (164.2)	36.5 (2.09)	34.2 (0.82)	32.3 (2.12)	27.5 (1.84)	11.5 (1.29)	8.7 (1.18)	2.8 (0.64)	27.1 (1.97)	1.7 (0.40)	
<b>Mother in household</b>											
Yes	20,233 (99.4)	36.1 (0.81)	30.3 (0.36)	40.9 (0.98)	29.7 (0.79)	10.1 (0.45)	6.9 (0.37)	3.2 (0.28)	17.4 (0.74)	1.8 (0.22)	
No	1,129 (80.9)	32.3 (3.39)	34.0 (1.85)	28.9 (3.90)	23.2 (2.73)	8.8 (2.50)	6.6! (2.23)	2.2! (0.96)	38.1 (4.13)	‡ (†)	
<b>Mother's employment status<sup>7</sup></b>											
Currently employed	12,154 (179.6)	45.5 (1.11)	33.2 (0.40)	21.1 (1.04)	36.5 (0.97)	15.2 (0.72)	10.9 (0.59)	4.3 (0.43)	24.6 (1.07)	2.6 (0.31)	
35 or more hours per week	8,884 (159.5)	49.3 (1.31)	35.9 (0.45)	15.9 (1.08)	39.9 (1.14)	17.5 (0.87)	12.8 (0.71)	4.7 (0.52)	24.2 (1.14)	2.6 (0.36)	
Less than 35 hours per week	3,270 (130.0)	35.2 (2.07)	23.6 (0.85)	35.3 (2.14)	27.2 (1.79)	9.1 (0.99)	5.8 (0.92)	3.2 (0.51)	25.9 (2.02)	2.5 (0.60)	
Looking for work	795 (66.6)	22.2 (3.89)	22.0 (2.50)	59.9 (4.33)	15.4 (3.08)	5.6! (2.39)	‡ (†)	‡ (†)	16.9 (3.67)	‡ (†)	
Not in labor force	7,811 (152.6)	22.7 (1.12)	20.6 (0.87)	69.0 (1.51)	20.4 (1.11)	2.3 (0.41)	0.8 (0.20)	1.5 (0.31)	7.9 (0.91)	0.4! (0.15)	
<b>Mother's highest education<sup>7</sup></b>											
Less than high school	2,716 (88.3)	20.9 (3.66)	27.6 (2.07)	60.4 (4.32)	18.0 (3.61)	5.5 (1.51)	3.9! (1.45)	1.7! (0.72)	15.4 (2.23)	‡ (†)	
High school/GED	4,085 (86.0)	25.3 (1.66)	29.4 (1.10)	51.0 (2.40)	18.5 (1.54)	6.1 (1.08)	4.5 (0.90)	1.6! (0.62)	21.8 (2.23)	2.5 (0.61)	
Vocational/technical or some college	3,698 (93.1)	33.7 (1.47)	28.8 (0.92)	41.1 (1.52)	27.6 (1.51)	9.2 (1.02)	7.8 (0.97)	1.4! (0.44)	20.9 (1.61)	1.2! (0.42)	
Associate's degree	1,752 (94.1)	33.4 (2.49)	33.3 (1.35)	39.0 (2.81)	26.2 (2.02)	10.8 (1.84)	9.5 (1.53)	‡ (†)	22.1 (2.22)	1.9! (0.64)	
Bachelor's degree	5,675 (126.7)	45.1 (1.40)	30.3 (0.61)	33.9 (1.52)	38.1 (1.42)	10.9 (0.74)	7.2 (0.69)	3.7 (0.52)	15.4 (1.17)	1.7 (0.35)	
Graduate/professional degree	2,835 (49.7)	52.5 (1.71)	33.0 (0.76)	20.5 (1.51)	44.5 (1.61)	18.6 (1.45)	9.5 (0.98)	9.2 (1.03)	14.2 (1.37)	2.2 (0.47)	
<b>Language spoken most at home by mother<sup>7</sup></b>											
English	16,847 (167.2)	37.9 (0.78)	30.9 (0.40)	38.0 (0.91)	31.1 (0.72)	11.0 (0.54)	7.7 (0.44)	3.3 (0.28)	18.1 (0.80)	1.8 (0.25)	
Non-English	2,640 (149.9)	26.4 (2.35)	28.0 (1.58)	52.4 (3.52)	22.5 (2.31)	6.7 (1.39)	4.0 (1.12)	2.7! (0.80)	16.6 (2.28)	1.8! (0.62)	
English and another language equally	1,273 (85.0)	30.5 (2.97)	26.4 (1.57)	50.6 (3.68)	25.3 (2.82)	3.8! (1.43)	1.4! (0.53)	‡ (†)	19.7 (2.43)	‡ (†)	
<b>Mother's age when first became parent<sup>7</sup></b>											
Less than 18	1,237 (100.9)	26.0 (3.81)	32.2 (1.90)	50.4 (4.78)	20.1 (3.59)	6.5 (1.85)	5.4! (1.66)	‡ (†)	21.6 (3.61)	‡ (†)	
18 or 19	2,476 (155.5)	25.7 (3.26)	31.7 (1.67)	47.0 (3.96)	21.0 (3.07)	8.4 (1.66)	6.3 (1.47)	2.2! (0.79)	22.2 (2.36)	1.3! (0.55)	
20 or older	16,899 (176.1)	38.3 (0.86)	30.2 (0.39)	38.9 (1.00)	31.7 (0.81)	10.5 (0.50)	7.1 (0.41)	3.4 (0.30)	17.1 (0.81)	1.8 (0.23)	
<b>Household income</b>											
\$20,000 or less	3,049 (10.3)	30.5 (2.28)	31.3 (1.66)	52.3 (2.48)	22.5 (2.07)	5.7 (1.41)	3.8! (1.22)	1.9! (0.74)	17.4 (1.95)	2.2! (0.66)	
\$20,001 to \$50,000	5,706 (53.6)	26.7 (1.87)	30.0 (0.85)	50.2 (2.03)	21.3 (1.88)	6.5 (0.75)	5.2 (0.67)	1.3 (0.34)	20.8 (1.48)	1.3 (0.31)	
\$50,001 to \$75,000	3,821 (0.0)	27.7 (1.60)	29.1 (0.87)	43.9 (2.18)	21.6 (1.41)	11.6 (1.28)	9.5 (1.20)	2.1 (0.59)	21.0 (1.67)	1.9 (0.57)	
\$75,001 to \$100,000	2,882 (0.0)	38.4 (2.39)	29.9 (0.96)	34.2 (2.16)	31.9 (2.14)	10.4 (1.28)	8.8 (1.23)	1.6 (0.39)	21.8 (2.21)	1.7 (0.42)	
Over \$100,000	5,904 (4.6)	51.5 (1.58)	31.7 (0.46)	25.3 (1.46)	44.6 (1.52)	14.5 (0.87)	7.4 (0.60)	7.1 (0.76)	13.8 (1.09)	1.9 (0.33)	

See notes at end of table.

**Table 202.30. Number of children under 6 years old and not yet enrolled in kindergarten, percentage participating in center-based programs, average weekly hours in nonparental care, and percentage in various types of primary care arrangements, by selected child and family characteristics: 2016—Continued**

[Standard errors appear in parentheses]

Selected child or family characteristic	Number of children under 6 years old (in thousands)	Percent participating in center-based programs <sup>1</sup>	Average hours per week in nonparental care <sup>2</sup>	Percentage distribution of children, by type of care						
				Parental care only	Nonparental care, by primary arrangement <sup>3</sup>					
					Center-based care	Nonrelative home-based care			Relative	Multiple arrangements <sup>4</sup>
						Total	In another home	In child's home		
1	2	3	4	5	6	7	8	9	10	11
<b>Poverty status of household<sup>5</sup></b>										
Poor .....	4,203 (92.6)	26.8 (1.98)	30.9 (1.27)	54.4 (2.53)	20.3 (1.81)	5.4 (1.10)	3.7 (0.96)	1.7! (0.58)	18.1 (1.93)	1.7 (0.49)
Near-poor .....	4,997 (156.1)	25.2 (1.82)	29.1 (0.91)	51.3 (2.16)	19.2 (1.74)	6.4 (0.76)	5.0 (0.65)	1.4 (0.38)	21.6 (1.67)	1.4 (0.42)
Nonpoor .....	12,162 (109.4)	43.4 (0.98)	30.9 (0.40)	30.9 (1.11)	36.7 (0.93)	13.1 (0.64)	8.7 (0.53)	4.4 (0.42)	17.4 (0.86)	1.9 (0.25)
<b>Household size</b>										
2 or 3 persons .....	5,109 (114.0)	41.1 (1.33)	33.7 (0.75)	32.3 (1.36)	34.5 (1.31)	12.2 (0.93)	8.5 (0.87)	3.7 (0.50)	18.6 (1.38)	2.2 (0.40)
4 persons .....	7,574 (116.9)	40.8 (1.42)	30.1 (0.55)	37.1 (1.49)	33.6 (1.27)	11.0 (0.92)	7.9 (0.78)	3.0 (0.50)	16.6 (1.00)	1.8 (0.39)
5 persons .....	4,610 (164.4)	33.3 (1.77)	28.7 (0.89)	44.1 (2.03)	27.0 (1.62)	8.5 (0.93)	5.1 (0.78)	3.4 (0.59)	19.2 (1.60)	1.3 (0.34)
6 or more persons .....	4,069 (166.3)	23.1 (1.64)	28.6 (1.11)	52.0 (2.60)	17.7 (1.53)	7.3 (1.06)	4.9 (0.97)	2.4 (0.63)	21.3 (2.05)	1.6 (0.44)
<b>Locale</b>										
City .....	7,246 (180.0)	36.4 (1.35)	30.8 (0.66)	40.2 (1.80)	29.6 (1.24)	9.7 (0.73)	5.9 (0.65)	3.8 (0.54)	18.8 (1.34)	1.7 (0.35)
Suburban .....	8,733 (203.4)	37.7 (1.30)	29.3 (0.61)	38.4 (1.39)	31.8 (1.18)	9.3 (0.69)	6.2 (0.61)	3.2 (0.42)	18.9 (1.09)	1.5 (0.25)
Town .....	1,931 (96.0)	31.2 (2.44)	30.3 (1.24)	44.2 (2.87)	24.3 (2.47)	10.5 (1.63)	7.7 (1.38)	2.8! (1.05)	19.0 (2.47)	‡ (†)
Rural .....	3,452 (141.6)	32.8 (2.02)	33.5 (1.19)	43.2 (2.22)	25.6 (1.81)	12.2 (1.23)	10.1 (1.01)	2.0 (0.49)	16.7 (1.94)	2.3 (0.63)

†Not applicable.

!Interpret data with caution. The coefficient of variation (CV) for this estimate is between 30 and 50 percent.

‡Reporting standards not met. Either there are too few cases for a reliable estimate or the coefficient of variation (CV) is 50 percent or greater.

<sup>1</sup>Center-based arrangements include day care centers, Head Start programs, preschools, prekindergartens, and other early childhood programs.

<sup>2</sup>Mean hours per week per child, among preschool children enrolled in any type of nonparental care arrangement. For children with more than one arrangement, the hours of each weekly arrangement were summed to calculate the total amount of time in child care per week.

<sup>3</sup>A child's primary arrangement is the regular nonparental care arrangement or early childhood education program in which the child spent the most time per week.

<sup>4</sup>Children who spent an equal number of hours per week in multiple nonparental care arrangements.

<sup>5</sup>Poor children are those whose family incomes were below the Census Bureau's poverty threshold in the year prior to data collection; near-poor children are those whose family incomes ranged from the poverty threshold to 199 percent of the poverty threshold; and

nonpoor children are those whose family incomes were at or above 200 percent of the poverty threshold. The poverty threshold is a dollar amount that varies depending on a family's size and composition and is updated annually to account for inflation. In 2015, for example, the poverty threshold for a family of four with two children was \$24,257. Survey respondents are asked to select the range within which their income falls, rather than giving the exact amount of their income; therefore, the measure of poverty status is an approximation.

<sup>6</sup>Excludes children living apart from their parents.

<sup>7</sup>Excludes children living in households with no mother or female guardian present.

NOTE: For the 2016 administration of the National Household Education Surveys Program (NHES), initial contact with all respondents was by mail, and the majority of respondents received paper-and-pencil questionnaires. However, as an experiment with web use, a small sample of NHES:2016 respondents received mailed invitations to complete the survey online. Race categories exclude persons of Hispanic ethnicity. Detail may not sum to totals because of rounding.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Early Childhood Program Participation Survey of the National Household Education Surveys Program (ECP-P-NHES:2016). (This table was prepared December 2017.)

**Table 202.30a. Percentage distribution of children who were under 6 years old and not yet in kindergarten, by main reason household wanted a child care program, primary reason for difficulty finding child care, and selected child and family characteristics: 2016**

[Standard errors appear in parentheses]

Selected child or family characteristic	For children who had nonparental care in the past year, main reason household wanted a care program					For children whose parent/guardian reported any difficulty finding care, primary reason for the difficulty <sup>1</sup>						
	Provide care when a parent was at work or school	Prepare child for school	Provide cultural or language learning	Make time for running errands or relaxing	Some other reason	Cost	Location	Quality	Lack of open slots for new children	Needed a program for children with special needs	Some other reason	
1	2	3	4	5	6	7	8	9	10	11	12	
<b>Total children under 6 years old</b>	<b>59.7 (1.01)</b>	<b>31.4 (0.93)</b>	<b>3.2 (0.48)</b>	<b>2.0 (0.32)</b>	<b>3.7 (0.44)</b>	<b>31.5 (1.61)</b>	<b>9.3 (1.36)</b>	<b>22.1 (1.22)</b>	<b>27.3 (1.45)</b>	<b>2.4 (0.43)</b>	<b>7.4 (0.74)</b>	
<b>Age</b>												
Under 1 year old	83.7 (2.35)	7.3 (1.55)	‡ (†)	2.4 (0.63)	5.8! (1.78)	30.8 (3.73)	5.8 (1.44)	19.6 (2.61)	36.0 (3.93)	‡ (†)	7.6 (1.78)	
1 to 2 years old	71.6 (1.55)	18.5 (1.42)	3.4 (0.58)	3.4 (0.67)	3.3 (0.61)	33.1 (2.12)	6.3 (0.90)	24.3 (1.89)	25.4 (1.95)	2.2! (0.78)	8.7 (1.49)	
3 to 5 years old	41.5 (1.59)	50.5 (1.48)	4.0 (1.00)	0.8 (0.24)	3.2 (0.56)	30.5 (2.63)	13.2 (2.53)	21.2 (1.58)	25.4 (2.08)	3.5 (0.73)	6.2 (0.88)	
<b>Race/ethnicity</b>												
White	63.4 (1.33)	29.6 (1.34)	1.9 (0.29)	2.5 (0.47)	2.5 (0.40)	27.6 (1.69)	7.2 (0.71)	26.6 (1.75)	29.6 (1.74)	1.6 (0.43)	7.4 (0.87)	
Black	63.1 (3.06)	29.0 (2.58)	‡ (†)	‡ (†)	4.0! (1.51)	37.1 (4.82)	9.2 (2.36)	20.8 (3.64)	22.7 (4.36)	3.8! (1.68)	6.3! (2.21)	
Hispanic	51.2 (2.25)	37.5 (2.12)	5.3! (1.89)	1.3! (0.55)	4.6 (0.95)	34.4 (3.56)	14.8! (5.23)	12.8 (1.83)	26.5 (3.58)	2.5! (0.78)	8.9 (1.82)	
Asian/Pacific Islander	48.1 (5.15)	31.1 (4.89)	9.7 (1.85)	2.0! (0.79)	9.0! (4.42)	32.2 (5.25)	9.4! (3.29)	28.6 (4.97)	20.1 (3.83)	‡ (†)	‡ (†)	
Asian	48.1 (5.20)	30.7 (4.96)	9.9 (1.89)	2.1! (0.80)	9.2! (4.51)	32.2 (5.25)	9.4! (3.29)	28.6 (4.97)	20.1 (3.83)	‡ (†)	‡ (†)	
Pacific Islander	‡ (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	
American Indian/Alaska Native	‡ (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	
Two or more races	62.3 (3.54)	29.4 (3.56)	3.2! (1.12)	‡ (†)	‡ (†)	37.3 (4.91)	4.8! (2.26)	16.6 (3.57)	30.5 (4.29)	4.8! (1.84)	5.9! (2.07)	
<b>Number of parents in the household<sup>2</sup></b>												
Two parents	59.0 (1.30)	31.8 (1.16)	3.8 (0.64)	2.4 (0.39)	3.0 (0.43)	30.3 (1.75)	8.8 (1.45)	24.0 (1.28)	27.9 (1.55)	2.1 (0.44)	7.0 (0.76)	
One parent	62.2 (2.40)	30.1 (2.30)	1.5! (0.48)	0.7! (0.29)	5.5 (1.12)	35.0 (3.39)	9.1 (1.84)	16.8 (2.95)	26.7 (3.67)	3.6! (1.33)	9.0 (2.01)	
<b>Mother in household</b>												
Yes	60.0 (1.04)	31.3 (0.96)	3.4 (0.50)	2.0 (0.32)	3.3 (0.45)	31.2 (1.70)	9.1 (1.43)	22.6 (1.26)	27.5 (1.53)	2.4 (0.46)	7.2 (0.72)	
No	54.9 (3.71)	33.5 (3.50)	‡ (†)	‡ (†)	8.2! (2.52)	36.9 (6.62)	13.4! (5.66)	14.1 (4.00)	22.4 (4.94)	‡ (†)	‡ (†)	
<b>Mother's employment status<sup>3</sup></b>												
Currently employed	71.7 (1.05)	24.5 (1.01)	1.3 (0.25)	0.8 (0.20)	1.7 (0.35)	31.4 (1.90)	7.9 (0.88)	23.9 (1.25)	28.2 (1.71)	1.5 (0.34)	7.2 (0.86)	
35 or more hours per week	76.0 (1.04)	21.1 (1.07)	1.2 (0.31)	0.6! (0.22)	1.1 (0.31)	28.9 (1.80)	8.5 (1.04)	25.1 (1.45)	28.6 (1.84)	1.5 (0.36)	7.3 (0.98)	
Less than 35 hours per week	58.2 (2.42)	35.1 (2.59)	1.5! (0.46)	1.4! (0.47)	3.9 (1.02)	40.6 (4.72)	5.3 (1.28)	19.3 (2.84)	26.8 (4.29)	1.5! (0.70)	6.5 (1.38)	
Looking for work	47.1 (5.83)	39.8 (6.33)	3.3! (1.56)	‡ (†)	7.2! (2.83)	37.6 (8.63)	‡ (†)	22.9! (10.16)	16.0! (5.47)	‡ (†)	‡ (†)	
Not in labor force	28.4 (2.71)	49.5 (2.36)	9.0 (1.96)	5.5 (1.11)	7.6 (1.50)	31.1 (3.29)	14.4 (4.06)	16.7 (2.67)	26.0 (2.88)	5.0 (1.26)	6.7 (1.29)	
<b>Mother's highest education<sup>3</sup></b>												
Less than high school	41.7 (5.48)	39.6 (5.15)	‡ (†)	‡ (†)	7.8! (3.06)	33.6 (7.83)	29.2! (12.26)	12.5! (5.88)	19.8! (7.23)	‡ (†)	‡ (†)	
High school/GED	54.2 (3.20)	36.9 (3.02)	2.9! (0.88)	1.5! (0.75)	4.5 (1.14)	39.0 (5.89)	12.3 (3.08)	15.9 (3.82)	25.0 (4.38)	4.1! (1.91)	3.7! (1.59)	
Vocational/technical or some college	60.5 (2.26)	31.1 (2.03)	3.2 (0.74)	1.7 (0.46)	3.6 (0.80)	35.2 (3.35)	7.5 (1.40)	21.2 (3.00)	23.8 (3.70)	2.7! (0.99)	9.6 (2.13)	
Associate's degree	62.2 (2.74)	31.2 (2.48)	4.3! (1.35)	1.2! (0.60)	1.1! (0.46)	36.4 (4.67)	11.2 (2.62)	21.2 (4.32)	17.3 (3.05)	5.3! (1.83)	8.6! (2.97)	
Bachelor's degree	62.3 (1.60)	30.3 (1.54)	2.3 (0.45)	2.4 (0.60)	2.7 (0.62)	32.2 (2.34)	5.6 (0.88)	24.9 (2.19)	28.9 (2.33)	1.8! (0.61)	6.6 (1.06)	
Graduate/professional degree	70.9 (1.51)	22.6 (1.40)	2.1 (0.52)	2.5 (0.63)	1.8 (0.43)	19.2 (1.87)	7.3 (1.42)	27.2 (2.15)	36.1 (2.18)	1.2! (0.48)	9.1 (1.30)	
<b>Language spoken most at home by mother<sup>3</sup></b>												
English	63.3 (1.07)	29.8 (0.99)	1.7 (0.29)	2.2 (0.38)	3.1 (0.41)	30.7 (1.66)	8.2 (0.80)	23.6 (1.41)	28.0 (1.61)	2.5 (0.44)	7.1 (0.73)	
Non-English	39.4 (4.04)	39.5 (3.93)	13.3 (3.93)	‡ (†)	6.4! (2.43)	34.5 (7.08)	19.9! (8.64)	15.9 (3.88)	21.3 (4.18)	‡ (†)	5.4! (1.96)	
English and another language equally	47.7 (4.55)	39.0 (4.93)	8.0 (2.07)	1.8! (0.76)	3.4! (1.49)	39.4 (5.68)	7.7! (3.12)	11.8! (3.57)	26.8 (5.40)	‡ (†)	12.4! (4.72)	
<b>Mother's age when first became parent<sup>3</sup></b>												
Less than 18	54.2 (5.64)	37.2 (5.28)	‡ (†)	‡ (†)	‡ (†)	19.7 (5.86)	17.9! (6.75)	18.9! (7.33)	21.6! (7.15)	‡ (†)	18.1! (6.51)	
18 or 19	57.6 (4.37)	29.6 (4.01)	‡ (†)	‡ (†)	4.9! (2.22)	41.3 (6.87)	‡ (†)	19.0! (5.92)	14.6! (4.51)	3.7! (1.82)	6.1! (2.44)	
20 or older	60.7 (1.06)	31.2 (1.00)	2.9 (0.37)	2.0 (0.29)	3.2 (0.40)	30.8 (1.73)	8.4 (0.80)	22.7 (1.01)	29.2 (1.56)	2.3 (0.46)	6.7 (0.65)	

See notes at end of table.

**Table 202.30a. Percentage distribution of children who were under 6 years old and not yet in kindergarten, by main reason household wanted a child care program, primary reason for difficulty finding child care, and selected child and family characteristics: 2016—Continued**

[Standard errors appear in parentheses]

Selected child or family characteristic	For children who had nonparental care in the past year, main reason household wanted a care program					For children whose parent/guardian reported any difficulty finding care, primary reason for the difficulty <sup>1</sup>						
	Provide care when a parent was at work or school	Prepare child for school	Provide cultural or language learning	Make time for running errands or relaxing	Some other reason	Cost	Location	Quality	Lack of open slots for new children	Needed a program for children with special needs	Some other reason	
1	2	3	4	5	6	7	8	9	10	11	12	
<b>Household income</b>												
\$20,000 or less .....	46.6 (2.88)	42.8 (2.88)	4.3 (1.10)	1.6! (0.76)	4.6! (1.44)	28.0 (4.68)	18.0 (3.96)	20.3 (4.88)	21.4 (4.34)	4.4! (1.78)	8.0! (2.43)	
\$20,001 to \$50,000 .....	52.8 (2.51)	35.1 (2.29)	2.9 (0.61)	2.1! (0.72)	7.1 (1.52)	39.8 (4.02)	7.6 (1.81)	17.3 (2.50)	24.5 (3.49)	4.4! (1.41)	6.4 (1.64)	
\$50,001 to \$75,000 .....	63.2 (2.94)	25.5 (2.31)	5.7! (2.76)	2.4 (0.63)	3.1 (0.71)	35.2 (4.23)	13.6! (5.69)	20.5 (2.80)	22.6 (3.37)	1.6! (0.72)	6.4 (1.75)	
\$75,001 to \$100,000 .....	65.2 (2.49)	28.7 (2.56)	2.7 (0.75)	2.0! (0.87)	1.4! (0.55)	35.3 (4.23)	6.2 (1.20)	23.4 (2.99)	25.2 (3.73)	‡ (†)	8.3 (1.89)	
Over \$100,000 .....	66.5 (1.30)	27.8 (1.31)	2.0 (0.39)	1.9 (0.33)	1.8 (0.37)	23.6 (2.05)	6.1 (0.92)	26.6 (2.03)	34.8 (2.23)	1.0! (0.33)	8.0 (1.11)	
<b>Poverty status of household<sup>4</sup></b>												
Poor .....	47.0 (2.49)	39.2 (2.35)	3.7 (0.84)	2.8! (0.87)	7.3 (1.76)	29.7 (4.27)	15.8 (3.31)	18.1 (4.06)	26.2 (4.08)	3.7! (1.44)	6.6 (1.93)	
Near-poor .....	52.8 (3.04)	34.5 (2.71)	5.2! (2.04)	1.5! (0.64)	6.0 (1.33)	39.9 (4.61)	10.2! (4.41)	17.8 (2.87)	18.2 (2.73)	4.8! (1.58)	9.0 (2.16)	
Nonpoor .....	65.8 (1.18)	28.1 (1.13)	2.4 (0.40)	1.9 (0.30)	1.8 (0.25)	29.2 (1.65)	7.3 (0.78)	24.6 (1.29)	30.6 (1.66)	1.3 (0.29)	7.0 (0.81)	
<b>Household size</b>												
2 or 3 persons .....	70.4 (1.33)	22.3 (1.23)	2.3 (0.43)	1.8! (0.57)	3.2 (0.67)	29.8 (2.08)	8.6 (1.45)	21.9 (1.86)	29.0 (2.34)	3.2 (0.91)	7.6 (1.22)	
4 persons .....	59.5 (1.65)	32.8 (1.49)	3.6 (0.64)	1.8 (0.39)	2.3 (0.54)	29.4 (2.44)	8.4 (1.17)	24.9 (2.14)	29.0 (2.27)	1.8! (0.61)	6.6 (0.98)	
5 persons .....	54.5 (2.41)	38.0 (2.41)	2.1! (0.68)	1.2! (0.47)	4.2 (0.94)	35.4 (4.56)	8.6 (1.72)	22.4 (2.82)	23.2 (3.19)	2.5! (0.83)	8.0 (1.94)	
6 or more persons .....	49.0 (3.40)	35.0 (2.91)	5.5! (2.59)	3.8! (1.14)	6.7 (1.77)	35.7 (5.52)	‡ (†)	15.6 (3.97)	24.3 (4.86)	2.5! (1.09)	8.3 (2.32)	
<b>Locale</b>												
City .....	62.0 (1.69)	28.5 (1.56)	3.1 (0.48)	2.5 (0.57)	3.9 (0.89)	31.6 (2.47)	5.7 (1.10)	21.6 (2.30)	30.6 (2.44)	3.0 (0.85)	7.5 (1.27)	
Suburban .....	57.6 (1.54)	33.5 (1.64)	4.1 (1.06)	1.7 (0.41)	3.1 (0.50)	34.5 (2.89)	9.5 (2.48)	23.5 (1.94)	23.7 (2.11)	2.4 (0.67)	6.4 (0.97)	
Town .....	57.7 (3.68)	34.2 (3.63)	‡ (†)	1.7! (0.64)	3.3! (1.55)	25.8 (5.01)	9.5 (2.82)	27.0 (4.93)	28.0 (4.75)	‡ (†)	7.9! (3.09)	
Rural .....	61.2 (2.60)	30.7 (2.66)	1.2! (0.46)	2.0! (0.75)	4.9 (1.16)	25.6 (3.05)	18.1 (2.82)	16.4 (2.43)	28.7 (3.14)	‡ (†)	9.9 (2.24)	

†Not applicable.

!Interpret data with caution. The coefficient of variation (CV) for this estimate is between 30 and 50 percent.

‡Reporting standards not met. Either there are too few cases for a reliable estimate or the coefficient of variation (CV) is 50 percent or greater.

<sup>1</sup>Excludes children whose parent/guardian reported either "have not tried to find care" or "no difficulty" finding the type of child care or early childhood program wanted.

<sup>2</sup>Excludes children living apart from their parents.

<sup>3</sup>Excludes children living in households with no mother or female guardian present.

<sup>4</sup>Poor children are those whose family incomes were below the Census Bureau's poverty threshold in the year prior to data collection; near-poor children are those whose family incomes ranged from the poverty threshold to 199 percent of the poverty threshold; and nonpoor children are those whose family incomes were at or above 200 percent of the poverty threshold.

The poverty threshold is a dollar amount that varies depending on a family's size and composition and is updated annually to account for inflation. In 2015, for example, the poverty threshold for a family of four with two children was \$24,257. Survey respondents are asked to select the range within which their income falls, rather than giving the exact amount of their income; therefore, the measure of poverty status is an approximation.

NOTE: For the 2016 administration of the National Household Education Surveys Program (NHES), initial contact with all respondents was by mail, and the majority of respondents received paper-and-pencil questionnaires. However, as an experiment with web use, a small sample of NHES:2016 respondents received mailed invitations to complete the survey online. Race categories exclude persons of Hispanic ethnicity. Detail may not sum to totals because of rounding.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Early Childhood Program Participation Survey of the National Household Education Surveys Program (ECPN-NHES:2016). (This table was prepared November 2017.)

**Table 202.30b. Percentage distribution of children who were under 6 years old and not yet in kindergarten, by reported availability of good child care choices, amount of difficulty finding the type of child care wanted, and selected child and family characteristics: 2012 and 2016**

[Standard errors appear in parentheses]

Selected child or family characteristic	Whether parent/guardian feels there are good choices for child care or early childhood programs where they live						For children whose parent/guardian tried to find care, amount of difficulty finding the type of child care or early childhood program wanted									
	2012			2016			2012					2016				
	No	Yes	Don't know	No	Yes	Don't know	No difficulty	A little difficulty	Some difficulty	A lot of difficulty	Did not find the child care program wanted	No difficulty	A little difficulty	Some difficulty	A lot of difficulty	Did not find the child care program wanted
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
<b>Total children under 6 years old</b> .....	<b>16.4 (0.53)</b>	<b>57.8 (0.61)</b>	<b>25.9 (0.64)</b>	<b>16.6 (0.82)</b>	<b>57.1 (0.96)</b>	<b>26.3 (0.88)</b>	<b>42.3 (0.89)</b>	<b>19.1 (0.65)</b>	<b>22.0 (0.82)</b>	<b>11.3 (0.57)</b>	<b>5.4 (0.44)</b>	<b>49.2 (1.16)</b>	<b>16.1 (0.77)</b>	<b>16.5 (0.66)</b>	<b>10.8 (0.64)</b>	<b>7.3 (0.82)</b>
<b>Age</b>																
Under 1 year old .....	15.7 (1.19)	49.9 (1.57)	34.4 (1.71)	15.8 (1.26)	48.2 (2.07)	36.0 (2.02)	33.2 (2.97)	24.1 (2.78)	23.2 (2.58)	13.3 (2.11)	6.2 (1.44)	41.5 (2.96)	13.0 (1.73)	19.8 (1.87)	15.9 (2.24)	9.7 (2.01)
1 to 2 years old .....	17.1 (1.00)	53.8 (1.21)	29.1 (1.14)	16.9 (1.25)	54.2 (1.38)	28.9 (1.48)	37.1 (1.71)	19.4 (1.03)	25.1 (1.51)	12.7 (1.09)	5.8 (0.74)	44.8 (2.16)	17.5 (1.57)	18.1 (1.50)	12.2 (1.14)	7.4 (0.87)
3 to 5 years old .....	16.0 (0.76)	66.5 (0.99)	17.6 (0.82)	16.8 (1.15)	65.4 (1.68)	17.8 (1.15)	48.0 (1.09)	17.5 (0.85)	19.7 (0.85)	9.9 (0.76)	4.9 (0.49)	54.7 (1.70)	16.1 (0.96)	14.4 (0.90)	8.3 (0.93)	6.6 (1.37)
<b>Race/ethnicity of child and poverty status of household<sup>1</sup></b>																
White .....	15.5 (0.82)	62.5 (1.04)	22.0 (0.83)	14.7 (0.73)	63.2 (1.13)	22.2 (0.97)	45.6 (1.30)	21.0 (0.90)	21.2 (0.96)	8.6 (0.71)	3.6 (0.44)	52.6 (1.34)	17.4 (0.96)	16.3 (0.81)	8.5 (0.85)	5.1 (0.63)
Poor .....	18.7 (2.66)	52.5 (2.99)	28.8 (2.54)	18.5 (2.51)	55.0 (3.44)	26.5 (3.17)	42.4 (4.36)	15.5 (2.86)	20.8 (3.07)	13.2 (3.43)	8.1 (1.94)	53.0 (5.30)	14.8 (3.84)	5.4! (1.97)	9.6 (2.83)	17.2! (5.18)
Near-poor .....	17.7 (1.92)	52.1 (2.29)	30.2 (2.23)	18.8 (1.98)	55.0 (2.48)	26.2 (2.46)	45.3 (3.48)	18.6 (3.19)	19.3 (2.73)	9.5 (2.06)	7.3 (1.63)	49.0 (3.60)	10.9 (2.38)	20.3 (2.58)	11.3 (2.38)	8.5 (1.91)
Nonpoor .....	14.2 (0.95)	67.8 (1.25)	18.0 (0.93)	13.0 (0.72)	66.5 (1.26)	20.4 (1.23)	46.1 (1.51)	22.3 (1.20)	21.6 (0.99)	7.8 (0.77)	2.3 (0.39)	53.3 (1.37)	19.0 (1.13)	16.7 (0.90)	7.9 (0.81)	3.1 (0.52)
Black .....	19.2 (1.72)	60.6 (2.36)	20.2 (2.12)	19.0 (2.46)	58.6 (3.06)	22.4 (2.81)	41.8 (2.90)	16.6 (2.02)	21.2 (2.48)	14.0 (1.90)	6.4 (1.13)	47.0 (3.99)	15.7 (2.39)	14.9 (2.51)	15.0 (2.72)	7.5 (1.90)
Poor .....	16.3 (2.20)	62.4 (4.14)	21.3 (3.71)	15.8 (3.31)	63.8 (4.46)	20.5 (4.07)	45.8 (4.99)	16.0 (2.75)	17.5 (4.66)	11.7 (2.45)	8.9 (2.20)	51.3 (5.55)	12.8 (3.71)	13.5 (3.41)	14.8 (4.38)	7.5! (2.54)
Near-poor .....	22.7 (3.80)	56.2 (4.86)	21.1 (4.90)	18.2 (4.53)	59.5 (6.13)	22.3 (5.17)	37.4 (5.40)	17.4 (3.89)	25.0 (5.03)	12.3 (3.03)	7.9! (2.69)	47.4 (9.20)	8.9! (3.96)	12.3! (4.80)	19.5! (6.32)	11.9! (5.01)
Nonpoor .....	20.4 (3.21)	61.7 (4.23)	17.9 (3.45)	23.0 (4.71)	52.6 (5.07)	24.4 (4.00)	40.2 (5.19)	16.7 (3.66)	22.6 (3.70)	18.0 (4.26)	2.5! (1.11)	42.4 (5.23)	23.3 (4.31)	18.0 (4.09)	12.0! (4.11)	4.4! (2.11)
Hispanic .....	16.2 (1.02)	48.4 (1.44)	35.4 (1.58)	18.6 (1.71)	45.7 (2.09)	35.7 (2.30)	37.5 (2.10)	17.6 (1.79)	23.3 (1.65)	15.0 (1.38)	6.7 (1.09)	46.2 (3.05)	11.4 (1.45)	17.8 (1.99)	12.8 (1.62)	11.7 (2.92)
Poor .....	11.1 (1.50)	45.3 (2.75)	43.6 (2.97)	13.0 (2.58)	47.3 (3.74)	39.7 (3.78)	38.8 (4.30)	12.9 (2.89)	24.9 (2.81)	15.5 (2.47)	7.9 (2.01)	55.3 (4.87)	10.3 (2.97)	14.6 (3.93)	10.0 (2.56)	9.9 (2.37)
Near-poor .....	17.6 (2.22)	42.6 (3.04)	39.8 (2.88)	20.5 (3.55)	39.6 (3.86)	39.9 (4.63)	33.5 (4.30)	18.6 (3.72)	25.1 (3.93)	15.9 (2.86)	6.9! (2.14)	41.1 (5.95)	9.9 (2.46)	14.9 (2.81)	14.3 (3.23)	19.8! (8.09)
Nonpoor .....	20.0 (2.24)	56.1 (2.64)	23.8 (2.05)	20.6 (2.04)	49.7 (3.05)	29.6 (3.07)	38.9 (3.30)	19.7 (2.83)	21.3 (2.62)	14.2 (2.36)	5.8 (1.55)	45.1 (3.42)	13.0 (2.09)	21.4 (3.72)	13.3 (2.46)	7.3 (1.79)
Asian/Pacific Islander .....	15.9 (1.97)	54.2 (3.33)	29.8 (2.66)	14.7 (3.25)	48.6 (3.10)	36.6 (3.63)	31.1 (3.56)	18.5 (2.84)	29.4 (2.77)	13.6 (2.95)	7.4 (1.71)	43.0 (3.98)	21.2 (2.81)	20.0 (3.11)	9.1! (3.25)	6.7! (2.16)
Asian .....	16.2 (2.05)	53.7 (3.44)	30.2 (2.73)	15.0 (3.29)	49.3 (3.11)	35.7 (3.59)	28.7 (3.51)	19.0 (2.98)	31.0 (2.92)	13.6 (3.11)	7.7 (1.82)	43.0 (3.98)	21.2 (2.81)	20.0 (3.11)	9.1! (3.25)	6.7! (2.16)
Pacific Islander .....	‡ (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)
American Indian/Alaska Native .....	‡ (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)
Two or more races .....	17.7 (2.61)	53.2 (3.28)	29.1 (3.13)	20.3 (2.73)	59.0 (3.65)	20.7 (2.63)	38.1 (3.52)	15.3 (2.35)	22.1 (3.16)	13.5 (3.01)	11.0! (3.44)	40.6 (4.81)	19.5 (2.97)	17.3 (2.92)	14.6 (3.02)	8.1 (1.98)
<b>Number of parents in the household<sup>2</sup></b>																
Two parents .....	16.6 (0.57)	58.2 (0.72)	25.2 (0.71)	16.1 (0.83)	57.0 (1.03)	26.8 (1.01)	42.8 (1.00)	19.9 (0.69)	21.4 (0.86)	11.1 (0.69)	4.9 (0.43)	48.4 (1.26)	16.9 (0.78)	16.8 (0.81)	11.0 (0.73)	7.0 (0.97)
One parent .....	15.6 (1.24)	56.6 (1.43)	27.8 (1.34)	18.6 (1.68)	58.4 (1.94)	23.0 (1.89)	39.0 (2.26)	17.1 (1.70)	24.7 (2.21)	12.9 (1.29)	6.3 (0.86)	51.3 (2.29)	14.0 (1.54)	15.0 (1.66)	11.3 (1.83)	8.3 (1.49)
<b>Mother in household</b>																
Yes .....	16.3 (0.52)	57.8 (0.64)	25.9 (0.64)	16.6 (0.84)	57.3 (1.01)	26.1 (0.93)	41.5 (0.94)	19.4 (0.70)	22.3 (0.89)	11.5 (0.58)	5.3 (0.42)	49.0 (1.23)	16.1 (0.78)	16.4 (0.69)	11.1 (0.67)	7.4 (0.83)
No .....	17.1 (2.20)	56.9 (3.22)	26.1 (2.98)	16.2 (3.39)	54.4 (4.04)	29.5 (4.24)	50.9 (3.99)	15.0 (2.75)	18.7 (2.90)	9.6 (2.23)	5.8! (1.89)	51.7 (5.72)	16.2 (3.29)	19.5 (4.67)	5.6! (1.99)	6.9! (2.45)
<b>Mother's employment status<sup>3</sup></b>																
Currently employed .....	16.7 (0.77)	63.2 (0.85)	20.2 (0.71)	17.7 (0.82)	62.8 (1.14)	19.6 (0.90)	40.6 (1.13)	21.3 (0.87)	23.1 (1.03)	10.3 (0.69)	4.6 (0.43)	48.1 (1.42)	16.9 (1.00)	18.1 (0.92)	12.2 (0.76)	4.8 (0.72)
35 or more hours per week .....	17.0 (0.97)	63.7 (1.10)	19.3 (0.86)	18.7 (0.99)	63.5 (1.28)	17.8 (0.86)	39.1 (1.29)	22.0 (1.03)	24.3 (1.03)	10.2 (0.76)	4.4 (0.48)	46.8 (1.65)	17.7 (1.21)	18.8 (1.12)	12.6 (1.02)	4.1 (0.57)
Less than 35 hours per week .....	15.9 (1.42)	61.8 (1.68)	22.3 (1.38)	14.9 (1.47)	60.6 (2.68)	24.5 (2.56)	44.7 (2.35)	19.6 (1.51)	19.7 (1.92)	10.6 (1.51)	5.4 (0.85)	52.1 (2.53)	14.2 (2.10)	15.7 (1.57)	10.7 (1.44)	7.3! (2.62)
Looking for work .....	19.1 (2.61)	49.3 (3.19)	31.6 (2.88)	15.8 (3.88)	58.6 (4.29)	25.6 (4.03)	39.9 (4.84)	14.9 (2.80)	22.5 (3.52)	14.7 (2.18)	8.0 (2.40)	46.9 (6.03)	14.1! (5.01)	15.2! (4.79)	7.7! (3.17)	16.1! (5.39)
Not in labor force .....	15.2 (1.03)	51.7 (1.31)	33.1 (1.16)	15.1 (1.44)	48.0 (1.69)	36.9 (1.82)	46.0 (1.82)	14.7 (1.36)	19.3 (1.30)	12.8 (1.34)	7.2 (1.01)	52.6 (2.70)	13.6 (1.36)	12.2 (1.33)	7.9 (1.10)	13.6 (2.15)
<b>Mother's highest education<sup>3</sup></b>																
Less than high school .....	12.4 (1.75)	49.4 (2.67)	38.3 (2.62)	13.7 (3.07)	46.1 (3.45)	40.3 (3.50)	51.7 (3.92)	12.5 (2.49)	17.2 (2.88)	11.9 (2.48)	6.7! (2.13)	59.8 (5.41)	9.1! (2.91)	8.9 (2.61)	7.9! (2.41)	14.3! (5.58)
High school/GED .....	17.0 (1.39)	49.4 (1.93)	33.6 (1.56)	16.9 (1.83)	48.8 (2.43)	34.3 (2.42)	42.0 (2.64)	15.4 (1.88)	21.5 (2.62)	15.1 (1.69)	6.0 (1.33)	51.0 (3.00)	12.7 (1.91)	10.5 (1.85)	12.5 (2.20)	13.4 (2.75)
Vocational/technical or some college .....	20.7 (1.30)	55.3 (1.48)	24.0 (1.19)	20.3 (1.59)	53.2 (1.91)	26.5 (1.78)	39.5 (2.15)	18.6 (1.68)	20.7 (1.58)	12.6 (1.50)	8.7 (0.99)	47.3 (2.82)	15.6 (1.78)	17.9 (1.95)	11.9 (1.64)	7.3 (1.33)
Associate's degree .....	16.5 (1.91)	60.3 (2.35)	23.2 (2.20)	19.0 (2.25)	56.3 (2.98)	24.6 (2.52)	42.1 (2.48)	19.3 (2.34)	21.9 (2.32)	10.6 (1.62)	6.2 (1.30)	49.2 (3.39)	13.1 (1.91)	18.4 (2.18)	9.9 (2.22)	9.4 (1.99)
Bachelor's degree .....	15.5 (1.00)	64.8 (1.42)	19.7 (1.10)	15.3 (1.15)	64.2 (1.45)	20.5 (1.20)	39.8 (1.94)	23.5 (1.50)	24.0 (1.34)	9.2 (0.85)	3.6 (0.59)	50.6 (1.82)	17.2 (1.30)	17.0 (1.31)	11.1 (1.31)	4.2 (0.69)
Graduate/professional degree .....	13.5 (1.12)	72.5 (1.44)	14.0 (1.10)	15.3 (1.34)	70.7 (1.64)	14.0 (1.25)	42.0 (1.61)	21.4 (1.37)	25.4 (1.52)	8.7 (1.07)	2.5 (0.45)	41.3 (1.78)	22.0 (1.54)	22.3 (1.37)	10.5 (1.06)	3.9 (0.73)

See notes at end of table.

**Table 202.30b. Percentage distribution of children who were under 6 years old and not yet in kindergarten, by reported availability of good child care choices, amount of difficulty finding the type of child care wanted, and selected child and family characteristics: 2012 and 2016—Continued**

[Standard errors appear in parentheses]

Selected child or family characteristic	Whether parent/guardian feels there are good choices for child care or early childhood programs where they live						For children whose parent/guardian tried to find care, amount of difficulty finding the type of child care or early childhood program wanted										
	2012			2016			2012					2016					
	No	Yes	Don't know	No	Yes	Don't know	No difficulty	A little difficulty	Some difficulty	A lot of difficulty	Did not find the child care program wanted	No difficulty	A little difficulty	Some difficulty	A lot of difficulty	Did not find the child care program wanted	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	
Language spoken most at home by mother <sup>3</sup>																	
English .....	16.8 (0.68)	60.4 (0.74)	22.8 (0.68)	17.7 (0.97)	60.4 (1.04)	21.9 (0.77)	43.3 (1.06)	19.8 (0.79)	21.5 (0.89)	10.3 (0.61)	5.1 (0.45)	50.6 (1.28)	16.2 (0.84)	16.3 (0.75)	10.2 (0.73)	6.7 (0.69)	
Non-English .....	12.9 (1.42)	46.4 (2.36)	40.7 (2.47)	10.9 (1.77)	42.5 (3.37)	46.6 (3.86)	34.2 (3.16)	12.7 (2.13)	25.8 (2.94)	19.9 (2.59)	7.4 (1.41)	38.7 (4.45)	14.8 (2.35)	18.4 (3.00)	13.2 (2.77)	14.9! (5.94)	
English and other language equally .....	17.1 (2.60)	46.1 (3.08)	36.9 (3.33)	13.7 (2.49)	43.5 (3.79)	42.8 (4.62)	33.8 (4.31)	21.7 (3.92)	25.0 (3.53)	10.8 (2.62)	8.7! (2.62)	43.0 (3.51)	13.3 (2.42)	16.3 (2.76)	19.4 (4.18)	8.0 (2.19)	
Mother's age when first became parent <sup>4</sup>																	
Less than 18 .....	15.1 (1.78)	48.8 (3.01)	36.1 (3.09)	18.1 (3.88)	46.4 (4.70)	35.5 (4.97)	42.4 (4.69)	18.7 (4.04)	19.1 (3.60)	14.3 (2.80)	5.5! (1.84)	53.3 (6.04)	12.7! (4.49)	12.2 (3.31)	11.6! (3.65)	10.1! (3.86)	
18 or 19 .....	19.1 (2.34)	52.7 (2.68)	28.2 (2.40)	20.6 (2.69)	53.8 (3.57)	25.6 (3.06)	44.0 (3.24)	15.2 (1.93)	18.1 (2.40)	12.6 (2.13)	10.1 (2.28)	53.5 (4.91)	9.3 (2.32)	10.2 (1.85)	12.5 (2.72)	14.5! (4.77)	
20 or older .....	16.0 (0.57)	59.5 (0.74)	24.4 (0.76)	15.8 (0.78)	58.5 (0.96)	25.7 (0.94)	41.5 (1.08)	19.9 (0.78)	22.9 (0.87)	10.8 (0.62)	5.0 (0.40)	48.4 (1.28)	17.0 (0.86)	17.6 (0.82)	10.6 (0.69)	6.4 (0.72)	
Household income																	
\$20,000 or less .....	15.4 (1.30)	53.6 (1.80)	31.0 (1.67)	18.6 (2.61)	56.3 (2.69)	25.1 (2.38)	40.9 (2.73)	15.7 (1.75)	22.8 (2.33)	12.6 (1.58)	8.1 (1.27)	52.8 (2.88)	11.6 (2.02)	11.5 (1.91)	11.0 (2.06)	13.0 (2.57)	
\$20,001 to \$50,000 .....	17.8 (0.99)	49.6 (1.45)	32.7 (1.51)	16.9 (1.32)	48.3 (1.89)	34.8 (1.97)	38.5 (1.85)	18.2 (1.68)	22.2 (1.74)	13.3 (1.32)	7.9 (0.99)	45.3 (2.96)	13.9 (1.78)	17.4 (1.79)	14.2 (1.74)	9.2 (2.02)	
\$50,001 to \$75,000 .....	17.5 (1.34)	57.6 (1.88)	24.9 (1.72)	22.2 (1.94)	51.8 (2.32)	26.0 (2.19)	43.3 (2.12)	15.4 (1.33)	23.3 (2.03)	12.4 (1.57)	5.6 (1.12)	48.4 (2.88)	15.2 (1.63)	15.7 (1.74)	9.3 (1.60)	11.4 (2.88)	
\$75,001 to \$100,000 .....	18.4 (1.89)	60.6 (2.14)	20.9 (1.83)	15.0 (1.93)	58.6 (2.48)	26.4 (2.09)	41.2 (2.45)	22.3 (2.02)	21.9 (2.02)	10.6 (1.68)	4.0 (0.94)	49.8 (2.61)	16.9 (2.00)	19.0 (1.98)	10.2 (2.16)	4.2! (1.31)	
Over \$100,000 .....	13.3 (1.00)	70.2 (1.37)	16.5 (1.23)	12.5 (0.92)	68.8 (1.39)	18.7 (1.38)	46.2 (1.56)	22.5 (1.38)	20.6 (1.37)	8.5 (1.17)	2.3 (0.57)	50.5 (1.73)	19.6 (1.19)	17.5 (1.20)	9.5 (1.00)	2.9 (0.55)	
Poverty status of household <sup>1</sup>																	
Poor .....	14.9 (1.08)	52.4 (1.59)	32.7 (1.50)	17.1 (2.04)	53.1 (2.03)	29.9 (2.07)	43.3 (2.51)	14.6 (1.62)	20.7 (2.13)	13.2 (1.51)	8.3 (1.08)	52.0 (2.60)	12.3 (1.86)	11.2 (1.63)	11.7 (1.86)	12.8 (2.26)	
Near-poor .....	17.7 (1.25)	49.8 (1.75)	32.5 (1.74)	19.3 (1.73)	49.1 (2.06)	31.6 (2.10)	39.6 (2.32)	17.7 (1.93)	22.7 (2.04)	12.5 (1.29)	7.6 (1.23)	45.7 (2.97)	11.1 (1.58)	16.2 (1.71)	14.3 (1.94)	12.7 (3.05)	
Nonpoor .....	16.4 (0.77)	63.7 (1.05)	19.9 (0.87)	15.4 (0.83)	61.8 (1.09)	22.8 (0.95)	42.8 (1.17)	20.9 (0.99)	22.2 (0.86)	10.4 (0.83)	3.7 (0.49)	49.5 (1.24)	18.8 (0.97)	18.2 (0.92)	9.5 (0.84)	4.1 (0.57)	
Household size																	
2 or 3 persons .....	16.7 (1.07)	56.7 (1.19)	26.7 (1.17)	18.5 (1.43)	57.4 (1.53)	24.1 (1.16)	36.0 (1.67)	21.4 (1.23)	24.4 (1.43)	13.1 (1.20)	5.0 (0.64)	41.4 (1.71)	19.8 (1.62)	20.2 (1.48)	12.8 (1.14)	5.8 (0.79)	
4 persons .....	16.3 (0.92)	61.3 (1.26)	22.3 (1.06)	16.0 (1.06)	62.1 (1.31)	21.9 (1.19)	42.7 (1.44)	19.6 (1.16)	23.2 (1.38)	8.8 (0.83)	5.6 (0.70)	51.4 (1.70)	19.1 (1.39)	15.4 (0.95)	8.5 (0.89)	5.7 (0.86)	
5 persons .....	19.0 (1.59)	56.9 (1.64)	24.1 (1.58)	16.6 (1.80)	52.4 (2.14)	31.0 (2.19)	45.2 (2.57)	19.4 (1.76)	16.8 (1.54)	12.2 (1.75)	6.4 (1.10)	54.5 (2.46)	10.6 (1.35)	16.1 (1.83)	10.2 (1.67)	8.6 (2.50)	
6 or more persons .....	13.6 (1.10)	54.0 (1.87)	32.4 (1.92)	15.5 (2.03)	52.8 (2.53)	31.8 (2.17)	47.8 (2.69)	13.7 (1.77)	21.2 (2.05)	13.0 (1.82)	4.3 (0.99)	50.5 (3.73)	9.7 (1.71)	13.7 (1.98)	13.7 (2.39)	12.4 (3.28)	
Locale																	
City .....	17.1 (1.00)	54.3 (1.22)	28.7 (1.18)	16.5 (1.37)	53.7 (1.63)	29.8 (1.43)	33.8 (1.69)	21.1 (1.57)	24.5 (1.51)	14.2 (1.28)	6.4 (0.92)	46.7 (2.07)	16.0 (1.32)	18.5 (1.47)	12.6 (1.21)	6.2 (0.96)	
Suburban .....	13.5 (0.81)	61.1 (1.21)	25.3 (0.99)	14.4 (1.18)	60.2 (1.41)	25.5 (1.47)	45.3 (1.62)	18.3 (1.23)	21.1 (1.57)	10.7 (0.92)	4.6 (0.69)	48.9 (1.82)	17.3 (1.36)	15.5 (1.23)	9.8 (1.05)	8.4 (1.53)	
Town .....	17.9 (2.36)	58.9 (2.52)	23.2 (1.88)	21.2 (1.91)	61.0 (2.71)	17.8 (2.67)	47.9 (3.11)	17.5 (1.95)	19.0 (2.02)	9.3 (1.82)	6.3 (1.45)	54.3 (3.49)	14.5 (2.33)	12.7 (2.21)	10.4 (2.43)	8.1 (2.27)	
Rural .....	19.2 (1.55)	57.0 (1.90)	23.8 (1.68)	20.0 (1.69)	54.4 (2.43)	25.6 (2.15)	47.6 (1.92)	17.8 (1.30)	21.2 (1.74)	8.8 (1.41)	4.6 (0.78)	52.9 (2.68)	13.9 (1.43)	16.8 (1.86)	9.8 (1.67)	6.6 (1.16)	

<sup>†</sup>Not applicable.

<sup>!</sup>Interpret data with caution. The coefficient of variation (CV) for this estimate is between 30 and 50 percent.

<sup>‡</sup>Reporting standards not met. Either there are too few cases for a reliable estimate or the coefficient of variation (CV) is 50 percent or greater.

<sup>1</sup>Poor children are those whose family incomes were below the Census Bureau's poverty threshold in the year prior to data collection; near-poor children are those whose family incomes ranged from the poverty threshold to 199 percent of the poverty threshold; and nonpoor children are those whose family incomes were at or above 200 percent of the poverty threshold. The poverty threshold is a dollar amount that varies depending on a family's size and composition and is updated annually to account for inflation. In 2015, for example, the poverty threshold for a family of four with two children was \$24,257. Survey respondents are asked to select the range within which their income falls, rather than giving the exact amount of their income; therefore, the measure of poverty status is an approximation.

<sup>2</sup>Excludes children living apart from their parents.

<sup>3</sup>Excludes children living in households with no mother or female guardian present.

NOTE: The 2012 administration of the National Household Education Surveys Program (NHES) used self-administered paper-and-pencil questionnaires that were mailed to respondents. For NHES:2016, initial contact with all respondents was by mail, and the majority of respondents received paper-and-pencil questionnaires. However, as an experiment with web use, a small sample of NHES:2016 respondents received mailed invitations to complete the survey online. Race categories exclude persons of Hispanic ethnicity. Detail may not sum to totals because of rounding.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Early Childhood Program Participation Survey of the National Household Education Surveys Program (ECP-P-NHES:2012 and 2016). (This table was prepared December 2017.)

**Table 202.30c. Number of children under 6 years old and not yet in kindergarten whose families paid for child care, and families' average out-of-pocket expense, by type of child care arrangement and selected child and family characteristics: 2001 and 2016**

[Standard errors appear in parentheses]

Selected child or family characteristic	2001				2016			
	Number of children whose families paid for child care <sup>1</sup> (in thousands)	Hourly out-of-pocket expense, by type of primary nonparental care <sup>2</sup> (in constant 2016–17 dollars)			Number of children whose families paid for child care <sup>1</sup> (in thousands)	Hourly out-of-pocket expense, by type of primary nonparental care <sup>2</sup> (in constant 2016–17 dollars)		
		Relative care	Nonrelative care	Center-based care <sup>3</sup>		Relative care	Nonrelative care	Center-based care <sup>3</sup>
1	2	3	4	5	6	7	8	9
<b>Total children under 6 years old</b> .....	<b>8,587 (133.9)</b>	<b>\$2.78 (0.167)</b>	<b>\$4.42 (0.286)</b>	<b>\$4.42 (0.136)</b>	<b>8,311 (164.5)</b>	<b>\$4.99 (0.409)</b>	<b>\$6.54 (0.503)</b>	<b>\$7.60 (0.297)</b>
<b>Age</b>								
Under 1 year old .....	1,016 (55.4)	2.97 (0.421)	4.51 (0.359)	4.61 (0.527)	1,280 (80.8)	4.55 (0.667)	6.57 (0.505)	7.89 (1.016)
1 to 2 years old .....	3,128 (85.7)	2.63 (0.230)	4.44 (0.455)	4.82 (0.375)	3,051 (129.2)	5.54 (0.837)	7.16 (1.000)	7.67 (0.712)
3 to 5 years old .....	4,443 (70.9)	2.82 (0.254)	4.36 (0.414)	4.24 (0.143)	3,979 (113.1)	4.78 (0.648)	5.68 (0.698)	7.52 (0.310)
<b>Race/ethnicity of child and poverty status of household<sup>4</sup></b>								
White .....	5,745 (107.6)	2.25 (0.137)	4.31 (0.234)	4.69 (0.167)	4,758 (105.5)	3.95 (0.590)	6.08 (0.315)	7.36 (0.291)
Poor .....	417 (46.0)	± (†)	± (†)	4.471 (1.456)	166 (29.5)	± (†)	± (†)	4.10 (0.888)
Near-poor .....	757 (58.2)	2.16 (0.286)	3.12 (0.279)	3.94 (0.611)	535 (55.0)	± (†)	3.46 (0.463)	5.54 (0.623)
Nonpoor .....	4,571 (99.5)	2.34 (0.162)	4.50 (0.268)	4.82 (0.168)	4,058 (102.3)	4.68 (0.810)	6.37 (0.260)	7.67 (0.320)
Black .....	1,324 (64.6)	2.89 (0.409)	4.23 (1.004)	3.11 (0.215)	1,072 (85.7)	4.82 (1.155)	10.19! (4.026)	5.92 (1.023)
Poor .....	437 (47.0)	± (†)	± (†)	1.91 (0.313)	265 (54.3)	± (†)	± (†)	± (†)
Near-poor .....	313 (32.9)	± (†)	± (†)	3.14 (0.580)	289 (61.6)	± (†)	± (†)	± (†)
Nonpoor .....	574 (33.6)	4.50 (1.014)	4.04 (0.442)	3.71 (0.275)	518 (52.4)	± (†)	± (†)	6.11 (0.760)
Hispanic .....	1,042 (51.7)	3.10 (0.251)	3.75 (0.404)	3.89 (0.290)	1,614 (97.5)	5.61 (0.662)	5.74 (0.815)	8.66 (1.146)
Poor .....	289 (32.8)	3.37 (0.546)	3.86 (0.959)	2.37 (0.573)	252 (41.8)	3.18 (0.675)	± (†)	± (†)
Near-poor .....	231 (27.8)	3.14 (0.568)	3.41! (0.518)	± (†)	373 (42.6)	8.59 (1.698)	± (†)	5.27 (1.230)
Nonpoor .....	521 (30.2)	2.86 (0.291)	3.88 (0.322)	4.26 (0.221)	990 (79.6)	4.92 (0.814)	7.72 (1.358)	9.75 (1.411)
Asian/Pacific Islander <sup>5</sup> .....	160 (23.8)	± (†)	± (†)	5.85 (0.652)	368 (27.1)	± (†)	± (†)	11.59 (1.247)
Asian .....	— (†)	— (†)	— (†)	— (†)	368 (27.1)	± (†)	± (†)	11.59 (1.247)
Pacific Islander .....	— (†)	— (†)	— (†)	— (†)	± (†)	± (†)	± (†)	± (†)
American Indian/Alaska Native .....	± (†)	± (†)	± (†)	± (†)	± (†)	± (†)	± (†)	± (†)
Two or more races .....	267 (34.5)	± (†)	3.39 (0.645)	4.67 (0.487)	478 (53.1)	± (†)	5.60 (0.851)	7.57 (1.419)
<b>Number of parents in the household<sup>6</sup></b>								
Two parents .....	6,645 (117.0)	2.86 (0.210)	4.64 (0.326)	4.70 (0.155)	6,670 (144.5)	5.14 (0.486)	6.28 (0.282)	8.17 (0.343)
One parent .....	1,839 (87.4)	2.64 (0.262)	3.11 (0.264)	3.21 (0.283)	1,521 (116.5)	4.37 (0.831)	7.54 (2.177)	4.84 (0.475)
<b>Mother in household</b>								
Yes .....	8,357 (133.3)	2.74 (0.170)	4.32 (0.266)	4.44 (0.140)	7,948 (163.7)	4.99 (0.437)	6.54 (0.511)	7.46 (0.275)
No .....	230 (29.6)	± (†)	± (†)	3.58 (0.694)	363 (48.7)	± (†)	± (†)	11.45! (4.337)
<b>Mother's employment status<sup>7</sup></b>								
Currently employed .....	6,826 (123.8)	2.55 (0.148)	4.25 (0.311)	4.03 (0.108)	6,699 (136.9)	4.93 (0.421)	5.95 (0.245)	7.46 (0.326)
35 or more hours per week .....	4,930 (111.0)	2.54 (0.174)	3.68 (0.335)	3.77 (0.103)	5,446 (127.6)	4.65 (0.451)	5.84 (0.246)	7.39 (0.350)
Less than 35 hours per week .....	1,897 (81.7)	2.58 (0.236)	5.72 (0.701)	4.61 (0.244)	1,253 (62.1)	6.04 (1.016)	6.40 (0.780)	7.79 (0.505)
Looking for work .....	191 (27.2)	± (†)	± (†)	4.26 (0.572)	135 (29.2)	± (†)	± (†)	± (†)
Not in labor force .....	1,432 (74.5)	± (†)	6.52 (0.684)	5.63 (0.497)	1,241 (77.3)	± (†)	13.50! (5.592)	6.81 (0.414)
<b>Mother's highest education<sup>7</sup></b>								
Less than high school .....	498 (52.9)	3.16 (0.433)	3.29 (0.766)	3.19 (0.776)	475 (91.7)	± (†)	± (†)	± (†)
High school/GED .....	2,116 (102.1)	2.43 (0.234)	3.67 (0.500)	3.58 (0.233)	882 (78.4)	5.48 (1.188)	4.58 (1.120)	6.66 (1.307)
Vocational/technical or some college .....	1,846 (84.8)	2.37 (0.231)	3.60 (0.239)	3.80 (0.335)	1,307 (66.5)	4.07 (0.742)	4.77 (0.480)	6.15 (0.363)
Associate's degree .....	784 (61.9)	2.73 (0.686)	5.22! (2.100)	4.48 (0.566)	692 (55.7)	3.67 (0.644)	4.53 (1.071)	5.94 (0.672)
Bachelor's degree .....	2,108 (76.6)	2.52 (0.253)	4.40 (0.247)	5.04 (0.230)	2,862 (97.8)	5.41 (0.872)	7.94 (1.462)	7.95 (0.427)
Graduate/professional degree .....	1,096 (63.2)	± (†)	6.44 (0.812)	5.65 (0.356)	1,857 (56.8)	7.40 (1.495)	7.69 (0.352)	8.97 (0.557)
<b>Language spoken most at home by mother<sup>5</sup></b>								
English .....	7,810 (128.7)	2.56 (0.180)	4.26 (0.222)	4.36 (0.140)	7,061 (148.9)	4.31 (0.438)	6.23 (0.524)	7.07 (0.277)
English and another language equally .....	194 (21.5)	± (†)	± (†)	4.13 (0.502)	324 (31.8)	± (†)	± (†)	11.20 (1.356)
Non-English .....	445 (43.5)	3.97 (0.617)	3.69 (0.706)	6.60 (1.741)	690 (61.6)	6.50 (1.381)	9.37 (2.090)	10.28 (1.881)
<b>Mother's age when first became parent<sup>7</sup></b>								
Less than 18 .....	568 (45.8)	2.79 (0.381)	5.99! (2.316)	2.43 (0.258)	301 (48.7)	± (†)	± (†)	5.43 (1.177)
18 or 19 .....	915 (70.1)	2.37 (0.324)	2.71 (0.240)	2.63 (0.286)	602 (79.9)	3.92 (1.037)	3.48 (0.508)	4.00 (1.128)
20 or older .....	6,966 (130.8)	2.85 (0.218)	4.49 (0.300)	4.74 (0.154)	7,137 (150.1)	5.11 (0.502)	6.99 (0.576)	7.70 (0.268)
<b>Household income</b>								
\$20,000 or less .....	1,379 (76.8)	2.52 (0.257)	3.75 (0.764)	3.08 (0.546)	608 (61.6)	3.80 (0.775)	± (†)	4.29 (0.721)
\$20,001 to \$50,000 .....	2,541 (102.0)	2.46 (0.222)	4.03 (0.608)	3.74 (0.249)	1,537 (108.0)	5.22 (0.906)	5.43 (1.121)	5.33 (0.801)
\$50,001 to \$75,000 .....	2,114 (95.2)	3.14 (0.340)	3.58 (0.173)	4.21 (0.218)	1,313 (75.8)	5.50 (1.152)	4.20 (0.482)	6.04 (0.502)
\$75,001 to \$100,000 .....	1,207 (70.0)	3.42 (0.716)	4.48 (0.388)	4.65 (0.157)	1,283 (66.8)	4.02 (1.103)	5.54 (0.496)	7.13 (0.419)
Over \$100,000 .....	1,347 (70.1)	± (†)	7.03 (0.832)	6.19 (0.398)	3,569 (88.9)	6.06 (0.806)	7.83 (0.370)	9.27 (0.467)
<b>Poverty status of household<sup>7</sup></b>								
Poor .....	1,202 (80.2)	2.60 (0.283)	4.04 (0.969)	3.17 (0.641)	776 (74.7)	3.47 (0.668)	± (†)	4.01 (0.500)
Near-poor .....	1,349 (72.8)	2.46 (0.305)	4.42 (1.190)	3.68 (0.419)	1,317 (87.7)	6.12 (0.995)	4.06 (0.409)	5.92 (1.030)
Nonpoor .....	6,037 (119.1)	3.04 (0.256)	4.49 (0.219)	4.72 (0.141)	6,217 (114.6)	5.03 (0.539)	6.77 (0.341)	8.18 (0.322)

See notes at end of table.

**Table 202.30c. Number of children under 6 years old and not yet in kindergarten whose families paid for child care, and families' average out-of-pocket expense, by type of child care arrangement and selected child and family characteristics: 2001 and 2016—Continued**

[Standard errors appear in parentheses]

Selected child or family characteristic	2001				2016			
	Number of children whose families paid for child care <sup>1</sup> (in thousands)	Hourly out-of-pocket expense, by type of primary nonparental care <sup>2</sup> (in constant 2016–17 dollars)			Number of children whose families paid for child care <sup>1</sup> (in thousands)	Hourly out-of-pocket expense, by type of primary nonparental care <sup>2</sup> (in constant 2016–17 dollars)		
		Relative care	Nonrelative care	Center-based care <sup>3</sup>		Relative care	Nonrelative care	Center-based care <sup>3</sup>
1	2	3	4	5	6	7	8	9
<b>Household size</b>								
2 or 3 persons .....	2,536 (100.4)	2.76 (0.269)	4.66 (0.454)	4.07 (0.150)	2,402 (79.3)	5.51 (0.701)	7.35 (0.673)	7.19 (0.350)
4 persons .....	3,681 (109.9)	2.93 (0.320)	4.09 (0.185)	4.82 (0.254)	3,428 (113.7)	4.80 (0.652)	6.17 (0.437)	8.19 (0.552)
5 persons .....	1,619 (70.1)	2.16 (0.231)	5.15 (1.144)	4.33 (0.210)	1,492 (80.6)	5.54 (1.189)	5.75 (0.629)	6.68 (0.431)
6 or more persons .....	752 (59.2)	3.35 (0.601)	3.39 (0.603)	3.63 (0.609)	988 (97.0)	4.12 (0.941)	6.83! (2.998)	7.92 (1.448)
<b>Locale</b>								
City .....	— (†)	— (†)	— (†)	— (†)	2,816 (119.9)	5.31 (0.727)	7.07 (0.656)	8.65 (0.754)
Suburban .....	— (†)	— (†)	— (†)	— (†)	3,556 (111.3)	5.52 (0.720)	7.69 (1.112)	7.89 (0.293)
Town .....	— (†)	— (†)	— (†)	— (†)	678 (65.0)	‡ (†)	4.32 (1.215)	4.50 (0.552)
Rural .....	— (†)	— (†)	— (†)	— (†)	1,261 (68.7)	2.89 (0.422)	4.55 (0.409)	5.58 (0.395)

—Not available.

†Not applicable.

!Interpret data with caution. The coefficient of variation (CV) for this estimate is between 30 and 50 percent.

‡Reporting standards not met. Either there are too few cases for a reliable estimate or the coefficient of variation (CV) is 50 percent or greater.

<sup>1</sup>Estimates include only those children whose families paid at least part of the cost out of pocket for their child to receive nonparental care at least weekly. Children for whom no fee was charged, or for whom another source paid the entire fee, are excluded from the estimates.

<sup>2</sup>A child's primary arrangement is the regular nonparental care arrangement or early childhood education program in which the child spent the most time per week.

<sup>3</sup>Center-based arrangements include day care centers, Head Start programs, preschools, prekindergartens, and childhood programs.

<sup>4</sup>Poor children are those whose family incomes were below the Census Bureau's poverty threshold in the year prior to data collection; near-poor children are those whose family incomes ranged from the poverty threshold to 199 percent of the poverty threshold; and nonpoor children are those whose family incomes were at or above 200 percent of the poverty threshold. The poverty threshold is a dollar amount that varies depending on a

family's size and composition and is updated annually to account for inflation. In 2015, for example, the poverty threshold for a family of four with two children was \$24,257. Survey respondents are asked to select the range within which their income falls, rather than giving the exact amount of their income; therefore, the measure of poverty status is an approximation.

<sup>5</sup>The 2001 questionnaire included a single item for "Asian or Pacific Islander," whereas questionnaires for later years included one item for Asian and a separate item for Pacific Islander.

<sup>6</sup>Excludes children living apart from their parents.

<sup>7</sup>Excludes children living in households with no mother or female guardian present.

NOTE: In 2001, National Household Education Surveys Program (NHES) surveys were administered via telephone with an interviewer. For NHES:2016, initial contact with all respondents was by mail, and the majority of respondents received paper-and-pencil questionnaires. However, as an experiment with web use, a small sample of NHES:2016 respondents received mailed invitations to complete the survey online. Race categories exclude persons of Hispanic ethnicity. Detail may not sum to totals because of rounding. SOURCE: U.S. Department of Education, National Center for Education Statistics, Early Childhood Program Participation Survey of the National Household Education Surveys Program (ECP-P-NHES:2001 and 2016). (This table was prepared January 2018.)

**Table 203.10. Enrollment in public elementary and secondary schools, by level and grade: Selected years, fall 1980 through fall 2027**

[In thousands]

Year	All grades	Elementary												Secondary					
		Total	Prekin- dergar- ten	Kinder- garten	1st grade	2nd grade	3rd grade	4th grade	5th grade	6th grade	7th grade	8th grade	Un- graded	Total	9th grade	10th grade	11th grade	12th grade	Un- graded <sup>1</sup>
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
1980	40,877	27,647	96	2,593	2,894	2,800	2,893	3,107	3,130	3,038	3,085	3,086	924	13,231	3,377	3,368	3,195	2,925	366
1985	39,422	27,034	151	3,041	3,239	2,941	2,895	2,771	2,776	2,789	2,938	2,982	511	12,388	3,439	3,230	2,866	2,550	303
1990	41,217	29,876	303	3,306	3,499	3,327	3,297	3,248	3,197	3,110	3,067	2,979	541	11,341	3,169	2,896	2,612	2,381	284
1991	42,047	30,503	375	3,311	3,556	3,360	3,334	3,315	3,268	3,239	3,181	3,020	542	11,544	3,313	2,915	2,645	2,392	278
1992	42,823	31,086	505	3,313	3,542	3,431	3,361	3,342	3,325	3,303	3,299	3,129	536	11,737	3,352	3,027	2,656	2,431	272
1993	43,465	31,502	545	3,377	3,529	3,429	3,437	3,361	3,350	3,356	3,355	3,249	513	11,963	3,487	3,050	2,751	2,424	250
1994	44,111	31,896	603	3,444	3,593	3,440	3,439	3,426	3,372	3,381	3,404	3,302	492	12,215	3,604	3,131	2,748	2,488	244
1995	44,840	32,338	637	3,536	3,671	3,507	3,445	3,431	3,438	3,395	3,422	3,356	500	12,502	3,704	3,237	2,826	2,487	247
1996	45,611	32,762	670	3,532	3,770	3,600	3,524	3,454	3,453	3,494	3,464	3,403	399	12,849	3,801	3,323	2,930	2,586	208
1997	46,127	33,071	695	3,503	3,755	3,689	3,597	3,507	3,458	3,492	3,520	3,415	440	13,056	3,819	3,376	2,972	2,673	216
1998	46,539	33,344	729	3,443	3,727	3,681	3,696	3,592	3,520	3,497	3,530	3,480	449	13,195	3,856	3,382	3,021	2,722	214
1999	46,857	33,486	751	3,397	3,684	3,656	3,691	3,686	3,604	3,564	3,541	3,497	415	13,371	3,935	3,415	3,034	2,782	205
2000	47,204	33,686	776	3,382	3,636	3,634	3,676	3,711	3,707	3,663	3,629	3,538	334	13,517	3,963	3,491	3,083	2,803	177
2001	47,672	33,936	865	3,379	3,614	3,593	3,653	3,695	3,727	3,769	3,720	3,616	304	13,736	4,012	3,528	3,174	2,863	159
2002	48,183	34,114	915	3,434	3,594	3,565	3,623	3,669	3,711	3,788	3,821	3,709	285	14,069	4,105	3,584	3,229	2,990	161
2003	48,540	34,201	950	3,503	3,613	3,544	3,611	3,619	3,685	3,772	3,841	3,809	255	14,339	4,190	3,675	3,277	3,046	150
2004	48,795	34,178	990	3,544	3,663	3,560	3,580	3,612	3,635	3,735	3,818	3,825	215	14,618	4,281	3,750	3,369	3,094	122
2005	49,113	34,204	1,036	3,619	3,691	3,606	3,586	3,578	3,633	3,670	3,777	3,802	205	14,909	4,287	3,866	3,454	3,180	121
2006	49,316	34,235	1,084	3,631	3,751	3,641	3,627	3,586	3,602	3,660	3,716	3,766	170	15,081	4,260	3,882	3,551	3,277	110
2007	49,291	34,204	1,081	3,609	3,750	3,704	3,659	3,624	3,600	3,628	3,700	3,709	139	15,086	4,200	3,863	3,557	3,375	92
2008	49,266	34,286	1,180	3,640	3,708	3,699	3,708	3,647	3,629	3,614	3,653	3,692	117	14,980	4,123	3,822	3,548	3,400	87
2009	49,361	34,409	1,223	3,678	3,729	3,665	3,707	3,701	3,652	3,644	3,641	3,651	119	14,952	4,080	3,809	3,541	3,432	90
2010	49,484	34,625	1,279	3,682	3,754	3,701	3,686	3,711	3,718	3,682	3,676	3,659	77	14,860	4,008	3,800	3,538	3,472	42
2011	49,522	34,773	1,291	3,746	3,773	3,713	3,703	3,672	3,699	3,724	3,696	3,679	77	14,749	3,957	3,751	3,546	3,452	43
2012	49,771	35,018	1,307	3,831	3,824	3,729	3,719	3,690	3,673	3,723	3,746	3,699	76	14,753	3,975	3,730	3,528	3,477	43
2013	50,045	35,251	1,328	3,834	3,885	3,791	3,738	3,708	3,697	3,684	3,748	3,753	85	14,794	3,980	3,761	3,526	3,476	52
2014	50,313	35,370	1,369	3,772	3,863	3,857	3,806	3,719	3,719	3,710	3,710	3,757	87	14,943	4,033	3,794	3,568	3,496	52
2015 <sup>2</sup>	50,438	35,388	1,402	3,713	3,768	3,842	3,869	3,793	3,733	3,731	3,732	3,719	87	15,050	4,019	3,846	3,598	3,537	49
Projected																			
2016	50,580	35,504	1,407	3,727	3,779	3,747	3,854	3,859	3,802	3,747	3,754	3,740	87	15,076	3,979	3,834	3,647	3,567	49
2017	50,649	35,551	1,395	3,697	3,793	3,758	3,759	3,844	3,868	3,817	3,770	3,763	87	15,097	4,002	3,795	3,635	3,616	49
2018	50,701	35,606	1,396	3,698	3,777	3,772	3,770	3,749	3,854	3,883	3,840	3,779	87	15,095	4,026	3,817	3,599	3,604	49
2019	50,803	35,683	1,407	3,727	3,779	3,756	3,783	3,760	3,758	3,869	3,907	3,849	87	15,120	4,043	3,840	3,619	3,568	49
2020	50,971	35,717	1,417	3,754	3,808	3,758	3,768	3,774	3,769	3,773	3,893	3,916	87	15,254	4,118	3,856	3,642	3,588	49
2021	51,146	35,711	1,427	3,781	3,836	3,787	3,770	3,758	3,783	3,784	3,796	3,902	86	15,435	4,190	3,928	3,657	3,610	50
2022	51,317	35,745	1,437	3,808	3,864	3,815	3,799	3,760	3,767	3,798	3,807	3,805	87	15,572	4,175	3,997	3,725	3,626	50
2023	51,488	35,902	1,447	3,832	3,891	3,842	3,827	3,789	3,769	3,782	3,821	3,816	87	15,585	4,071	3,982	3,790	3,693	50
2024	51,619	36,071	1,455	3,855	3,916	3,869	3,854	3,817	3,798	3,784	3,805	3,830	87	15,549	4,083	3,883	3,776	3,757	50
2025	51,712	36,245	1,463	3,876	3,939	3,894	3,881	3,844	3,826	3,813	3,807	3,814	88	15,467	4,098	3,894	3,682	3,743	50
2026	51,833	36,451	1,469	3,892	3,960	3,917	3,906	3,871	3,854	3,841	3,837	3,816	88	15,382	4,081	3,908	3,693	3,651	49
2027	52,059	36,668	1,474	3,905	3,977	3,938	3,930	3,896	3,880	3,869	3,865	3,845	89	15,391	4,083	3,892	3,706	3,661	49

<sup>1</sup>Includes students reported as being enrolled in grade 13.

<sup>2</sup>For 2015, the prekindergarten, elementary total, and "all grades" counts include imputations for prekindergarten enrollment in California and Oregon.

NOTE: Due to changes in reporting and imputation practices, prekindergarten enrollment for years prior to 1992 represent an undercount compared to later years. The total ungraded counts of students were prorated to the elementary and secondary levels based on prior reports. Detail may not sum to totals because of rounding.

SOURCE: U.S. Department of Education, National Center for Education Statistics, *Statistics of Public Elementary and Secondary School Systems, 1980-81*; Common Core of Data (CCD), "State Nonfiscal Survey of Public Elementary/Secondary Education," 1985-86 through 2015-16; and National Elementary and Secondary Enrollment Projection Model, 1972 through 2027. (This table was prepared December 2017.)

**Table 203.20. Enrollment in public elementary and secondary schools, by region, state, and jurisdiction: Selected years, fall 1990 through fall 2027**

Region, state, and jurisdiction	Actual total enrollment														Percent change in total enrollment, 2010 to 2015	Projected total enrollment						Percent change in total enrollment, 2015 to 2027
	Fall 1990	Fall 2000	Fall 2005	Fall 2006	Fall 2007	Fall 2008	Fall 2009	Fall 2010	Fall 2011	Fall 2012	Fall 2013	Fall 2014	Fall 2015 <sup>1</sup>	Fall 2016		Fall 2017	Fall 2018	Fall 2019	Fall 2020	Fall 2027		
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	
<b>United States</b> .....	<b>41,216,683</b>	<b>47,203,539</b>	<b>49,113,298</b>	<b>49,315,842</b>	<b>49,290,559</b>	<b>49,265,572</b>	<b>49,360,982</b>	<b>49,484,181</b>	<b>49,521,669</b>	<b>49,771,118</b>	<b>50,044,522</b>	<b>50,312,581</b>	<b>50,438,043</b>	<b>1.9</b>	<b>50,579,500</b>	<b>50,648,600</b>	<b>50,700,800</b>	<b>50,802,600</b>	<b>50,971,100</b>	<b>52,059,100</b>	<b>3.2</b>	
<b>Region</b>																						
Northeast .....	7,281,763	8,222,127	8,240,160	8,257,889	8,122,022	8,052,985	8,092,029	8,071,335	7,953,981	7,959,128	7,961,243	7,979,856	7,933,762	-1.7	7,893,700	7,847,900	7,805,400	7,772,500	7,751,500	7,627,600	-3.9	
Midwest .....	9,943,761	10,729,987	10,818,815	10,819,248	10,770,210	10,742,973	10,672,171	10,609,604	10,573,792	10,559,230	10,572,920	10,560,539	10,555,579	-0.5	10,533,600	10,501,900	10,472,400	10,451,800	10,445,700	10,404,900	-1.4	
South .....	14,807,016	17,007,261	18,103,166	18,293,633	18,422,773	18,490,770	18,651,889	18,805,000	18,955,932	19,128,376	19,298,714	19,506,193	19,641,472	4.4	19,817,300	19,948,000	20,065,300	20,198,800	20,362,500	21,426,400	9.1	
West .....	9,184,143	11,244,164	11,951,157	11,945,072	11,975,554	11,978,844	11,944,893	11,998,242	12,037,964	12,124,384	12,211,645	12,265,993	12,307,230	2.6	12,334,900	12,350,800	12,357,800	12,379,500	12,411,300	12,600,300	2.4	
<b>State</b>																						
Alabama .....	721,806	739,992	741,761	743,632	742,919	745,668	748,889	755,552	744,621	744,637	746,204	744,164	743,789	-1.6	739,800	734,900	731,800	731,100	732,000	746,700	0.4	
Alaska .....	113,903	133,356	133,288	132,608	131,029	130,662	131,661	132,104	131,167	131,489	130,944	131,176	132,477	0.3	134,200	135,400	136,500	137,700	139,400	149,700	13.0	
Arizona .....	639,853	877,696	1,094,454	1,068,249	1,087,447	1,087,817	1,077,831	1,071,751	1,080,319	1,089,384	1,102,445	1,111,695	1,109,040	3.5	1,116,300	1,121,700	1,127,400	1,135,400	1,144,700	1,203,400	8.5	
Arkansas .....	436,286	449,959	474,206	476,409	479,016	478,965	480,559	482,114	483,114	486,157	489,979	490,917	492,132	2.1	492,700	492,200	491,700	491,900	492,500	506,800	3.0	
California .....	4,950,474	6,140,814	6,437,202	6,406,750	6,343,471	6,322,528	6,263,438	6,289,578	6,287,834	6,299,451	6,312,623	6,312,161	6,305,347	0.3	6,279,400	6,246,800	6,205,200	6,173,300	6,146,200	5,978,900	-5.2	
Colorado .....	574,213	724,508	779,826	794,026	801,867	818,443	832,368	843,316	854,265	863,561	876,999	889,006	899,112	6.6	907,900	915,600	922,000	928,200	934,700	982,800	9.3	
Connecticut .....	469,123	562,179	575,059	575,100	570,626	567,198	563,968	560,546	554,437	550,954	546,200	542,678	537,933	-4.0	530,900	523,300	515,800	509,300	503,500	472,100	-12.2	
Delaware .....	99,658	114,676	120,937	122,254	122,574	125,430	126,801	129,403	128,946	129,026	131,687	134,042	134,847	4.2	136,400	137,600	138,400	139,600	140,700	144,100	6.9	
District of Columbia ..	80,694	68,925	76,876	72,850	78,422	68,681	69,433	71,284	73,911	76,140	78,153	80,958	84,024	17.9	84,400	87,200	90,000	92,900	95,800	107,600	28.1	
Florida .....	1,861,592	2,434,821	2,675,024	2,671,513	2,666,811	2,631,020	2,634,522	2,643,347	2,668,156	2,692,162	2,720,744	2,756,944	2,792,234	5.6	2,836,700	2,873,400	2,910,200	2,948,200	2,994,000	3,266,700	17.0	
Georgia .....	1,151,687	1,444,937	1,598,461	1,629,157	1,649,589	1,655,792	1,667,685	1,677,067	1,685,016	1,703,332	1,723,909	1,744,437	1,757,237	4.8	1,770,700	1,778,800	1,784,900	1,792,100	1,801,800	1,857,800	5.7	
Hawaii .....	171,708	184,360	182,818	180,728	179,897	179,478	180,196	179,601	182,706	184,760	186,825	182,384	181,995	1.3	183,200	184,200	184,800	186,100	187,000	191,300	5.1	
Idaho .....	220,840	245,117	261,982	267,380	272,119	275,051	276,299	275,859	279,873	284,834	296,476	290,885	292,277	6.0	293,800	295,000	296,400	297,500	298,800	308,900	5.7	
Illinois .....	1,821,407	2,048,792	2,111,706	2,118,276	2,112,805	2,119,707	2,104,175	2,091,654	2,083,097	2,072,880	2,066,990	2,050,239	2,041,779	-2.4	2,036,800	2,027,600	2,017,500	2,009,300	1,999,400	1,899,500	-7.0	
Indiana .....	954,525	989,267	1,035,074	1,045,940	1,046,764	1,046,147	1,046,661	1,047,232	1,040,765	1,041,369	1,047,385	1,046,269	1,046,757	#	1,045,900	1,041,800	1,038,600	1,034,200	1,034,100	1,051,300	0.4	
Iowa .....	483,652	495,080	483,482	483,122	485,115	487,559	491,842	495,775	495,870	499,825	502,964	505,311	508,014	2.5	510,300	512,300	514,400	517,400	520,700	538,400	6.0	
Kansas .....	437,034	470,610	467,525	469,506	468,295	471,060	474,489	483,701	486,108	489,043	496,440	497,275	495,884	2.5	496,100	495,500	494,700	494,200	494,500	496,500	0.1	
Kentucky .....	636,401	665,850	679,878	683,152	666,225	670,030	680,089	673,128	681,987	685,167	677,389	688,640	686,598	2.0	687,500	687,200	686,600	686,800	688,700	706,500	2.9	
Louisiana .....	784,757	743,089	654,526	675,851	681,038	684,873	690,915	696,558	703,390	710,903	711,491	716,800	718,711	3.2	723,000	724,000	724,000	724,900	726,500	743,000	3.4	
Maine .....	215,149	207,037	195,498	193,986	196,245	192,935	189,225	189,077	188,969	185,739	183,995	182,470	181,613	-3.9	179,800	178,100	176,700	175,500	174,700	170,700	-6.0	
Maryland .....	715,176	852,920	860,020	851,640	845,700	843,861	848,412	852,211	854,086	859,638	866,169	874,514	879,601	3.2	888,100	895,500	901,200	909,000	915,100	933,800	6.2	
Massachusetts .....	834,314	975,150	971,909	968,661	962,958	958,910	957,053	955,563	953,369	954,773	955,739	955,844	964,026	0.9	963,500	960,900	958,000	954,800	952,300	941,600	-2.3	
Michigan .....	1,584,431	1,720,626	1,742,282	1,722,656	1,692,739	1,659,921	1,649,082	1,587,067	1,573,537	1,555,370	1,548,841	1,537,922	1,536,231	-3.2	1,520,100	1,502,500	1,486,000	1,470,200	1,458,500	1,410,600	-8.2	
Minnesota .....	756,374	854,340	839,243	840,565	837,578	836,048	837,053	838,037	839,738	845,404	850,973	857,235	864,384	3.1	873,800	880,100	886,200	892,100	899,200	922,700	6.7	
Mississippi .....	502,417	497,871	494,954	495,026	494,122	491,962	492,481	490,526	490,619	493,650	492,586	490,917	487,200	-0.7	484,100	480,300	475,900	472,400	469,800	455,200	-6.6	
Missouri .....	816,558	912,744	917,705	920,353	917,188	917,871	917,982	918,710	916,584	917,900	918,288	917,785	919,234	0.1	918,800	917,300	916,100	916,200	917,700	930,500	1.2	
Montana .....	152,974	154,875	145,416	144,418	142,823	141,899	141,807	141,693	142,439	142,908	144,129	144,532	145,319	2.6	146,600	147,800	149,300	150,700	152,100	160,800	10.6	
Nebraska .....	274,081	286,199	286,646	287,580	291,244	292,590	295,368	298,500	301,296	303,505	307,677	312,635	316,014	5.9	318,700	321,100	323,000	325,200	327,200	339,200	7.3	
Nevada .....	201,316	340,706	412,395	424,766	429,362	433,371	428,947	437,149	439,634	445,707	451,831	459,189	467,527	6.9	473,600	480,600	487,600	494,000	500,300	534,700	14.4	
New Hampshire .....	172,785	208,641	205,767	203,572	200,772	197,934	197,140	194,711	191,900	188,974	186,310	182,425	182,425	-6.3	180,200	177,900	175,700	173,700	171,900	163,700	-10.3	
New Jersey .....	1,089,646	1,313,405	1,395,602	1,388,850	1,382,348	1,381,420	1,396,029	1,402,548	1,356,431	1,372,203	1,370,295	1,400,579	1,408,845	0.4	1,402,800	1,395,200	1,389,200	1,384,500	1,381,400	1,355,000	-3.8	
New Mexico .....	301,881	320,306	326,758	328,220	329,400	330,245	334,419	338,122	337,225	338,220	339,244	340,365	335,694	-0.7	333,700	330,800	328,600	327,300	326,000	316,800	-5.6	
New York .....	2,598,337	2,882,188	2,815,581	2,809,649	2,765,435	2,740,592	2,766,552	2,734,955	2,704,718	2,710,703	2,732,770	2,741,185	2,711,626	-0.9	2,707,500	2,700,100	2,691,000	2,687,100	2,686,500	2,661,700	-1.8	
North Carolina .....	1,086,871	1,293,638	1,416,436	1,489,481	1,489,492	1,488,645	1,483,397	1,490,605	1,507,864	1,518,465	1											

**Table 203.20. Enrollment in public elementary and secondary schools, by region, state, and jurisdiction: Selected years, fall 1990 through fall 2027—Continued**

Region, state, and jurisdiction	Actual total enrollment													Percent change in total enrollment, 2010 to 2015	Projected total enrollment						Percent change in total enrollment, 2015 to 2027
	Fall 1990	Fall 2000	Fall 2005	Fall 2006	Fall 2007	Fall 2008	Fall 2009	Fall 2010	Fall 2011	Fall 2012	Fall 2013	Fall 2014	Fall 2015 <sup>1</sup>		Fall 2016	Fall 2017	Fall 2018	Fall 2019	Fall 2020	Fall 2027	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
Ohio .....	1,771,089	1,835,049	1,839,683	1,836,722	1,827,184	1,817,163	1,764,297	1,754,191	1,740,030	1,729,916	1,724,111	1,724,810	1,716,585	-2.1	1,703,500	1,693,300	1,684,300	1,678,300	1,675,200	1,670,900	-2.7
Oklahoma .....	579,087	623,110	634,739	639,391	642,065	645,108	654,802	659,911	666,120	673,483	681,848	688,511	692,878	5.0	698,500	702,700	706,800	711,500	716,900	753,700	8.8
Oregon .....	472,394	546,231	552,194	562,574	565,586	575,393	582,839	570,720	568,208	587,564	593,000	601,318	608,825	6.7	612,400	616,300	621,300	626,900	633,600	669,800	10.0
Pennsylvania .....	1,667,834	1,814,311	1,830,684	1,871,060	1,801,971	1,775,029	1,785,993	1,793,284	1,771,395	1,763,677	1,755,236	1,743,160	1,717,414	-4.2	1,701,600	1,686,200	1,673,800	1,663,700	1,658,600	1,647,100	-4.1
Rhode Island .....	138,813	157,347	153,422	151,612	147,629	145,342	145,118	143,793	142,854	142,481	142,008	141,959	142,014	-1.2	141,200	141,400	141,200	140,500	139,800	136,100	-4.1
South Carolina .....	622,112	677,411	701,544	708,021	712,317	718,113	723,143	725,838	727,186	735,998	745,657	756,523	763,533	5.2	772,800	780,400	787,800	795,500	804,500	850,800	11.4
South Dakota .....	129,164	128,603	122,012	121,158	121,606	126,429	123,713	126,128	128,016	130,471	130,890	133,040	134,253	6.4	135,500	136,700	138,200	139,900	141,700	150,100	11.8
Tennessee .....	824,595	909,161	953,928	978,368	964,259	971,950	972,549	987,422	999,693	993,496	993,556	995,475	1,001,235	1.4	1,000,500	999,800	999,700	1,001,500	1,005,300	1,043,600	4.2
Texas .....	3,382,887	4,059,619	4,525,394	4,599,509	4,674,832	4,752,148	4,850,210	4,935,715	5,000,470	5,077,659	5,153,702	5,233,765	5,301,477	7.4	5,382,600	5,450,200	5,511,900	5,572,900	5,641,500	6,080,000	14.7
Utah .....	446,652	481,485	508,430	523,386	576,244	559,778	571,586	585,552	598,832	613,279	625,461	635,577	647,870	10.6	657,600	665,400	672,700	680,000	687,100	729,300	12.6
Vermont .....	95,762	102,049	96,638	95,399	94,038	93,625	91,451	96,858	89,908	89,624	88,690	87,311	87,866	-9.3	86,100	84,900	84,000	83,300	82,700	79,700	-9.3
Virginia .....	998,601	1,144,915	1,213,616	1,220,440	1,230,857	1,235,795	1,245,340	1,251,440	1,257,883	1,265,419	1,273,825	1,280,381	1,283,590	2.6	1,287,600	1,289,100	1,288,900	1,290,500	1,293,700	1,325,900	3.3
Washington .....	839,709	1,004,770	1,031,985	1,026,774	1,030,247	1,037,018	1,035,347	1,043,788	1,045,453	1,051,694	1,058,936	1,073,638	1,087,030	4.1	1,100,900	1,114,800	1,129,000	1,144,500	1,162,600	1,270,700	16.9
West Virginia .....	322,389	286,367	280,866	281,939	282,535	282,729	282,662	282,879	282,870	283,044	280,958	280,310	277,452	-1.9	275,600	272,900	270,300	268,400	266,700	263,400	-5.1
Wisconsin .....	797,621	879,476	875,174	876,700	874,633	873,750	872,436	872,286	871,105	872,436	874,414	871,432	867,800	-0.5	865,500	862,500	859,400	858,000	857,800	857,300	-1.2
Wyoming .....	98,226	89,940	84,409	85,193	86,422	87,161	88,155	89,009	90,099	91,533	92,732	94,067	94,717	6.4	95,500	96,300	97,100	98,000	98,900	103,200	8.9
<b>Jurisdiction</b>																					
Bureau of Indian Education .....	—	46,938	50,938	—	—	40,927	41,351	41,962	—	—	—	—	—	—	—	—	—	—	—	—	—
DoD, education activities .....	—	107,755	90,872	87,522	84,795	84,781	—	—	—	—	—	—	74,970	—	—	—	—	—	—	—	—
Other jurisdictions																					
American Samoa ..	12,463	15,702	16,438	16,400	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Guam .....	26,391	32,473	30,986	—	—	—	—	31,618	31,243	31,186	33,414	31,144	30,821	-2.5	—	—	—	—	—	—	—
Northern Marianas	6,449	10,004	11,718	11,695	11,299	10,913	10,961	11,105	11,011	10,646	10,638	—	—	—	—	—	—	—	—	—	—
Puerto Rico .....	644,734	612,725	563,490	544,138	526,565	503,635	493,393	473,735	452,740	434,609	423,934	410,950	379,818	-19.8	—	—	—	—	—	—	—
U.S. Virgin Islands	21,750	19,459	16,750	16,284	15,903	15,768	15,493	15,495	15,711	15,192	14,953	14,241	13,805	-10.9	—	—	—	—	—	—	—

—Not available.

#Rounds to zero.

<sup>1</sup>Includes imputations for prekindergarten enrollment in California and Oregon.

NOTE: DoD = Department of Defense. Detail may not sum to totals because of rounding. Some data have been revised from previously published figures.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Common Core of Data (CCD), "State Nonfiscal Survey of Public Elementary/Secondary Education," 1990–91 through 2015–16; and State Public Elementary and Secondary Enrollment Projection Model, 1980 through 2027. (This table was prepared January 2018.)

**Table 203.25. Public school enrollment in prekindergarten through grade 8, by region, state, and jurisdiction: Selected years, fall 1990 through fall 2027**

Region, state, and jurisdiction	Actual total enrollment														Percent change in total enrollment, 2010 to 2015	Projected total enrollment						Percent change in total enrollment, 2015 to 2027
	Fall 1990	Fall 2000	Fall 2005	Fall 2006	Fall 2007	Fall 2008	Fall 2009	Fall 2010	Fall 2011	Fall 2012	Fall 2013	Fall 2014	Fall 2015 <sup>1</sup>	Fall 2016		Fall 2017	Fall 2018	Fall 2019	Fall 2020	Fall 2027		
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	
<b>United States</b> .....	<b>29,875,914</b>	<b>33,686,421</b>	<b>34,203,962</b>	<b>34,234,751</b>	<b>34,204,081</b>	<b>34,285,564</b>	<b>34,409,260</b>	<b>34,624,530</b>	<b>34,772,751</b>	<b>35,017,893</b>	<b>35,250,792</b>	<b>35,369,694</b>	<b>35,387,986</b>	<b>2.2</b>	<b>35,503,500</b>	<b>35,551,300</b>	<b>35,605,600</b>	<b>35,682,600</b>	<b>35,716,900</b>	<b>36,667,800</b>	<b>3.6</b>	
<b>Region</b>																						
Northeast .....	5,188,795	5,839,970	5,622,955	5,573,729	5,504,400	5,476,224	5,494,080	5,540,276	5,479,174	5,493,308	5,502,015	5,519,184	5,486,906	-1.0	5,471,800	5,443,300	5,416,900	5,398,700	5,378,500	5,325,700	-2.9	
Midwest .....	7,129,501	7,523,246	7,425,308	7,404,578	7,359,028	7,373,391	7,361,959	7,349,334	7,358,792	7,368,484	7,394,141	7,374,598	7,361,263	0.2	7,350,300	7,326,500	7,300,800	7,288,500	7,268,000	7,304,500	-0.8	
South .....	10,858,800	12,314,176	12,881,836	12,989,696	13,085,045	13,166,980	13,300,643	13,434,553	13,578,211	13,711,284	13,830,129	13,917,451	13,951,194	3.8	14,072,100	14,173,700	14,284,300	14,397,800	14,493,200	15,223,500	9.1	
West .....	6,698,818	8,009,029	8,273,863	8,266,748	8,255,608	8,268,969	8,252,578	8,300,367	8,356,574	8,444,817	8,524,507	8,558,461	8,588,623	3.5	8,609,400	8,607,800	8,603,600	8,597,600	8,577,200	8,814,100	2.6	
<b>State</b>																						
Alabama .....	527,097	538,634	529,347	528,664	525,978	528,078	529,394	533,612	527,006	527,434	527,499	523,096	521,607	-2.2	521,300	522,100	523,400	524,900	526,700	537,700	3.1	
Alaska .....	85,297	94,442	91,225	90,167	88,980	89,263	90,824	91,990	92,057	93,069	92,714	92,745	93,789	2.0	95,500	96,800	98,000	99,300	100,200	106,100	13.1	
Arizona .....	479,064	640,564	739,535	759,656	771,056	771,749	760,420	751,992	759,494	767,734	775,280	780,123	775,446	3.1	782,600	788,800	794,900	800,100	803,700	846,900	9.2	
Arkansas .....	313,505	318,023	335,746	336,552	339,920	341,603	344,209	345,808	346,022	347,631	349,709	349,174	349,817	1.2	349,700	349,700	350,100	351,300	353,000	364,500	4.2	
California .....	3,613,734	4,407,035	4,465,615	4,410,105	4,328,968	4,306,258	4,264,022	4,293,968	4,308,447	4,331,807	4,357,989	4,360,241	4,361,930	1.6	4,340,700	4,302,700	4,262,200	4,219,700	4,169,300	4,160,600	-4.6	
Colorado .....	419,910	516,566	549,875	559,041	565,726	580,304	591,378	601,077	610,854	617,510	627,619	634,363	638,203	6.2	642,000	643,800	646,300	649,400	652,200	693,600	8.7	
Connecticut .....	347,396	406,445	399,705	398,063	394,034	392,218	389,964	387,475	383,377	380,709	377,162	374,888	370,877	-4.3	366,400	360,100	354,700	349,700	345,400	330,400	-10.9	
Delaware .....	72,606	80,801	84,639	84,996	85,019	86,811	87,710	90,279	90,624	91,004	93,204	94,696	95,002	5.2	96,100	96,900	97,600	98,100	98,300	99,500	4.8	
District of Columbia ..	61,282	53,692	55,646	52,391	55,836	50,779	51,656	53,548	56,195	58,273	60,379	62,997	64,955	21.3	66,600	69,400	72,100	74,500	76,500	81,400	25.3	
Florida .....	1,369,934	1,759,902	1,873,395	1,866,562	1,855,859	1,849,295	1,850,901	1,858,498	1,876,102	1,892,560	1,913,710	1,933,695	1,952,461	5.1	1,986,300	2,018,000	2,049,400	2,080,700	2,101,900	2,279,600	16.8	
Georgia .....	849,082	1,059,983	1,145,446	1,166,508	1,178,577	1,185,684	1,194,751	1,202,479	1,211,250	1,222,289	1,233,877	1,242,832	1,243,372	3.4	1,250,000	1,256,900	1,263,500	1,269,800	1,274,200	1,311,200	5.5	
Hawaii .....	122,840	132,293	127,472	126,008	125,556	125,910	127,477	127,525	131,005	133,590	135,925	131,307	131,593	3.2	132,700	133,300	133,700	133,900	134,200	137,200	4.3	
Idaho .....	160,091	170,421	182,829	187,005	191,171	193,554	194,728	194,144	198,064	202,203	209,333	205,460	205,857	6.0	206,500	207,200	207,700	207,800	208,300	217,700	5.8	
Illinois .....	1,309,516	1,473,933	1,480,320	1,477,679	1,472,909	1,479,195	1,463,713	1,454,793	1,453,156	1,448,201	1,445,459	1,428,964	1,422,487	-2.2	1,418,100	1,406,300	1,393,400	1,380,300	1,364,900	1,308,300	-8.0	
Indiana .....	675,804	703,261	724,467	730,108	729,550	730,021	730,599	729,414	724,605	725,040	731,035	729,804	725,444	-0.5	723,600	723,100	721,600	722,400	721,900	742,600	2.4	
Iowa .....	344,804	333,750	326,160	326,218	329,504	335,566	341,333	348,112	350,152	355,041	357,953	359,449	361,206	3.8	362,700	363,800	365,600	367,500	368,900	382,800	6.0	
Kansas .....	319,648	323,157	320,513	326,201	326,771	331,079	332,997	342,927	347,129	349,695	355,929	355,305	352,910	2.9	353,200	352,400	351,800	351,500	350,800	354,200	0.4	
Kentucky .....	459,200	471,429	487,429	487,165	469,373	472,204	484,466	480,334	488,456	491,065	485,001	491,766	487,634	1.5	488,700	488,400	488,600	489,200	489,500	507,100	4.0	
Louisiana .....	586,202	546,579	482,082	492,116	499,549	504,213	509,883	512,266	518,802	524,792	523,310	522,009	520,134	1.5	522,400	523,600	523,600	523,500	525,600	539,200	3.7	
Maine .....	155,203	145,701	133,491	132,338	130,742	129,324	128,646	128,929	130,046	127,924	127,071	126,109	125,340	-2.8	124,400	123,400	122,400	121,400	120,700	120,100	-4.2	
Maryland .....	526,744	609,043	588,571	579,065	576,479	576,473	581,785	588,156	594,216	602,802	612,580	620,442	626,505	6.5	633,100	637,700	641,800	645,800	648,400	651,900	4.1	
Massachusetts .....	604,234	702,575	675,398	670,628	666,926	666,538	666,551	666,402	666,314	667,267	668,261	666,910	669,129	0.4	667,200	663,600	660,000	657,900	656,100	654,600	-2.2	
Michigan .....	1,144,878	1,222,482	1,191,397	1,170,558	1,136,823	1,118,569	1,114,611	1,075,584	1,070,873	1,061,930	1,060,065	1,051,722	1,052,418	-2.2	1,040,600	1,029,000	1,017,100	1,008,700	1,000,100	990,200	-5.9	
Minnesota .....	545,556	577,766	557,757	558,445	558,180	560,184	564,661	569,963	575,544	583,363	589,564	594,161	598,675	5.0	605,500	609,000	611,200	614,200	616,000	629,800	5.2	
Mississippi .....	371,641	363,873	358,030	356,382	353,512	351,807	351,652	350,885	352,999	356,364	356,432	352,884	348,569	-0.7	346,300	344,400	342,300	340,700	339,600	328,200	-5.8	
Missouri .....	588,070	644,766	635,142	634,275	631,746	635,411	638,082	642,991	645,376	647,530	649,061	648,864	649,885	1.1	650,800	650,200	649,900	650,100	650,000	664,500	2.2	
Montana .....	111,169	105,226	97,770	97,021	96,354	96,869	97,868	98,491	99,725	100,819	101,991	102,716	103,497	5.1	104,400	105,400	106,300	107,300	107,900	114,100	10.3	
Nebraska .....	198,080	195,486	195,055	195,769	200,095	202,912	206,860	210,292	213,504	215,432	219,122	222,671	224,364	6.7	225,500	226,200	226,800	228,100	229,100	238,900	6.5	
Nevada .....	149,881	250,720	295,989	302,953	307,573	308,328	305,512	307,297	309,360	313,730	319,240	324,518	330,593	7.6	334,500	339,800	345,300	349,800	353,200	372,400	12.7	
New Hampshire .....	126,301	147,121	138,584	136,188	134,359	132,995	132,768	131,576	129,632	128,169	126,933	125,845	124,305	-5.5	122,800	121,300	119,600	118,400	117,100	113,600	-8.6	
New Jersey .....	783,422	967,533	970,592	963,418	954,418	956,765	968,332	981,255	947,576	956,070	956,379	982,202	989,332	0.8	987,500	982,400	976,700	973,400	969,200	955,300	-3.4	
New Mexico .....	208,087	224,879	229,552	230,091	229,718	231,415	235,343	239,345	239,481	240,978	241,528	241,528	238,896	-0.2	238,400	237,200	235,700	234,200	232,600	226,400	-5.2	
New York .....	1,827,418	2,028,906	1,909,028	1,887,284	1,856,315	1,843,080	1,847,003	1,869,150	1,857,574	1,868,561	1,884,845	1,889,428	1,870,048	#	1,873,000	1,871,000	1,870,500	1,869,800	1,866,600	1,842,200	-1.5	
North Carolina .....	783,132	945,470	1,003,118	1,027,067	1,032,324	1,058,926	1,053,801	1,058,409	1,074,063	1,080,090	1,089,594	1,092,368	1,080,536	2.1	1,087,600	1,091,000	1,103,300	1,109,600	1,113,900	1,155,200	6.9	
North Dakota .....	84,943	72,421																				

Table 203.25. Public school enrollment in prekindergarten through grade 8, by region, state, and jurisdiction: Selected years, fall 1990 through fall 2027—Continued

Region, state, and jurisdiction	Actual total enrollment														Percent change in total enrollment, 2010 to 2015	Projected total enrollment						Percent change in total enrollment, 2015 to 2027
	Fall 1990	Fall 2000	Fall 2005	Fall 2006	Fall 2007	Fall 2008	Fall 2009	Fall 2010	Fall 2011	Fall 2012	Fall 2013	Fall 2014	Fall 2015 <sup>1</sup>	Fall 2016		Fall 2017	Fall 2018	Fall 2019	Fall 2020	Fall 2027		
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	
Ohio .....	1,257,580	1,293,646	1,261,331	1,253,193	1,241,322	1,239,494	1,225,346	1,222,808	1,217,226	1,211,299	1,208,500	1,204,872	1,194,990	-2.3	1,190,600	1,185,700	1,182,000	1,182,500	1,181,100	1,185,600	-0.8	
Oklahoma .....	424,899	445,402	456,954	459,944	462,629	467,960	476,962	483,464	490,196	496,144	501,504	503,846	505,311	4.5	509,200	511,700	514,800	520,600	524,400	549,100	8.7	
Oregon .....	340,243	379,264	379,680	380,576	383,598	395,421	404,451	392,601	391,310	409,325	414,405	421,561	427,227	8.8	431,300	435,300	439,400	444,400	448,500	472,600	10.6	
Pennsylvania .....	1,172,164	1,257,824	1,227,625	1,220,074	1,205,351	1,194,327	1,200,446	1,209,766	1,204,850	1,204,732	1,201,169	1,193,762	1,176,868	-2.7	1,171,300	1,163,800	1,156,800	1,153,400	1,149,900	1,158,200	-1.6	
Rhode Island .....	101,797	113,545	103,870	101,996	99,159	97,983	98,184	97,734	97,659	97,809	98,738	99,067	99,143	1.4	98,500	97,700	96,700	96,000	95,300	94,300	-4.8	
South Carolina .....	452,033	493,226	498,030	501,273	504,566	507,602	512,124	515,581	519,389	527,350	533,822	539,800	542,753	5.3	550,400	557,500	564,900	571,900	577,300	601,300	10.8	
South Dakota .....	95,165	87,838	83,530	83,137	83,424	87,477	85,745	87,936	90,529	93,204	94,251	95,739	97,011	10.3	98,100	99,200	100,200	100,900	101,600	107,500	10.8	
Tennessee .....	598,111	668,123	676,576	691,971	681,751	684,549	686,668	701,707	712,749	711,525	709,668	707,067	709,394	1.1	709,100	709,900	711,600	713,700	714,900	753,400	6.2	
Texas .....	2,510,955	2,943,047	3,268,339	3,319,782	3,374,684	3,446,511	3,520,348	3,586,609	3,636,852	3,690,146	3,742,266	3,783,324	3,809,025	6.2	3,860,400	3,903,000	3,945,700	3,991,700	4,037,100	4,340,700	14.0	
Utah .....	324,982	333,104	357,644	371,272	410,258	404,469	413,343	424,979	434,536	444,202	451,332	456,667	463,567	9.1	469,000	472,700	476,100	480,000	483,100	515,300	11.2	
Vermont .....	70,860	70,320	64,662	63,740	63,096	62,994	62,186	67,989	62,146	62,067	61,457	60,973	61,864	-9.0	60,600	59,900	59,300	58,700	58,200	57,000	-7.9	
Virginia .....	728,280	815,748	841,299	841,685	850,444	855,008	864,020	871,446	881,225	889,444	896,573	897,688	896,809	2.9	899,000	899,800	899,400	900,700	901,500	932,200	3.9	
Washington .....	612,597	694,367	699,482	694,858	697,407	704,794	705,387	714,172	718,184	724,560	730,868	740,320	750,222	5.0	763,300	776,000	788,700	802,100	814,300	877,900	17.0	
West Virginia .....	224,097	201,201	197,189	197,573	198,545	199,477	200,313	201,472	202,065	202,371	201,001	199,767	197,310	-2.1	195,900	194,000	192,200	191,100	190,600	191,400	-3.0	
Wisconsin .....	565,457	594,740	583,998	584,600	585,212	589,528	593,436	598,479	602,810	606,754	609,675	606,882	603,904	0.9	603,200	601,200	599,000	598,100	597,600	602,100	-0.3	
Wyoming .....	70,941	60,148	57,195	57,995	59,243	60,635	61,825	62,786	64,057	65,290	66,283	67,335	67,803	8.0	68,500	68,900	69,400	69,700	69,900	73,200	8.0	
<b>Jurisdiction</b>																						
Bureau of Indian Education .....	—	35,746	36,133	—	—	30,612	31,381	31,985	—	—	—	—	—	—	—	—	—	—	—	—	—	
DoD, education activities .....	—	89,996	74,249	71,641	69,225	69,186	—	—	—	—	—	—	61,355	—	—	—	—	—	—	—	—	
Other jurisdictions																						
American Samoa ..	9,390	11,895	11,766	11,763	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Guam .....	19,276	23,698	21,946	—	—	—	—	21,561	21,223	21,166	23,301	21,112	20,765	-3.7	—	—	—	—	—	—	—	
Northern Marianas .	4,918	7,809	8,427	8,504	8,140	7,816	7,743	7,688	7,703	7,396	7,340	—	—	—	—	—	—	—	—	—	—	
Puerto Rico .....	480,356	445,524	399,447	382,647	372,514	355,115	347,638	334,613	318,924	305,048	294,976	284,246	261,667	-21.8	—	—	—	—	—	—	—	
U.S. Virgin Islands .	16,249	13,910	11,728	11,237	10,770	10,567	10,409	10,518	10,576	10,302	10,283	9,724	9,503	-9.7	—	—	—	—	—	—	—	

—Not available.  
#Rounds to zero.

<sup>1</sup>Includes imputations for prekindergarten enrollment in California and Oregon.

NOTE: DoD = Department of Defense. The total ungraded counts of students were prorated to the elementary level (prekindergarten through grade 8) and the secondary level (grades 9 through 12) based on prior reports. Detail may not sum to totals because of rounding. Some data have been revised from previously published figures.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Common Core of Data (CCD), "State Nonfiscal Survey of Public Elementary/Secondary Education," 1990–91 through 2015–16; and State Public Elementary and Secondary Enrollment Projection Model, 1980 through 2027. (This table was prepared January 2018.)

**Table 203.30. Public school enrollment in grades 9 through 12, by region, state, and jurisdiction: Selected years, fall 1990 through fall 2027**

Region, state, and jurisdiction	Actual total enrollment														Percent change in total enrollment, 2010 to 2015	Projected total enrollment						Percent change in total enrollment, 2015 to 2027
	Fall 1990	Fall 2000	Fall 2005	Fall 2006	Fall 2007	Fall 2008	Fall 2009	Fall 2010	Fall 2011	Fall 2012	Fall 2013	Fall 2014	Fall 2015	Fall 2016		Fall 2017	Fall 2018	Fall 2019	Fall 2020	Fall 2027		
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	
<b>United States</b> .....	<b>11,340,769</b>	<b>13,517,118</b>	<b>14,909,336</b>	<b>15,081,091</b>	<b>15,086,478</b>	<b>14,980,008</b>	<b>14,951,722</b>	<b>14,859,651</b>	<b>14,748,918</b>	<b>14,753,225</b>	<b>14,793,730</b>	<b>14,942,887</b>	<b>15,050,057</b>	<b>1.3</b>	<b>15,076,000</b>	<b>15,097,400</b>	<b>15,095,200</b>	<b>15,120,000</b>	<b>15,254,200</b>	<b>15,391,300</b>	<b>2.3</b>	
<b>Region</b>																						
Northeast .....	2,092,968	2,382,157	2,617,205	2,684,160	2,617,622	2,576,761	2,597,949	2,531,059	2,474,807	2,465,820	2,459,228	2,460,672	2,446,856	-3.3	2,421,900	2,404,700	2,388,500	2,373,700	2,373,000	2,302,000	-5.9	
Midwest .....	2,814,260	3,206,741	3,393,507	3,414,670	3,411,182	3,369,582	3,310,212	3,260,270	3,215,000	3,190,746	3,178,779	3,185,941	3,194,316	-2.0	3,183,300	3,175,300	3,163,300	3,177,700	3,100,400	3,100,400	-2.9	
South .....	3,948,216	4,693,085	5,221,330	5,303,937	5,337,728	5,323,790	5,351,246	5,370,447	5,377,721	5,417,092	5,468,585	5,588,742	5,690,278	6.0	5,745,300	5,774,300	5,780,900	5,801,100	5,869,300	6,202,800	9.0	
West .....	2,485,325	3,235,135	3,677,294	3,678,324	3,719,946	3,709,875	3,692,315	3,697,875	3,681,390	3,679,567	3,687,138	3,707,532	3,718,607	0.6	3,725,600	3,743,000	3,754,200	3,781,900	3,834,200	3,786,200	1.8	
<b>State</b>																						
Alabama .....	194,709	201,358	212,414	214,968	216,941	217,590	219,495	221,940	217,615	217,203	218,705	221,068	222,182	0.1	218,500	212,800	208,500	206,200	205,300	209,000	-5.9	
Alaska .....	28,606	38,914	42,063	42,441	42,049	41,399	40,837	40,114	39,110	38,420	38,230	38,431	38,688	-3.6	38,700	38,600	38,400	38,500	39,200	43,600	12.7	
Arizona .....	160,807	237,132	354,919	308,593	316,391	316,068	317,411	319,759	320,825	321,650	327,165	331,572	333,594	4.3	333,700	332,900	332,600	335,300	341,000	356,600	6.9	
Arkansas .....	122,781	131,936	138,460	139,857	139,096	137,362	136,350	136,306	137,092	138,526	140,270	141,743	142,315	4.4	143,100	142,500	141,600	140,600	139,500	142,400	#	
California .....	1,336,740	1,733,779	1,971,587	1,996,645	2,014,503	2,016,270	1,999,416	1,995,610	1,979,387	1,967,644	1,954,634	1,951,920	1,943,417	-2.6	1,938,700	1,944,100	1,943,000	1,953,600	1,976,900	1,818,300	-6.4	
Colorado .....	154,303	207,942	229,951	234,985	236,141	238,139	240,990	242,239	243,411	246,051	249,380	254,643	260,909	7.7	266,000	271,900	275,700	278,800	282,500	289,200	10.9	
Connecticut .....	121,727	155,734	175,354	177,037	176,592	174,980	174,004	173,071	171,060	170,245	169,038	167,790	167,056	-3.5	164,500	163,200	161,100	159,600	158,100	141,700	-15.2	
Delaware .....	27,052	33,875	36,298	37,258	37,555	38,619	39,091	39,124	38,322	38,022	38,483	39,346	39,845	1.8	40,300	40,800	40,800	41,500	42,400	44,600	11.8	
District of Columbia ..	19,412	15,233	21,230	20,459	22,586	17,902	17,777	17,736	17,716	17,867	17,774	17,961	19,069	7.5	17,800	17,800	17,900	18,400	19,300	26,200	37.3	
Florida .....	491,658	674,919	801,629	804,951	810,952	781,725	783,621	784,849	792,054	799,602	807,034	823,249	839,773	7.0	850,300	855,400	860,800	867,500	892,100	987,100	17.5	
Georgia .....	302,605	384,954	453,015	462,649	471,012	470,108	472,934	474,588	473,766	481,043	490,032	501,605	513,865	8.3	520,800	521,800	521,400	522,300	527,600	546,600	6.4	
Hawaii .....	48,868	52,067	55,346	54,720	54,341	53,568	52,719	52,076	51,701	51,170	50,900	51,077	50,402	-3.2	50,400	50,800	51,100	52,200	52,800	54,000	7.2	
Idaho .....	60,749	74,696	79,153	80,375	80,948	81,497	81,571	81,715	81,809	82,631	87,143	85,425	86,420	5.8	87,400	87,900	88,700	89,700	90,500	91,100	5.5	
Illinois .....	511,891	574,859	631,386	640,597	639,896	640,512	640,462	636,861	629,941	624,679	621,531	621,275	619,292	-2.8	618,800	621,300	624,100	629,000	634,500	591,200	-4.5	
Indiana .....	278,721	286,006	310,607	315,832	317,214	316,126	316,062	317,818	316,160	316,329	316,350	316,465	321,313	1.1	322,200	318,700	316,900	311,800	312,200	308,700	-3.9	
Iowa .....	138,848	161,330	157,322	156,904	155,611	151,993	150,509	147,663	145,718	144,784	145,011	145,862	146,808	-0.6	147,600	148,500	148,800	149,900	151,900	155,500	5.9	
Kansas .....	117,386	147,453	147,012	143,305	141,524	139,981	141,492	140,774	138,979	139,348	140,511	141,970	142,974	1.6	142,900	143,100	142,900	142,700	143,700	142,300	-0.5	
Kentucky .....	177,201	194,421	192,449	195,987	196,852	197,826	195,623	192,794	193,531	194,102	192,388	196,874	198,964	3.2	198,900	198,700	198,000	197,500	199,300	199,400	0.2	
Louisiana .....	198,555	196,510	172,444	183,735	181,489	180,660	181,032	184,292	184,588	186,111	188,181	194,791	198,577	7.8	200,600	200,600	200,400	201,400	200,900	203,800	2.6	
Maine .....	59,946	61,336	62,007	61,648	65,503	63,611	60,579	60,148	58,923	57,815	56,924	56,361	56,273	-6.4	55,400	54,700	54,300	54,100	54,000	50,600	-10.0	
Maryland .....	188,432	243,877	271,449	272,575	269,221	267,388	266,627	264,055	259,870	256,836	253,589	254,072	253,096	-4.2	255,000	257,800	259,400	263,200	266,700	282,000	11.4	
Massachusetts .....	230,080	272,575	296,511	298,033	296,032	292,372	290,502	289,161	287,055	287,506	287,478	288,934	294,897	2.0	296,300	297,300	297,900	296,800	296,300	287,000	-2.7	
Michigan .....	439,553	498,144	550,885	552,098	555,916	541,352	534,471	511,483	502,664	493,440	488,776	486,200	483,813	-5.4	479,500	473,500	468,900	461,500	458,400	420,400	-13.1	
Minnesota .....	210,818	276,574	281,486	282,120	279,398	275,864	272,392	268,074	264,194	262,041	261,409	263,074	265,709	-0.9	268,400	271,100	275,000	277,900	283,200	292,900	10.2	
Mississippi .....	130,776	133,998	136,924	138,644	140,610	140,155	140,829	139,641	137,620	137,286	136,154	138,033	138,631	-0.7	137,800	135,900	133,500	131,800	130,200	127,000	-8.4	
Missouri .....	228,488	267,978	282,563	286,078	285,442	282,460	279,900	275,719	271,208	270,370	269,227	268,921	269,349	-2.3	268,000	267,100	266,200	266,200	267,700	266,000	-1.2	
Montana .....	41,805	49,649	47,646	47,397	46,469	45,030	43,939	43,202	42,624	42,089	42,138	41,816	41,822	-3.2	42,100	42,400	43,000	43,400	44,200	46,700	11.6	
Nebraska .....	76,001	90,713	91,591	91,811	91,149	89,678	88,508	88,208	87,792	88,073	88,555	89,964	91,650	3.9	93,200	94,900	96,000	97,100	98,200	100,200	9.4	
Nevada .....	51,435	89,986	116,406	121,813	121,789	125,043	123,435	129,852	130,274	131,977	132,591	134,671	136,934	5.5	139,200	140,800	142,200	144,200	147,100	162,300	18.5	
New Hampshire .....	46,484	61,340	67,183	67,384	66,789	64,939	63,135	62,268	60,805	59,377	58,825	58,120	-7.9	57,300	56,600	56,100	55,400	54,800	50,100	-13.8		
New Jersey .....	306,224	345,872	425,010	425,432	427,930	424,655	427,697	421,293	408,855	416,133	413,916	418,377	419,513	-0.4	415,300	412,700	412,500	411,100	412,300	399,700	-4.7	
New Mexico .....	93,794	95,427	97,206	98,129	99,322	98,830	99,076	98,777	97,744	97,242	97,716	99,260	96,798	-2.0	95,300	93,700	92,900	93,100	93,400	90,400	-6.7	
New York .....	770,919	853,282	906,553	922,365	909,120	897,512	919,049	865,805	847,144	842,142	847,925	851,757	841,578	-2.8	834,500	829,100	820,400	817,300	819,900	819,500	-2.6	
North Carolina .....	303,739	348,168	413,318	417,414	417,168	429,719	429,596	432,196	433,801	438,375	441,263	456,527	464,398	7.5	468,600	471,000	461,900	460,000	463,300	485,400	4.5	
North Dakota .....	32,882	36,780	32,645	32,275	31,567	30,773	30,497	30,288	29,758	30,116	30,420	30,421	30,675	1.3	30,100	30,700	31,700	32,500	33,800	40,100	30.6	

See notes at end of table.

**Table 203.30. Public school enrollment in grades 9 through 12, by region, state, and jurisdiction: Selected years, fall 1990 through fall 2027—Continued**

Region, state, and jurisdiction	Actual total enrollment														Percent change in total enrollment, 2010 to 2015	Projected total enrollment						Percent change in total enrollment, 2015 to 2027
	Fall 1990	Fall 2000	Fall 2005	Fall 2006	Fall 2007	Fall 2008	Fall 2009	Fall 2010	Fall 2011	Fall 2012	Fall 2013	Fall 2014	Fall 2015	Fall 2016		Fall 2017	Fall 2018	Fall 2019	Fall 2020	Fall 2027		
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	
Ohio .....	513,509	541,403	578,352	583,529	585,862	577,669	538,951	531,383	522,804	518,617	515,611	519,938	521,595	-1.8	512,900	507,600	502,300	495,800	494,000	485,300	-7.0	
Oklahoma .....	154,188	177,708	177,785	179,447	179,436	177,148	177,840	176,447	175,924	177,339	180,344	184,665	187,567	6.3	189,300	190,900	192,000	190,900	192,500	204,600	9.1	
Oregon .....	132,151	166,967	172,514	181,998	181,988	179,972	178,388	178,119	176,898	178,239	178,595	179,757	181,598	2.0	181,100	181,100	181,900	182,400	185,100	197,200	8.6	
Pennsylvania .....	495,670	556,487	603,059	650,986	596,620	580,702	585,547	583,518	566,545	558,945	554,067	549,398	540,546	-7.4	530,300	522,400	517,000	510,300	508,700	488,900	-9.6	
Rhode Island .....	37,016	43,802	49,552	49,616	48,470	47,359	46,934	46,059	45,195	44,672	43,270	42,892	42,871	-6.9	42,800	43,700	44,500	44,500	44,500	41,800	-2.5	
South Carolina .....	170,079	184,185	203,514	206,748	207,751	210,511	211,019	210,257	207,797	208,648	211,835	216,723	220,780	5.0	222,400	222,900	222,900	223,600	227,200	249,500	13.0	
South Dakota .....	33,999	40,765	38,482	38,021	38,182	38,952	37,968	38,192	37,487	37,267	36,639	37,301	37,242	-2.5	37,400	37,500	38,000	39,100	40,000	42,600	14.3	
Tennessee .....	226,484	241,038	277,352	286,397	282,508	287,401	285,881	285,715	286,944	281,971	283,888	288,408	291,841	2.1	291,400	290,000	288,100	287,800	290,400	290,300	-0.5	
Texas .....	871,932	1,116,572	1,257,055	1,279,727	1,300,148	1,305,637	1,329,862	1,349,106	1,363,618	1,387,513	1,411,436	1,450,441	1,492,452	10.6	1,522,200	1,547,200	1,566,200	1,581,300	1,604,400	1,739,300	16.5	
Utah .....	121,670	148,381	150,786	152,114	165,986	155,309	158,243	160,573	164,296	169,077	174,129	178,910	184,303	14.8	188,600	192,700	196,700	200,000	204,000	214,000	16.1	
Vermont .....	24,902	31,729	31,976	31,659	30,942	30,631	29,265	28,869	27,762	27,557	27,233	26,338	26,002	-9.9	25,600	25,000	24,700	24,700	24,500	22,800	-12.5	
Virginia .....	270,321	329,167	372,317	378,755	380,413	380,787	381,320	379,994	376,658	375,975	377,252	382,693	386,781	1.8	388,700	389,400	389,400	389,800	392,200	393,700	1.8	
Washington .....	227,112	310,403	332,503	331,916	332,840	332,224	329,960	329,616	327,269	327,134	328,068	333,318	336,808	2.2	337,500	338,800	340,300	342,400	348,400	392,900	16.6	
West Virginia .....	98,292	85,166	83,677	84,366	83,990	83,252	82,349	81,407	80,805	80,673	79,957	80,543	80,142	-1.6	79,700	78,900	78,100	77,300	76,200	72,000	-10.2	
Wisconsin .....	232,164	284,736	291,176	292,100	289,421	284,222	279,000	273,807	268,295	265,682	264,739	264,550	263,896	-3.6	262,300	261,300	260,400	259,900	260,300	255,200	-3.3	
Wyoming .....	27,285	29,792	27,214	27,198	27,179	26,526	26,330	26,223	26,042	26,243	26,449	26,732	26,914	2.6	27,000	27,300	27,700	28,300	29,000	30,000	11.3	
<b>Jurisdiction</b>																						
Bureau of Indian Education .....	—	11,192	14,805	—	—	10,315	9,970	9,977	—	—	—	—	—	—	—	—	—	—	—	—	—	
DoD, education activities .....	—	17,759	16,623	15,881	15,570	15,595	—	—	—	—	—	—	13,615	—	—	—	—	—	—	—	—	
Other jurisdictions																						
American Samoa ..	3,073	3,807	4,672	4,637	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Guam .....	7,115	8,775	9,040	—	—	—	—	10,057	10,020	10,020	10,113	10,032	10,056	—	—	—	—	—	—	—	—	
Northern Marianas ..	1,531	2,195	3,291	3,191	3,159	3,097	3,218	3,417	3,308	3,250	3,298	—	—	—	—	—	—	—	—	—	—	
Puerto Rico .....	164,378	167,201	164,043	161,491	154,051	148,520	145,755	139,122	133,816	129,561	128,958	126,704	118,151	-15.1	—	—	—	—	—	—	—	
U.S. Virgin Islands ..	5,501	5,549	5,022	5,047	5,133	5,201	5,084	4,977	5,135	4,890	4,670	4,517	4,302	-13.6	—	—	—	—	—	—	—	

—Not available.

#Rounds to zero.

NOTE: DoD = Department of Defense. The total ungraded counts of students were prorated to the elementary level (prekindergarten through grade 8) and the secondary level (grades 9 through 12) based on prior reports. In addition to students in grades 9 through 12 and ungraded secondary students, this table includes a small number of students reported as

being enrolled in grade 13. Detail may not sum to totals because of rounding. Some data have been revised from previously published figures.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Common Core of Data (CCD), "State Nonfiscal Survey of Public Elementary/Secondary Education," 1990–91 through 2015–16; and State Public Elementary and Secondary Enrollment Projection Model, 1980 through 2027. (This table was prepared January 2018.)

**Table 203.40. Enrollment in public elementary and secondary schools, by level, grade, and state or jurisdiction: Fall 2015**

State or jurisdiction	Elementary													Secondary					
	Total, all grades	Total	Prekindergarten	Kinder-garten	Grade 1	Grade 2	Grade 3	Grade 4	Grade 5	Grade 6	Grade 7	Grade 8	Elementary ungraded	Total	Grade 9	Grade 10	Grade 11	Grade 12	Secondary ungraded <sup>2</sup>
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
<b>United States</b>	<b>50,438,043</b>	<b>35,387,986</b>	<b>1,401,645</b>	<b>3,713,104</b>	<b>3,768,136</b>	<b>3,842,454</b>	<b>3,868,950</b>	<b>3,792,735</b>	<b>3,732,882</b>	<b>3,731,334</b>	<b>3,731,547</b>	<b>3,718,562</b>	<b>86,637</b>	<b>15,050,057</b>	<b>4,019,481</b>	<b>3,846,035</b>	<b>3,597,832</b>	<b>3,537,232</b>	<b>49,477</b>
Alabama	743,789	521,607	13,230	55,613	59,023	58,766	57,963	55,808	55,340	54,900	55,172	55,792	0	222,182	60,507	57,689	53,318	50,668	0
Alaska	132,477	93,789	3,369	10,409	10,587	10,512	10,441	10,118	9,793	9,648	9,512	9,400	0	38,688	9,869	9,632	9,536	9,651	0
Arizona	1,109,040	775,446	8,747	79,396	84,804	87,325	88,194	86,594	85,719	85,202	85,222	84,084	159	333,594	85,281	83,730	79,714	84,854	15
Arkansas	492,132	349,817	16,083	37,509	38,160	38,590	38,410	35,893	35,850	36,020	36,245	36,882	175	142,315	38,044	36,951	34,862	32,385	73
California	6,305,347	4,361,930	78,610 <sup>1</sup>	530,531	444,573	463,881	470,157	485,885	476,427	471,467	470,753	465,322	4,324	1,943,417	487,202	488,004	472,968	492,835	2,408
Colorado	899,112	638,203	32,224	64,631	67,497	68,811	69,091	68,176	67,230	67,115	67,471	65,957	0	260,909	67,759	65,603	62,230	65,317	0
Connecticut	537,933	370,877	18,385	36,641	37,799	38,475	39,575	39,077	39,678	39,931	40,996	40,320	0	167,056	43,819	41,962	40,954	40,321	0
Delaware	134,847	95,002	1,553	10,040	10,544	10,793	10,532	10,533	10,352	10,251	10,314	10,090	0	39,845	11,387	10,536	9,140	8,782	0
District of Columbia	84,024	64,955	12,316	7,319	7,056	6,789	6,464	5,701	5,250	4,703	4,603	4,430	324	19,069	6,522	4,417	4,078	3,867	185
Florida	2,792,234	1,952,461	60,122	199,514	211,687	217,768	224,595	215,435	206,157	206,055	204,343	206,785	0	839,773	224,319	217,636	204,941	192,877	0
Georgia	1,757,237	1,243,372	46,685	128,788	134,520	137,584	137,678	134,343	131,777	130,543	129,945	131,509	0	513,865	151,978	135,373	117,169	109,345	0
Hawaii	181,995	131,593	1,586	14,860	11,908	15,865	15,747	15,196	15,041	14,257	13,781	13,129	223	50,402	14,016	13,537	11,925	10,741	183
Idaho	292,277	205,857	2,549	20,988	22,386	23,183	23,393	22,812	23,056	22,696	22,444	22,350	0	86,420	23,143	21,948	21,156	20,087	86
Illinois	2,041,779	1,422,487	87,589	135,924	144,616	149,112	153,015	149,373	149,167	152,526	150,968	150,193	4	619,292	163,669	159,268	148,362	147,993	0
Indiana	1,046,757	725,444	18,529	77,044	78,646	79,586	80,675	77,751	76,908	78,657	77,468	79,198	982	321,313	85,115	80,996	80,250	74,952	0
Iowa	508,014	361,206	28,971	39,218	36,359	37,574	37,526	37,030	36,297	35,935	36,331	35,965	0	146,808	37,111	37,233	36,077	36,387	0
Kansas	495,884	352,910	18,773	36,975	37,096	37,629	37,740	36,928	36,240	36,086	36,127	35,694	3,622	142,974	37,356	36,133	34,459	33,667	1,359
Kentucky	686,598	487,634	27,144	49,463	53,450	52,609	52,853	51,339	50,218	50,182	50,251	49,774	351	198,964	54,523	51,701	47,937	44,659	144
Louisiana	718,711	520,134	28,444	53,716	57,820	57,548	57,021	54,294	53,105	53,482	52,224	52,480	0	198,577	59,938	51,734	45,115	41,790	0
Maine	181,613	125,340	5,396	12,835	13,057	13,175	13,500	13,311	13,553	13,517	13,452	13,544	0	56,273	14,168	14,072	14,005	14,028	0
Maryland	879,601	626,505	31,034	64,930	67,511	69,319	68,779	66,910	65,339	64,639	64,267	63,777	0	253,096	69,678	65,732	59,193	58,493	0
Massachusetts	964,026	669,129	29,297	66,142	69,781	71,771	72,032	70,892	70,766	71,709	72,110	72,176	2,453	294,897	77,525	74,199	72,176	70,997	0
Michigan	1,536,231	1,052,418	48,961	113,090	106,601	107,793	111,558	111,267	110,266	113,735	113,362	113,640	2,685	483,813	127,117	125,824	114,899	114,700	1,273
Minnesota	864,384	598,675	15,443	63,591	64,685	66,206	66,596	65,362	64,272	65,105	64,340	63,075	0	265,709	66,150	65,546	64,572	69,441	0
Mississippi	487,200	348,569	4,867	37,573	40,236	40,341	40,845	36,092	36,150	36,109	35,796	35,922	4,638	138,631	37,823	36,202	31,789	29,561	3,256
Missouri	919,234	649,885	33,360	67,126	68,894	70,334	70,544	69,134	68,220	67,681	67,466	67,126	0	269,349	70,583	68,675	65,616	64,475	0
Montana	145,319	103,497	1,158	11,502	11,526	11,833	11,583	11,659	11,120	11,175	10,974	10,967	0	41,822	11,144	10,622	10,300	9,756	0
Nebraska	316,014	224,364	15,665	23,374	23,835	23,914	22,229	23,366	23,028	23,294	23,003	22,656	0	91,650	22,901	23,059	22,141	23,549	0
Nevada	467,527	330,593	5,554	34,495	36,054	37,483	37,745	36,474	35,630	35,184	35,360	35,802	812	136,934	35,715	35,031	34,038	32,122	28
New Hampshire	182,425	124,305	3,743	11,192	12,947	13,195	13,470	13,639	13,633	14,064	14,103	14,319	0	58,120	15,341	14,770	14,049	13,947	13
New Jersey	1,408,845	989,332	63,284	91,870	97,311	99,079	100,429	98,565	97,570	99,398	99,545	98,128	44,153	419,513	104,051	101,343	99,212	97,602	17,305
New Mexico	335,694	238,896	8,509	24,696	26,487	26,702	26,449	25,681	25,532	24,986	24,897	24,957	0	96,798	27,768	25,313	22,611	21,106	1
New York	2,711,626	1,870,048	50,430	198,024	203,164	204,628	203,473	199,866	196,821	196,373	198,693	197,997	20,579	841,578	221,967	215,680	193,193	189,562	21,176
North Carolina	1,544,934	1,080,536	18,565	116,324	121,718	122,451	121,971	118,617	116,032	109,215	117,741	117,902	0	464,398	133,777	120,659	109,180	99,258	1,524
North Dakota	108,644	77,969	2,213	8,929	9,056	8,873	8,669	8,435	7,993	8,104	7,962	7,735	0	30,675	7,994	7,689	7,533	7,459	0
Ohio	1,716,585	1,194,990	33,118	124,097	128,660	130,308	132,853	127,995	125,870	129,497	130,900	131,692	0	521,595	144,674	136,058	120,911	119,952	0
Oklahoma	692,878	505,311	41,660	53,462	55,782	53,560	54,005	50,354	47,601	49,466	49,410	48,858	1,153	187,567	51,018	48,890	45,122	42,088	449
Oregon	608,825	427,227	32,418 <sup>1</sup>	41,625	43,791	45,461	45,603	44,558	43,427	43,782	43,495	43,067	0	181,598	44,663	44,521	43,679	48,735	0
Pennsylvania	1,717,414	1,176,868	8,201	120,874	127,764	131,450	132,179	130,671	129,637	132,022	132,565	131,505	0	540,546	141,412	137,812	131,401	129,921	0
Rhode Island	142,014	99,143	2,450	9,897	10,483	10,799	11,013	10,900	10,792	11,005	10,859	10,945	0	42,871	11,677	10,595	9,847	10,752	0
South Carolina	763,533	542,753	24,654	55,389	60,275	59,994	60,325	57,740	56,268	55,958	56,000	56,150	0	220,780	65,293	57,691	50,887	46,909	0
South Dakota	134,253	97,011	3,112	11,552	10,582	10,809	10,811	10,460	10,362	10,024	9,750	9,549	0	37,242	10,088	9,625	8,913	8,616	0
Tennessee	1,001,235	709,394	30,352	74,240	75,126	77,501	78,550	76,904	75,058	73,959	73,805	73,989	0	291,841	77,989	75,317	69,950	68,585	0
Texas	5,301,477	3,809,025	243,496	376,824	410,000	411,307	409,407	397,085	394,152	390,566	389,561	386,627	0	1,492,452	429,386	386,870	352,488	323,708	0
Utah	647,870	463,567	13,838	48,293	50,322	51,884	52,149	50,918	49,546	49,581	49,132	47,904	0	184,303	47,672	47,215	45,588	43,828	0
Vermont	87,866	61,864	7,279	5,863	5,776	6,198	6,206	5,975	6,191	6,088	6,115	6,173	0	26,002	6,650	6,503	6,578	6,271	0
Virginia	1,283,590	896,809	33,453	90,942	96,422	98,697	99,241	96,851	95,387	96,016	94,579	95,221	0	386,781	104,133	99,977	92,280	90,391	0
Washington	1,087,030	750,222	13,733	79,692	83,762	85,395	85,010	82,404	80,643	80,274	79,826	79,483	0	336,808	83,094	82,905	81,551	89,258	0

**Table 203.40. Enrollment in public elementary and secondary schools, by level, grade, and state or jurisdiction: Fall 2015—Continued**

State or jurisdiction	Total, all grades	Elementary												Secondary					
		Total	Prekindergarten	Kindergarten	Grade 1	Grade 2	Grade 3	Grade 4	Grade 5	Grade 6	Grade 7	Grade 8	Elementary ungraded	Total	Grade 9	Grade 10	Grade 11	Grade 12	Secondary ungraded <sup>2</sup>
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
Bureau of Indian Education .....	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
DoD, education activities .....	74,970	61,355	3,991	7,470	7,340	7,366	7,109	6,645	6,004	5,517	5,074	4,839	0	13,615	3,911	3,614	3,166	2,924	—
Other jurisdictions	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
American Samoa .....	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Guam .....	30,821	20,765	514	2,055	2,272	2,378	2,350	2,261	2,260	2,252	2,185	2,238	0	10,056	3,312	2,707	2,368	1,669	0
Northern Marianas .....	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Puerto Rico .....	379,818	261,667	2,728	23,228	29,289	27,418	27,882	27,753	28,851	27,682	28,397	29,884	8,555	118,151	28,654	29,375	28,818	26,700	4,604
U.S. Virgin Islands .....	13,805	9,503	—	963	1,041	1,106	1,028	1,100	1,068	1,064	1,098	1,035	0	4,302	1,464	990	934	914	0

—Not available.

<sup>1</sup>Estimated by the National Center for Education Statistics based on reports for prior years.

<sup>2</sup>Includes students reported as being enrolled in grade 13.

NOTE: DoD = Department of Defense. The total ungraded counts of students were prorated to the elementary and secondary levels based on prior state reports of the percentage of elementary and of secondary ungraded students.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Common Core of Data (CCD), "State Nonfiscal Survey of Public Elementary/Secondary Education," 2015–16. (This table was prepared July 2017.)

**Table 203.50. Enrollment and percentage distribution of enrollment in public elementary and secondary schools, by race/ethnicity and region: Selected years, fall 1995 through fall 2027**

Region and year	Enrollment (in thousands)							Percentage distribution						
	Total	White	Black	Hispanic	Asian/ Pacific Islander	American Indian/ Alaska Native	Two or more races	Total	White	Black	Hispanic	Asian/ Pacific Islander	American Indian/ Alaska Native	Two or more races
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
<b>United States</b>														
1995	44,840	29,044	7,551	6,072	1,668	505	—	100.0	64.8	16.8	13.5	3.7	1.1	†
2000	47,204	28,878	8,100	7,726	1,950	550	—	100.0	61.2	17.2	16.4	4.1	1.2	†
2001	47,672	28,735	8,177	8,169	2,028	564	—	100.0	60.3	17.2	17.1	4.3	1.2	†
2002	48,183	28,618	8,299	8,594	2,088	583	—	100.0	59.4	17.2	17.8	4.3	1.2	†
2003	48,540	28,442	8,349	9,011	2,145	593	—	100.0	58.6	17.2	18.6	4.4	1.2	†
2004	48,795	28,318	8,386	9,317	2,183	591	—	100.0	58.0	17.2	19.1	4.5	1.2	†
2005	49,113	28,005	8,445	9,787	2,279	598	—	100.0	57.0	17.2	19.9	4.6	1.2	†
2006	49,316	27,801	8,422	10,166	2,332	595	—	100.0	56.4	17.1	20.6	4.7	1.2	†
2007	49,291	27,454	8,392	10,454	2,396	594	—	100.0	55.7	17.0	21.2	4.9	1.2	†
2008	49,266	27,057	8,358	10,563	2,451	589	247 <sup>1</sup>	100.0	54.9	17.0	21.4	5.0	1.2	0.5 <sup>1</sup>
2009	49,361	26,702	8,245	10,991	2,484	601	338 <sup>1</sup>	100.0	54.1	16.7	22.3	5.0	1.2	0.7 <sup>1</sup>
2010	49,484	25,933	7,917	11,439	2,466	566	1,164	100.0	52.4	16.0	23.1	5.0	1.1	2.4
2011	49,522	25,602	7,827	11,759	2,513	547	1,272	100.0	51.7	15.8	23.7	5.1	1.1	2.6
2012	49,771	25,386	7,803	12,104	2,552	534	1,393	100.0	51.0	15.7	24.3	5.1	1.1	2.8
2013	50,045	25,160	7,805	12,452	2,593	523	1,511	100.0	50.3	15.6	24.9	5.2	1.0	3.0
2014	50,313	24,923	7,807	12,805	2,646	519	1,612	100.0	49.5	15.5	25.4	5.3	1.0	3.2
2015 <sup>2</sup>	50,438	24,644	7,784	13,080	2,697	510	1,723	100.0	48.9	15.4	25.9	5.3	1.0	3.4
2016 <sup>3</sup>	50,580	24,555	7,817	13,463	2,753	508	1,484	100.0	48.5	15.5	26.6	5.4	1.0	2.9
2017 <sup>3</sup>	50,649	24,311	7,799	13,722	2,794	503	1,519	100.0	48.0	15.4	27.1	5.5	1.0	3.0
2018 <sup>3</sup>	50,701	24,091	7,777	13,957	2,824	499	1,553	100.0	47.5	15.3	27.5	5.6	1.0	3.1
2019 <sup>3</sup>	50,803	23,951	7,753	14,142	2,872	492	1,593	100.0	47.1	15.3	27.8	5.7	1.0	3.1
2020 <sup>3</sup>	50,971	23,834	7,755	14,337	2,918	485	1,642	100.0	46.8	15.2	28.1	5.7	1.0	3.2
2021 <sup>3</sup>	51,146	23,721	7,777	14,520	2,960	479	1,690	100.0	46.4	15.2	28.4	5.8	0.9	3.3
2022 <sup>3</sup>	51,317	23,617	7,805	14,684	3,002	473	1,736	100.0	46.0	15.2	28.6	5.8	0.9	3.4
2023 <sup>3</sup>	51,488	23,536	7,831	14,820	3,049	469	1,783	100.0	45.7	15.2	28.8	5.9	0.9	3.5
2024 <sup>3</sup>	51,619	23,459	7,847	14,920	3,101	465	1,827	100.0	45.4	15.2	28.9	6.0	0.9	3.5
2025 <sup>3</sup>	51,712	23,369	7,854	15,003	3,154	462	1,870	100.0	45.2	15.2	29.0	6.1	0.9	3.6
2026 <sup>3</sup>	51,833	23,301	7,864	15,088	3,208	459	1,914	100.0	45.0	15.2	29.1	6.2	0.9	3.7
2027 <sup>3</sup>	52,059	23,274	7,888	15,209	3,271	457	1,960	100.0	44.7	15.2	29.2	6.3	0.9	3.8
<b>Northeast</b>														
1995	7,894	5,497	1,202	878	295	21	—	100.0	69.6	15.2	11.1	3.7	0.3	†
2000	8,222	5,545	1,270	1,023	361	24	—	100.0	67.4	15.4	12.4	4.4	0.3	†
2005	8,240	5,317	1,282	1,189	425	27	—	100.0	64.5	15.6	14.4	5.2	0.3	†
2010	8,071	4,876	1,208	1,364	500	27	96	100.0	60.4	15.0	16.9	6.2	0.3	1.2
2011	7,954	4,745	1,166	1,394	510	27	113	100.0	59.7	14.7	17.5	6.4	0.3	1.4
2012	7,959	4,665	1,161	1,444	523	27	138	100.0	58.6	14.6	18.1	6.6	0.3	1.7
2013	7,961	4,593	1,158	1,492	533	28	158	100.0	57.7	14.5	18.7	6.7	0.3	2.0
2014	7,980	4,507	1,155	1,566	545	28	179	100.0	56.5	14.5	19.6	6.8	0.4	2.2
2015	7,934	4,409	1,136	1,610	554	29	197	100.0	55.6	14.3	20.3	7.0	0.4	2.5
<b>Midwest</b>														
1995	10,512	8,335	1,450	438	197	92	—	100.0	79.3	13.8	4.2	1.9	0.9	†
2000	10,730	8,208	1,581	610	239	92	—	100.0	76.5	14.7	5.7	2.2	0.9	†
2005	10,819	7,950	1,654	836	283	96	—	100.0	73.5	15.3	7.7	2.6	0.9	†
2010	10,610	7,327	1,505	1,077	312	94	294	100.0	69.1	14.2	10.2	2.9	0.9	2.8
2011	10,574	7,240	1,485	1,127	321	90	311	100.0	68.5	14.0	10.7	3.0	0.9	2.9
2012	10,559	7,175	1,464	1,167	330	89	334	100.0	68.0	13.9	11.1	3.1	0.8	3.2
2013	10,573	7,111	1,464	1,212	341	87	358	100.0	67.3	13.8	11.5	3.2	0.8	3.4
2014	10,561	7,037	1,459	1,249	349	86	380	100.0	66.6	13.8	11.8	3.3	0.8	3.6
2015	10,556	6,968	1,458	1,284	360	84	400	100.0	66.0	13.8	12.2	3.4	0.8	3.8
<b>South</b>														
1995	16,118	9,565	4,236	1,890	280	148	—	100.0	59.3	26.3	11.7	1.7	0.9	†
2000	17,007	9,501	4,516	2,468	352	170	—	100.0	55.9	26.6	14.5	2.1	1.0	†
2005	18,103	9,381	4,738	3,334	456	194	—	100.0	51.8	26.2	18.4	2.5	1.1	†
2010	18,805	8,869	4,545	4,206	555	207	424	100.0	47.2	24.2	22.4	3.0	1.1	2.3
2011	18,956	8,830	4,535	4,353	577	198	463	100.0	46.6	23.9	23.0	3.0	1.0	2.4
2012	19,128	8,780	4,545	4,513	595	191	504	100.0	45.9	23.8	23.6	3.1	1.0	2.6
2013	19,299	8,722	4,561	4,671	614	185	546	100.0	45.2	23.6	24.2	3.2	1.0	2.8
2014	19,506	8,681	4,577	4,846	640	184	579	100.0	44.5	23.5	24.8	3.3	0.9	3.0
2015	19,641	8,601	4,583	4,994	666	181	615	100.0	43.8	23.3	25.4	3.4	0.9	3.1
<b>West</b>														
1995	10,316	5,648	662	2,866	896	244	—	100.0	54.7	6.4	27.8	8.7	2.4	†
2000	11,244	5,624	733	3,625	998	264	—	100.0	50.0	6.5	32.2	8.9	2.4	†
2005	11,951	5,356	771	4,428	1,115	281	—	100.0	44.8	6.5	37.1	9.3	2.4	†
2010	11,998	4,861	659	4,792	1,100	237	349	100.0	40.5	5.5	39.9	9.2	2.0	2.9
2011	12,038	4,787	642	4,886	1,105	233	385	100.0	39.8	5.3	40.6	9.2	1.9	3.2
2012	12,124	4,766	632	4,978	1,104	227	417	100.0	39.3	5.2	41.1	9.1	1.9	3.4
2013	12,212	4,733	623	5,077	1,105	224	449	100.0	38.8	5.1	41.6	9.1	1.8	3.7
2014	12,266	4,698	616	5,144	1,112	221	475	100.0	38.3	5.0	41.9	9.1	1.8	3.9
2015 <sup>2</sup>	12,307	4,665	606	5,192	1,117	216	511	100.0	37.9	4.9	42.2	9.1	1.8	4.2

—Not available.

†Not applicable.

<sup>1</sup>For this year, data on students of Two or more races were reported by only a small number of states. Therefore, the data are not comparable to figures for 2010 and later years.

<sup>2</sup>Includes imputations for prekindergarten enrollment in California and Oregon.

<sup>3</sup>Projected.

NOTE: Race categories exclude persons of Hispanic ethnicity. Enrollment data for students not reported by race/ethnicity were prorated by state and grade to match state totals. Prior to 2008,

data on students of Two or more races were not collected. Some data have been revised from previously published figures. Detail may not sum to totals because of rounding.  
SOURCE: U.S. Department of Education, National Center for Education Statistics, Common Core of Data (CCD), "State Nonfiscal Survey of Public Elementary and Secondary Education," 1995–96 through 2015–16; and National Elementary and Secondary Enrollment by Race/Ethnicity Projection Model, 1972 through 2027. (This table was prepared February 2018.)

**Table 203.60. Enrollment and percentage distribution of enrollment in public elementary and secondary schools, by race/ethnicity and level of education: Fall 1999 through fall 2027**

Level of education and year	Enrollment (in thousands)									Percentage distribution								
	Total	White	Black	Hispanic	Asian/Pacific Islander			American Indian/Alaska Native	Two or more races	Total	White	Black	Hispanic	Asian/Pacific Islander			American Indian/Alaska Native	Two or more races
					Total	Asian	Pacific Islander							Total	Asian	Pacific Islander		
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
<b>Total</b>																		
1999	46,857	29,035	8,066	7,327	1,887	—	—	542	—	100.0	62.0	17.2	15.6	4.0	†	†	1.2	†
2000	47,204	28,878	8,100	7,726	1,950	—	—	550	—	100.0	61.2	17.2	16.4	4.1	†	†	1.2	†
2001	47,672	28,735	8,177	8,169	2,028	—	—	564	—	100.0	60.3	17.2	17.1	4.3	†	†	1.2	†
2002	48,183	28,618	8,299	8,594	2,088	—	—	583	—	100.0	59.4	17.2	17.8	4.3	†	†	1.2	†
2003	48,540	28,442	8,349	9,011	2,145	—	—	593	—	100.0	58.6	17.2	18.6	4.4	†	†	1.2	†
2004	48,795	28,318	8,386	9,317	2,183	—	—	591	—	100.0	58.0	17.2	19.1	4.5	†	†	1.2	†
2005	49,113	28,005	8,445	9,787	2,279	—	—	598	—	100.0	57.0	17.2	19.9	4.6	†	†	1.2	†
2006	49,316	27,801	8,422	10,166	2,332	—	—	595	—	100.0	56.4	17.1	20.6	4.7	†	†	1.2	†
2007	49,291	27,454	8,392	10,454	2,396	—	—	594	—	100.0	55.7	17.0	21.2	4.9	†	†	1.2	†
2008	49,266	27,057	8,358	10,563	2,451	2,405	46	589	247 <sup>1</sup>	100.0	54.9	17.0	21.4	5.0	4.9	0.1	1.2	0.5 <sup>1</sup>
2009	49,361	26,702	8,245	10,991	2,484	2,435	49	601	338 <sup>1</sup>	100.0	54.1	16.7	22.3	5.0	4.9	0.1	1.2	0.7 <sup>1</sup>
2010	49,484	25,933	7,917	11,439	2,466	2,296	171	566	1,164	100.0	52.4	16.0	23.1	5.0	4.6	0.3	1.1	2.4
2011	49,522	25,602	7,827	11,759	2,513	2,334	179	547	1,272	100.0	51.7	15.8	23.7	5.1	4.7	0.4	1.1	2.6
2012	49,771	25,386	7,803	12,104	2,552	2,372	180	534	1,393	100.0	51.0	15.7	24.3	5.1	4.8	0.4	1.1	2.8
2013	50,045	25,160	7,805	12,452	2,593	2,417	176	523	1,511	100.0	50.3	15.6	24.9	5.2	4.8	0.4	1.0	3.0
2014	50,313	24,923	7,807	12,805	2,646	2,470	176	519	1,612	100.0	49.5	15.5	25.4	5.3	4.9	0.3	1.0	3.2
2015 <sup>2</sup>	50,438	24,644	7,784	13,080	2,697	2,521	177	510	1,723	100.0	48.9	15.4	25.9	5.3	5.0	0.4	1.0	3.4
2016 <sup>3</sup>	50,580	24,555	7,817	13,463	2,753	2,575	178	508	1,484	100.0	48.5	15.5	26.6	5.4	5.1	0.4	1.0	2.9
2017 <sup>3</sup>	50,649	24,311	7,799	13,722	2,794	2,616	178	503	1,519	100.0	48.0	15.4	27.1	5.5	5.2	0.4	1.0	3.0
2018 <sup>3</sup>	50,701	24,091	7,777	13,957	2,824	2,646	178	499	1,553	100.0	47.5	15.3	27.5	5.6	5.2	0.4	1.0	3.1
2019 <sup>3</sup>	50,803	23,951	7,753	14,142	2,872	2,696	177	492	1,593	100.0	47.1	15.3	27.8	5.7	5.3	0.3	1.0	3.1
2020 <sup>3</sup>	50,971	23,834	7,755	14,337	2,918	2,743	175	485	1,642	100.0	46.8	15.2	28.1	5.7	5.4	0.3	1.0	3.2
2021 <sup>3</sup>	51,146	23,721	7,777	14,520	2,960	2,785	174	479	1,690	100.0	46.4	15.2	28.4	5.8	5.4	0.3	0.9	3.3
2022 <sup>3</sup>	51,317	23,617	7,805	14,684	3,002	2,829	173	473	1,736	100.0	46.0	15.2	28.6	5.8	5.5	0.3	0.9	3.4
2023 <sup>3</sup>	51,488	23,536	7,831	14,820	3,049	2,878	171	469	1,783	100.0	45.7	15.2	28.8	5.9	5.6	0.3	0.9	3.5
2024 <sup>3</sup>	51,619	23,459	7,847	14,920	3,101	2,931	170	465	1,827	100.0	45.4	15.2	28.9	6.0	5.7	0.3	0.9	3.5
2025 <sup>3</sup>	51,712	23,369	7,854	15,003	3,154	2,984	169	462	1,870	100.0	45.2	15.2	29.0	6.1	5.8	0.3	0.9	3.6
2026 <sup>3</sup>	51,833	23,301	7,864	15,088	3,208	3,039	169	459	1,914	100.0	45.0	15.2	29.1	6.2	5.9	0.3	0.9	3.7
2027 <sup>3</sup>	52,059	23,274	7,888	15,209	3,271	3,102	169	457	1,960	100.0	44.7	15.2	29.2	6.3	6.0	0.3	0.9	3.8
<b>Prekindergarten through grade 8</b>																		
1999	33,486	20,327	5,952	5,512	1,303	—	—	391	—	100.0	60.7	17.8	16.5	3.9	†	†	1.2	†
2000	33,686	20,130	5,981	5,830	1,349	—	—	397	—	100.0	59.8	17.8	17.3	4.0	†	†	1.2	†
2001	33,936	19,960	6,004	6,159	1,409	—	—	405	—	100.0	58.8	17.7	18.1	4.2	†	†	1.2	†
2002	34,114	19,764	6,042	6,446	1,447	—	—	415	—	100.0	57.9	17.7	18.9	4.2	†	†	1.2	†
2003	34,201	19,558	6,015	6,729	1,483	—	—	415	—	100.0	57.2	17.6	19.7	4.3	†	†	1.2	†
2004	34,178	19,368	5,983	6,909	1,504	—	—	413	—	100.0	56.7	17.5	20.2	4.4	†	†	1.2	†
2005	34,204	19,051	5,954	7,216	1,569	—	—	412	—	100.0	55.7	17.4	21.1	4.6	†	†	1.2	†
2006	34,235	18,863	5,882	7,465	1,611	—	—	414	—	100.0	55.1	17.2	21.8	4.7	†	†	1.2	†
2007	34,204	18,679	5,821	7,632	1,660	—	—	412	—	100.0	54.6	17.0	22.3	4.9	†	†	1.2	†
2008	34,286	18,501	5,793	7,689	1,705	1,674	31	410	187 <sup>1</sup>	100.0	54.0	16.9	22.4	5.0	4.9	0.1	1.2	0.5 <sup>1</sup>
2009	34,409	18,316	5,713	7,977	1,730	1,697	33	419	254 <sup>1</sup>	100.0	53.2	16.6	23.2	5.0	4.9	0.1	1.2	0.7 <sup>1</sup>
2010	34,625	17,823	5,495	8,314	1,711	1,589	122	394	887	100.0	51.5	15.9	24.0	4.9	4.6	0.4	1.1	2.6
2011	34,773	17,654	5,470	8,558	1,744	1,616	128	384	963	100.0	50.8	15.7	24.6	5.0	4.6	0.4	1.1	2.8
2012	35,018	17,535	5,473	8,804	1,773	1,644	129	375	1,057	100.0	50.1	15.6	25.1	5.1	4.7	0.4	1.1	3.0
2013	35,251	17,390	5,483	9,054	1,809	1,683	126	367	1,148	100.0	49.3	15.6	25.7	5.1	4.8	0.4	1.0	3.3
2014	35,370	17,193	5,471	9,273	1,842	1,718	124	363	1,227	100.0	48.6	15.5	26.2	5.2	4.9	0.4	1.0	3.5
2015 <sup>2</sup>	35,388	16,972	5,448	9,424	1,878	1,754	124	356	1,311	100.0	48.0	15.4	26.6	5.3	5.0	0.4	1.0	3.7
2016 <sup>3</sup>	35,504	16,937	5,489	9,683	1,916	1,791	125	354	1,124	100.0	47.7	15.5	27.3	5.4	5.0	0.4	1.0	3.2
2017 <sup>3</sup>	35,551	16,771	5,506	9,837	1,934	1,809	124	351	1,153	100.0	47.2	15.5	27.7	5.4	5.1	0.3	1.0	3.2
2018 <sup>3</sup>	35,606	16,632	5,524	9,976	1,946	1,823	123	347	1,179	100.0	46.7	15.5	28.0	5.5	5.1	0.3	1.0	3.3
2019 <sup>3</sup>	35,683	16,581	5,527	10,050	1,977	1,857	120	340	1,207	100.0	46.5	15.5	28.2	5.5	5.2	0.3	1.0	3.4
2020 <sup>3</sup>	35,717	16,516	5,523	10,092	2,009	1,891	118	335	1,242	100.0	46.2	15.5	28.3	5.6	5.3	0.3	0.9	3.5
2021 <sup>3</sup>	35,711	16,441	5,508	10,114	2,042	1,925	117	330	1,275	100.0	46.0	15.4	28.3	5.7	5.4	0.3	0.9	3.6
2022 <sup>3</sup>	35,745	16,396	5,499	10,140	2,076	1,961	115	327	1,307	100.0	45.9	15.4	28.4	5.8	5.5	0.3	0.9	3.7
2023 <sup>3</sup>	35,902	16,404	5,511	10,205	2,121	2,006	116	324	1,337	100.0	45.7	15.4	28.4	5.9	5.6	0.3	0.9	3.7
2024 <sup>3</sup>	36,071	16,417	5,532	10,264	2,164	2,048	116	322	1,371	100.0	45.5	15.3	28.5	6.0	5.7	0.3	0.9	3.8
2025 <sup>3</sup>	36,245	16,431	5,554	10,328	2,207	2,091	116	321	1,405	100.0	45.3	15.3	28.5	6.1	5.8	0.3	0.9	3.9
2026 <sup>3</sup>	36,451	16,444	5,578	10,415	2,253	2,137	116	319	1,442	100.0	45.1	15.3	28.6	6.2	5.9	0.3	0.9	4.0
2027 <sup>3</sup>	36,668	16,444	5,607	10,512	2,304	2,187	117	318	1,482	100.0	44.8	15.3	28.7	6.3	6.0	0.3	0.9	4.0

**Table 203.60. Enrollment and percentage distribution of enrollment in public elementary and secondary schools, by race/ethnicity and level of education: Fall 1999 through fall 2027—Continued**

Level of education and year	Enrollment (in thousands)									Percentage distribution								
	Total	White	Black	Hispanic	Asian/Pacific Islander			American Indian/Alaska Native	Two or more races	Total	White	Black	Hispanic	Asian/Pacific Islander			American Indian/Alaska Native	Two or more races
					Total	Asian	Pacific Islander							Total	Asian	Pacific Islander		
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
<b>Grades 9 through 12</b>																		
1999 .....	13,371	8,708	2,114	1,815	584	—	—	151	—	100.0	65.1	15.8	13.6	4.4	†	†	1.1	†
2000 .....	13,517	8,747	2,119	1,896	601	—	—	153	—	100.0	64.7	15.7	14.0	4.4	†	†	1.1	†
2001 .....	13,736	8,774	2,173	2,011	619	—	—	159	—	100.0	63.9	15.8	14.6	4.5	†	†	1.2	†
2002 .....	14,069	8,854	2,257	2,148	642	—	—	168	—	100.0	62.9	16.0	15.3	4.6	†	†	1.2	†
2003 .....	14,339	8,884	2,334	2,282	663	—	—	177	—	100.0	62.0	16.3	15.9	4.6	†	†	1.2	†
2004 .....	14,618	8,950	2,403	2,408	679	—	—	178	—	100.0	61.2	16.4	16.5	4.6	†	†	1.2	†
2005 .....	14,909	8,954	2,490	2,570	709	—	—	186	—	100.0	60.1	16.7	17.2	4.8	†	†	1.2	†
2006 .....	15,081	8,938	2,540	2,701	720	—	—	181	—	100.0	59.3	16.8	17.9	4.8	†	†	1.2	†
2007 .....	15,086	8,775	2,571	2,821	736	—	—	183	—	100.0	58.2	17.0	18.7	4.9	†	†	1.2	†
2008 .....	14,980	8,556	2,565	2,874	746	731	15	179	59 <sup>1</sup>	100.0	57.1	17.1	19.2	5.0	4.9	0.1	1.2	0.4 <sup>1</sup>
2009 .....	14,952	8,385	2,532	3,014	754	738	16	182	84 <sup>1</sup>	100.0	56.1	16.9	20.2	5.0	4.9	0.1	1.2	0.6 <sup>1</sup>
2010 .....	14,860	8,109	2,422	3,125	755	707	49	171	277	100.0	54.6	16.3	21.0	5.1	4.8	0.3	1.2	1.9
2011 .....	14,749	7,948	2,357	3,202	769	719	50	163	309	100.0	53.9	16.0	21.7	5.2	4.9	0.3	1.1	2.1
2012 .....	14,753	7,851	2,330	3,300	779	727	51	158	335	100.0	53.2	15.8	22.4	5.3	4.9	0.3	1.1	2.3
2013 .....	14,794	7,770	2,322	3,398	784	733	51	156	363	100.0	52.5	15.7	23.0	5.3	5.0	0.3	1.1	2.5
2014 .....	14,943	7,730	2,336	3,532	804	753	52	156	385	100.0	51.7	15.6	23.6	5.4	5.0	0.3	1.0	2.6
2015 .....	15,050	7,672	2,336	3,656	819	767	52	154	412	100.0	51.0	15.5	24.3	5.4	5.1	0.3	1.0	2.7
2016 <sup>3</sup> .....	15,076	7,618	2,328	3,780	837	784	53	153	359	100.0	50.5	15.4	25.1	5.6	5.2	0.4	1.0	2.4
2017 <sup>3</sup> .....	15,097	7,540	2,293	3,886	860	806	54	152	366	100.0	49.9	15.2	25.7	5.7	5.3	0.4	1.0	2.4
2018 <sup>3</sup> .....	15,095	7,458	2,253	3,981	878	823	55	151	374	100.0	49.4	14.9	26.4	5.8	5.5	0.4	1.0	2.5
2019 <sup>3</sup> .....	15,120	7,370	2,227	4,091	895	839	57	151	386	100.0	48.7	14.7	27.1	5.9	5.5	0.4	1.0	2.6
2020 <sup>3</sup> .....	15,254	7,318	2,231	4,245	909	852	57	150	400	100.0	48.0	14.6	27.8	6.0	5.6	0.4	1.0	2.6
2021 <sup>3</sup> .....	15,435	7,280	2,269	4,405	918	860	58	149	415	100.0	47.2	14.7	28.5	5.9	5.6	0.4	1.0	2.7
2022 <sup>3</sup> .....	15,572	7,221	2,306	4,543	925	868	57	147	430	100.0	46.4	14.8	29.2	5.9	5.6	0.4	0.9	2.8
2023 <sup>3</sup> .....	15,585	7,133	2,320	4,615	928	872	55	145	446	100.0	45.8	14.9	29.6	6.0	5.6	0.4	0.9	2.9
2024 <sup>3</sup> .....	15,549	7,041	2,315	4,656	937	883	54	143	456	100.0	45.3	14.9	29.9	6.0	5.7	0.3	0.9	2.9
2025 <sup>3</sup> .....	15,467	6,938	2,300	4,675	946	893	53	141	466	100.0	44.9	14.9	30.2	6.1	5.8	0.3	0.9	3.0
2026 <sup>3</sup> .....	15,382	6,857	2,286	4,673	955	902	52	140	472	100.0	44.6	14.9	30.4	6.2	5.9	0.3	0.9	3.1
2027 <sup>3</sup> .....	15,391	6,830	2,280	4,697	967	915	53	139	478	100.0	44.4	14.8	30.5	6.3	5.9	0.3	0.9	3.1

—Not available.  
†Not applicable.

<sup>1</sup>For this year, data on students of Two or more races were reported by only a small number of states. Therefore, the data are not comparable to figures for 2010 and later years.

<sup>2</sup>Includes imputations for prekindergarten enrollment in California and Oregon.

<sup>3</sup>Projected.

NOTE: Race categories exclude persons of Hispanic ethnicity. Enrollment data for students not reported by race/ethnicity were prorated by state and grade to match state totals. Prior to 2008, data on students of Two or more races were not collected. Total counts of

ungraded students were prorated to prekindergarten through grade 8 and grades 9 through 12 based on prior reports. Some data have been revised from previously published figures. Detail may not sum to totals because of rounding.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Common Core of Data (CCD), "State Nonfiscal Survey of Public Elementary and Secondary Education," 1998–99 through 2015–16; and National Elementary and Secondary Enrollment by Race/Ethnicity Projection Model, 1972 through 2027. (This table was prepared February 2018.)

**Table 203.70. Percentage distribution of enrollment in public elementary and secondary schools, by race/ethnicity and state or jurisdiction: Fall 2000 and fall 2015**

State or jurisdiction	Percentage distribution, fall 2000						Percentage distribution, fall 2015							
	Total	White	Black	Hispanic	Asian/ Pacific Islander	American Indian/ Alaska Native	Total	White	Black	Hispanic	Asian	Pacific Islander	American Indian/ Alaska Native	Two or more races
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
<b>United States</b> .....	<b>100.0</b>	<b>61.2</b>	<b>17.2</b>	<b>16.3</b>	<b>4.1</b>	<b>1.2</b>	<b>100.0</b>	<b>48.9</b>	<b>15.5</b>	<b>25.9</b>	<b>5.0</b>	<b>0.3</b>	<b>1.0</b>	<b>3.4</b>
Alabama .....	100.0	60.8	36.5	1.3	0.7	0.7	100.0	55.6	33.2	6.8	1.4	0.1	0.9	2.0
Alaska .....	100.0	61.5	4.6	3.4	5.5	25.0	100.0	48.1	3.2	6.7	5.9	2.7	23.1	10.3
Arizona .....	100.0	52.8	4.6	33.9	2.1	6.6	100.0	39.5	5.3	44.9	2.8	0.3	4.5	2.7
Arkansas .....	100.0	71.7	23.3	3.6	0.9	0.5	100.0	61.8	20.8	12.3	1.6	0.7	0.6	2.2
California .....	100.0	36.1	8.5	43.4	11.1	0.9	100.0	24.1	5.8	54.0	11.4	0.5	0.6	3.7
Colorado .....	100.0	68.2	5.7	22.0	2.9	1.2	100.0	54.1	4.6	33.4	3.1	0.2	0.7	3.8
Connecticut .....	100.0	70.1	13.7	13.1	2.8	0.3	100.0	56.0	12.8	23.1	5.0	0.1	0.3	2.7
Delaware .....	100.0	60.7	30.8	6.0	2.3	0.3	100.0	46.0	30.6	16.0	3.7	0.1	0.4	3.1
District of Columbia .....	100.0	4.5	84.6	9.2	1.6	0.1	100.0	10.2	70.9	15.4	1.4	0.1	0.2	1.8
Florida .....	100.0	53.3	25.2	19.4	1.9	0.3	100.0	39.5	22.5	31.5	2.6	0.2	0.3	3.4
Georgia .....	100.0	54.7	38.2	4.8	2.2	0.2	100.0	41.0	36.9	14.6	3.8	0.1	0.2	3.4
Hawaii .....	100.0	20.4	2.3	4.5	72.3	0.4	100.0	12.8	1.9	12.0	30.3	30.4	0.3	12.3
Idaho .....	100.0	86.0	0.7	10.7	1.2	1.4	100.0	76.0	1.0	17.7	1.2	0.3	1.4	2.4
Illinois .....	100.0	59.8	21.3	15.4	3.4	0.2	100.0	48.8	17.3	25.5	4.7	0.1	0.3	3.2
Indiana .....	100.0	83.6	11.7	3.5	1.0	0.2	100.0	69.3	12.4	11.1	2.2	0.1	0.2	4.7
Iowa .....	100.0	90.2	4.0	3.6	1.7	0.5	100.0	77.6	5.6	10.3	2.4	0.2	0.4	3.6
Kansas .....	100.0	78.7	8.9	8.9	2.2	1.3	100.0	64.9	7.0	19.3	2.7	0.2	0.9	4.9
Kentucky .....	100.0	87.5	10.7	1.0	0.6	0.2	100.0	78.2	10.6	6.0	1.6	0.1	0.1	3.4
Louisiana .....	100.0	48.9	47.8	1.4	1.3	0.6	100.0	45.5	44.2	5.9	1.5	0.1	0.7	2.0
Maine .....	100.0	96.5	1.2	0.6	1.0	0.7	100.0	90.2	3.3	2.0	1.5	0.1	0.8	2.0
Maryland .....	100.0	53.4	37.1	4.8	4.4	0.4	100.0	39.1	34.4	15.5	6.3	0.1	0.3	4.3
Massachusetts .....	100.0	76.1	8.5	10.7	4.4	0.3	100.0	62.8	8.8	18.5	6.4	0.1	0.2	3.2
Michigan .....	100.0	73.8	19.8	3.5	1.8	1.0	100.0	67.1	18.2	7.4	3.1	0.1	0.7	3.4
Minnesota .....	100.0	82.9	6.6	3.4	5.1	2.0	100.0	68.6	10.3	8.8	6.5	0.1	1.7	4.1
Mississippi .....	100.0	47.3	51.1	0.8	0.7	0.1	100.0	44.8	49.2	3.4	1.0	#	0.2	1.3
Missouri .....	100.0	79.3	17.4	1.8	1.2	0.3	100.0	72.2	16.1	5.9	1.9	0.2	0.4	3.2
Montana .....	100.0	86.2	0.6	1.7	1.0	10.5	100.0	79.2	0.9	4.5	0.8	0.2	11.4	3.1
Nebraska .....	100.0	83.0	6.7	7.3	1.5	1.5	100.0	67.7	6.7	18.1	2.5	0.1	1.4	3.5
Nevada .....	100.0	56.7	10.2	25.7	5.7	1.7	100.0	34.0	10.5	41.7	5.5	1.4	1.0	6.0
New Hampshire .....	100.0	95.5	1.1	1.8	1.3	0.2	100.0	86.8	1.9	5.0	3.2	0.1	0.3	2.8
New Jersey .....	100.0	60.3	17.9	15.3	6.3	0.2	100.0	45.8	16.1	26.7	9.5	0.2	0.1	1.6
New Mexico .....	100.0	35.3	2.4	50.2	1.1	11.1	100.0	23.6	1.9	61.3	1.1	0.1	10.2	1.6
New York .....	100.0	54.9	20.2	18.5	6.0	0.4	100.0	44.7	17.7	25.9	9.1	—	0.6	2.0
North Carolina .....	100.0	61.0	31.3	4.4	1.9	1.5	100.0	49.8	25.8	16.2	3.0	0.1	1.3	3.8
North Dakota .....	100.0	89.4	1.0	1.2	0.8	7.6	100.0	78.8	4.2	4.6	1.5	0.3	8.8	1.9
Ohio .....	100.0	80.7	16.3	1.7	1.1	0.1	100.0	71.3	16.4	5.1	2.1	0.1	0.1	4.8
Oklahoma .....	100.0	64.9	10.8	6.0	1.4	16.9	100.0	50.0	8.9	16.2	1.9	0.3	14.3	8.4
Oregon .....	100.0	80.4	2.9	10.5	4.0	2.1	100.0	63.4	2.4	22.5	3.9	0.7	1.4	5.7
Pennsylvania .....	100.0	78.2	15.1	4.5	2.0	0.1	100.0	67.5	14.8	10.4	3.7	0.1	0.2	3.4
Rhode Island .....	100.0	74.3	7.9	14.0	3.3	0.5	100.0	59.7	8.2	24.2	3.2	0.1	0.7	3.8
South Carolina .....	100.0	54.9	42.1	1.9	1.0	0.2	100.0	51.7	34.4	8.5	1.5	0.1	0.3	3.5
South Dakota .....	100.0	86.5	1.2	1.2	0.9	10.1	100.0	75.4	2.9	5.2	1.7	0.1	11.3	3.4
Tennessee .....	100.0	72.4	24.5	1.8	1.1	0.2	100.0	64.0	22.5	9.0	1.9	0.1	0.2	2.3
Texas .....	100.0	42.0	14.4	40.6	2.7	0.3	100.0	28.5	12.6	52.2	4.0	0.1	0.4	2.1
Utah .....	100.0	85.8	1.0	8.9	2.8	1.6	100.0	75.3	1.4	16.6	1.7	1.6	1.1	2.3
Vermont .....	100.0	96.3	1.1	0.6	1.4	0.6	100.0	91.0	2.0	1.8	2.0	0.1	0.2	3.0
Virginia .....	100.0	63.6	27.1	4.9	4.1	0.3	100.0	50.5	22.9	14.4	6.6	0.2	0.3	5.1
Washington .....	100.0	74.4	5.3	10.2	7.3	2.7	100.0	56.2	4.4	22.4	7.3	1.0	1.3	7.4
West Virginia .....	100.0	94.7	4.3	0.4	0.5	0.1	100.0	90.5	4.5	1.6	0.7	#	0.1	2.6
Wisconsin .....	100.0	80.7	10.0	4.5	3.3	1.4	100.0	71.2	9.5	11.3	3.8	0.1	1.2	3.0
Wyoming .....	100.0	87.9	1.2	6.9	0.9	3.1	100.0	78.1	1.1	14.1	0.8	0.2	3.6	2.1
Bureau of Indian Education .....	100.0	0.0	0.0	0.0	0.0	100.0	—	—	—	—	—	—	—	—
DoD, domestic and overseas .....	100.0	56.9	23.1	11.4	7.9	0.8	100.0	46.2	12.7	20.9	6.4	1.8	0.5	11.6
Other jurisdictions														
American Samoa .....	100.0	0.0	0.0	0.0	100.0	0.0	—	—	—	—	—	—	—	—
Guam .....	100.0	1.7	0.3	0.2	97.7	0.1	100.0	0.6	0.1	0.2	23.0	74.0	#	2.0
Northern Marianas .....	100.0	0.3	#	0.0	99.7	0.0	—	—	—	—	—	—	—	—
Puerto Rico .....	100.0	0.0	0.0	100.0	0.0	0.0	100.0	0.1	#	99.7	#	#	0.1	0.0
U.S. Virgin Islands .....	100.0	0.8	85.8	13.1	0.2	0.1	100.0	1.5	78.0	19.5	0.4	0.1	0.1	0.4

—Not available.

#Rounds to zero.

NOTE: Percentage distribution based on students for whom race/ethnicity was reported, which may be less than the total number of students in the state. Race categories exclude persons of Hispanic ethnicity. DoD = Department of Defense. Detail may not sum to totals because of rounding.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Common Core of Data (CCD), "State Nonfiscal Survey of Public Elementary/Secondary Education," 2000-01 and 2015-16. (This table was prepared March 2018.)

**Table 203.75. Enrollment and percentage distribution of enrollment in public schools, by family poverty rate of 5- to 17-year-olds living in the school district, student race/ethnicity, region, and school locale: 2013–14**

Student race/ethnicity, region, and school locale	Enrollment in public schools					Percentage distribution of enrollment				
	Total	Family poverty rate <sup>1</sup> of 5- to 17-year-olds <sup>2</sup> living in the school district				Total	Family poverty rate <sup>1</sup> of 5- to 17-year-olds <sup>2</sup> living in the school district			
		0 to 12.0 percent	12.1 to 20.0 percent	20.1 to 28.0 percent	More than 28.0 percent		0 to 12.0 percent	12.1 to 20.0 percent	20.1 to 28.0 percent	More than 28.0 percent
1	2	3	4	5	6	7	8	9	10	11
<b>Total</b>	<b>49,481,720</b>	<b>12,301,079</b>	<b>12,922,300</b>	<b>12,094,711</b>	<b>12,163,630</b>	<b>100.0</b>	<b>24.9</b>	<b>26.1</b>	<b>24.4</b>	<b>24.6</b>
White	24,845,481	8,692,937	7,476,122	5,691,098	2,985,324	100.0	35.0	30.1	22.9	12.0
Black	7,719,312	771,004	1,488,381	1,905,234	3,554,693	100.0	10.0	19.3	24.7	46.0
Hispanic	12,339,568	1,431,637	2,658,932	3,529,446	4,719,553	100.0	11.6	21.5	28.6	38.2
Asian	2,398,012	889,457	655,025	404,814	448,716	100.0	37.1	27.3	16.9	18.7
Pacific Islander	174,671	25,723	93,798	35,346	19,804	100.0	14.7	53.7	20.2	11.3
American Indian/Alaska Native	514,311	72,506	117,958	139,649	184,198	100.0	14.1	22.9	27.2	35.8
Two or more races	1,490,365	417,815	432,084	389,124	251,342	100.0	28.0	29.0	26.1	16.9
<b>Region</b>										
<b>Northeast</b>	<b>7,868,890</b>	<b>3,384,038</b>	<b>1,474,912</b>	<b>756,386</b>	<b>2,253,554</b>	<b>100.0</b>	<b>43.0</b>	<b>18.7</b>	<b>9.6</b>	<b>28.6</b>
White	4,530,450	2,644,675	1,025,428	435,433	424,914	100.0	58.4	22.6	9.6	9.4
Black	1,141,778	166,961	146,847	106,649	721,321	100.0	14.6	12.9	9.3	63.2
Hispanic	1,483,514	261,431	212,600	170,445	839,038	100.0	17.6	14.3	11.5	56.6
Asian	524,451	237,102	51,055	23,392	212,902	100.0	45.2	9.7	4.5	40.6
Pacific Islander	6,405	3,190	1,470	555	1,190	100.0	49.8	23.0	8.7	18.6
American Indian/Alaska Native	26,723	6,379	4,654	2,860	12,830	100.0	23.9	17.4	10.7	48.0
Two or more races	155,569	64,300	32,858	17,052	41,359	100.0	41.3	21.1	11.0	26.6
<b>Midwest</b>	<b>10,404,086</b>	<b>3,628,774</b>	<b>3,008,289</b>	<b>1,883,607</b>	<b>1,883,416</b>	<b>100.0</b>	<b>34.9</b>	<b>28.9</b>	<b>18.1</b>	<b>18.1</b>
White	6,999,851	2,946,827	2,286,115	1,174,966	591,943	100.0	42.1	32.7	16.8	8.5
Black	1,433,910	166,580	209,790	272,151	785,389	100.0	11.6	14.6	19.0	54.8
Hispanic	1,197,286	232,755	304,204	282,979	377,348	100.0	19.4	25.4	23.6	31.5
Asian	326,685	156,921	78,301	53,191	38,272	100.0	48.0	24.0	16.3	11.7
Pacific Islander	10,657	3,324	3,147	2,684	1,502	100.0	31.2	29.5	25.2	14.1
American Indian/Alaska Native	84,113	15,354	27,889	20,904	19,966	100.0	18.3	33.2	24.9	23.7
Two or more races	351,584	107,013	98,843	76,732	68,996	100.0	30.4	28.1	21.8	19.6
<b>South</b>	<b>19,199,289</b>	<b>2,655,102</b>	<b>4,900,385</b>	<b>6,295,205</b>	<b>5,348,597</b>	<b>100.0</b>	<b>13.8</b>	<b>25.5</b>	<b>32.8</b>	<b>27.9</b>
White	8,671,331	1,491,574	2,548,037	3,073,684	1,558,036	100.0	17.2	29.4	35.4	18.0
Black	4,531,913	370,816	974,166	1,324,676	1,862,255	100.0	8.2	21.5	29.2	41.1
Hispanic	4,657,701	443,158	1,004,917	1,520,883	1,688,743	100.0	9.5	21.6	32.7	36.3
Asian	586,656	208,822	174,145	127,583	76,106	100.0	35.6	29.7	21.7	13.0
Pacific Islander	25,989	3,897	6,479	8,281	7,332	100.0	15.0	24.9	31.9	28.2
American Indian/Alaska Native	182,604	21,618	42,807	56,866	61,313	100.0	11.8	23.4	31.1	33.6
Two or more races	543,095	115,217	149,834	183,232	94,812	100.0	21.2	27.6	33.7	17.5
<b>West</b>	<b>12,009,455</b>	<b>2,633,165</b>	<b>3,538,714</b>	<b>3,159,513</b>	<b>2,678,063</b>	<b>100.0</b>	<b>21.9</b>	<b>29.5</b>	<b>26.3</b>	<b>22.3</b>
White	4,643,849	1,609,861	1,616,542	1,007,015	410,431	100.0	34.7	34.8	21.7	8.8
Black	611,711	66,647	157,578	201,758	185,728	100.0	10.9	25.8	33.0	30.4
Hispanic	5,001,067	494,293	1,137,211	1,555,139	1,814,424	100.0	9.9	22.7	31.1	36.3
Asian	960,220	286,612	351,524	200,648	121,436	100.0	29.8	36.6	20.9	12.6
Pacific Islander	131,620	15,312	82,702	23,826	9,780	100.0	11.6	62.8	18.1	7.4
American Indian/Alaska Native	220,871	29,155	42,608	59,019	90,089	100.0	13.2	19.3	26.7	40.8
Two or more races	440,117	131,285	150,549	112,108	46,175	100.0	29.8	34.2	25.5	10.5
<b>School locale</b>										
<b>City</b>	<b>15,033,168</b>	<b>1,534,603</b>	<b>2,801,732</b>	<b>3,828,456</b>	<b>6,868,377</b>	<b>100.0</b>	<b>10.2</b>	<b>18.6</b>	<b>25.5</b>	<b>45.7</b>
White	4,469,681	832,736	1,259,612	1,333,178	1,044,155	100.0	18.6	28.2	29.8	23.4
Black	3,605,174	124,911	359,545	793,345	2,327,373	100.0	3.5	10.0	22.0	64.6
Hispanic	5,296,601	259,359	780,337	1,314,327	2,942,578	100.0	4.9	14.7	24.8	55.6
Asian	1,014,109	216,841	241,298	189,312	366,658	100.0	21.4	23.8	18.7	36.2
Pacific Islander	58,505	6,841	23,252	16,015	12,397	100.0	11.7	39.7	27.4	21.2
American Indian/Alaska Native	108,738	14,031	21,442	35,715	37,550	100.0	12.9	19.7	32.8	34.5
Two or more races	480,360	79,884	116,246	146,564	137,666	100.0	16.6	24.2	30.5	28.7
<b>Suburban</b>	<b>19,681,922</b>	<b>7,934,194</b>	<b>5,641,891</b>	<b>4,085,643</b>	<b>2,020,194</b>	<b>100.0</b>	<b>40.3</b>	<b>28.7</b>	<b>20.8</b>	<b>10.3</b>
White	10,125,473	5,497,938	2,777,160	1,456,154	394,221	100.0	54.3	27.4	14.4	3.9
Black	2,688,333	553,707	892,296	738,779	503,551	100.0	20.6	33.2	27.5	18.7
Hispanic	4,889,909	962,617	1,354,169	1,561,821	1,011,302	100.0	19.7	27.7	31.9	20.7
Asian	1,183,661	605,471	349,149	172,738	56,303	100.0	51.2	29.5	14.6	4.8
Pacific Islander	73,890	15,103	41,847	13,326	3,614	100.0	20.4	56.6	18.0	4.9
American Indian/Alaska Native	90,382	30,705	31,517	19,458	8,702	100.0	34.0	34.9	21.5	9.6
Two or more races	630,274	268,653	195,753	123,367	42,501	100.0	42.6	31.1	19.6	6.7
<b>Town</b>	<b>5,656,097</b>	<b>757,138</b>	<b>1,660,327</b>	<b>1,699,017</b>	<b>1,539,615</b>	<b>100.0</b>	<b>13.4</b>	<b>29.4</b>	<b>30.0</b>	<b>27.2</b>
White	3,659,321	634,632	1,239,716	1,143,382	641,591	100.0	17.3	33.9	31.2	17.5
Black	573,219	15,760	54,892	144,836	357,731	100.0	2.7	9.6	25.3	62.4
Hispanic	1,042,256	65,144	241,442	302,533	433,137	100.0	6.3	23.2	29.0	41.6
Asian	73,683	12,231	29,025	18,934	13,493	100.0	16.6	39.4	25.7	18.3
Pacific Islander	24,396	1,266	18,165	3,180	1,785	100.0	5.2	74.5	13.0	7.3
American Indian/Alaska Native	124,190	10,245	27,541	31,038	55,366	100.0	8.2	22.2	25.0	44.6
Two or more races	159,032	17,860	49,546	55,114	36,512	100.0	11.2	31.2	34.7	23.0

See notes at end of table.

**Table 203.75. Enrollment and percentage distribution of enrollment in public schools, by family poverty rate of 5- to 17-year-olds living in the school district, student race/ethnicity, region, and school locale: 2013–14—Continued**

Student race/ethnicity, region, and school locale	Enrollment in public schools					Percentage distribution of enrollment				
	Total	Family poverty rate <sup>1</sup> of 5- to 17-year-olds <sup>2</sup> living in the school district				Total	Family poverty rate <sup>1</sup> of 5- to 17-year-olds <sup>2</sup> living in the school district			
		0 to 12.0 percent	12.1 to 20.0 percent	20.1 to 28.0 percent	More than 28.0 percent		0 to 12.0 percent	12.1 to 20.0 percent	20.1 to 28.0 percent	More than 28.0 percent
1	2	3	4	5	6	7	8	9	10	11
<b>Rural</b> .....	<b>9,110,533</b>	<b>2,075,144</b>	<b>2,818,350</b>	<b>2,481,595</b>	<b>1,735,444</b>	<b>100.0</b>	<b>22.8</b>	<b>30.9</b>	<b>27.2</b>	<b>19.0</b>
White .....	6,591,006	1,727,631	2,199,634	1,758,384	905,357	100.0	26.2	33.4	26.7	13.7
Black .....	852,586	76,626	181,648	228,274	366,038	100.0	9.0	21.3	26.8	42.9
Hispanic .....	1,110,802	144,517	282,984	350,765	332,536	100.0	13.0	25.5	31.6	29.9
Asian .....	126,559	54,914	35,553	23,830	12,262	100.0	43.4	28.1	18.8	9.7
Pacific Islander .....	17,880	2,513	10,534	2,825	2,008	100.0	14.1	58.9	15.8	11.2
American Indian/Alaska Native .....	191,001	17,525	37,458	53,438	82,580	100.0	9.2	19.6	28.0	43.2
Two or more races .....	220,699	51,418	70,539	64,079	34,663	100.0	23.3	32.0	29.0	15.7

<sup>1</sup>A family is in poverty if its income falls below the Census Bureau's poverty threshold, which is a dollar amount that varies depending on a family's size and composition and is updated annually to account for inflation. In 2013, for example, the poverty threshold for a family of four with two children was \$23,624. The family poverty rate of 5- to 17-year-olds is the percentage of children in this age group whose families are in poverty. Includes only children classified as "related" and "relevant" (see footnote 2).

<sup>2</sup>Includes only those children who live in households and meet both of the following conditions: (1) The children are related to the householder by birth, marriage, or adoption (except a child who is the spouse of the householder). The householder is the person (or one of the people) who owns or rents (maintains) the housing unit. (2) The children are relevant to the school district. Children are relevant if they reside within the geographical boundaries of the district and are at a grade level served by the district, even if they do not attend a school in the district.

NOTE: School enrollment data were obtained from the Common Core of Data and poverty rate data were obtained from the Census Bureau. To create the school district

categories, public school districts were ranked and divided into quarters based on the family poverty rate of their 5- to 17-year-old population; the cut points between the four quarters were chosen so that, at the national level, each quarter contains approximately the same number of students. For the approximately 3 percent of public school students who attended charter or other special districts, no data were available on their school district's family poverty rate. The rate for their district was imputed to be the same as the rate for the regular public school district within which their charter or other special district was geographically located. Race categories exclude persons of Hispanic ethnicity. Detail may not sum to totals because of rounding.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Common Core of Data (CCD), "Public Elementary/Secondary School Universe Survey," 2013–14. U.S. Department of Commerce, Census Bureau, Small Area Income and Poverty Estimates (SAIPE) Program, 2013 Poverty Estimates for School Districts. (This table was prepared March 2016.)

**Table 203.80. Average daily attendance (ADA) in public elementary and secondary schools, by state or jurisdiction: Selected years, 1969–70 through 2014–15**

State or jurisdiction	1969–70	1979–80	1989–90	1999–2000	2006–07	2007–08	2008–09	2009–10	2010–11	2011–12	2012–13	2013–14	2014–15
1	2	3	4	5	6	7	8	9	10	11	12	13	14
<b>United States</b> ....	<b>41,934,376</b>	<b>38,288,911</b>	<b>37,799,296</b>	<b>43,806,726</b>	<b>46,132,663</b>	<b>46,155,880</b>	<b>46,173,477</b>	<b>45,919,206</b>	<b>46,118,737</b>	<b>46,400,465</b>	<b>46,553,754</b>	<b>46,829,716</b>	<b>47,064,337</b>
Alabama .....	777,123	711,432	683,833	725,212	714,302	731,161	712,179	698,208	709,225	715,402	688,614	706,566	702,430
Alaska .....	72,489	79,945	98,213	122,412	120,988	119,882	119,330	120,118	119,949	119,799	119,873	119,381	119,515
Arizona .....	391,526	481,905	557,252	782,851	972,404	973,689	999,386	968,764	964,683	969,825	973,369	989,026	993,460
Arkansas .....	414,158	423,610	403,025	422,958	436,804	439,347	439,432	435,676	443,118	443,125	470,644	449,815	447,483
California <sup>1</sup> .....	4,418,423	4,044,736	4,893,341	5,957,216	6,351,774	6,365,266	6,365,278	6,017,381 <sup>2</sup>	6,029,786 <sup>2</sup>	6,034,192 <sup>2</sup>	6,021,550 <sup>2</sup>	6,048,363 <sup>2</sup>	6,037,651 <sup>2</sup>
Colorado .....	500,388	513,475	519,419	656,700	722,168	735,549	747,845	762,190	763,147	779,747	784,242	798,520	798,176
Connecticut .....	618,881	507,362	439,524	533,779	555,428	553,445	549,776	548,787	537,104	534,846	534,350	528,163	523,101
Delaware .....	120,819	94,058	89,838	106,444	113,992	116,472	119,092	119,879	121,959	122,864	124,676	127,887	127,834
District of Columbia ...	138,600	91,576	71,468	65,371	61,799	61,636	68,447	68,217	69,575	71,910	76,579	74,208	78,109
Florida .....	1,312,693	1,464,461	1,646,583	2,175,453	2,527,431	2,494,397	2,468,060	2,493,694	2,541,022	2,575,910	2,600,989	2,651,391	2,702,807
Georgia .....	1,019,427	989,433	1,054,097	1,326,713	1,542,305	1,561,935	1,569,767	1,596,180	1,621,397	1,646,051	1,646,352	1,670,887	1,685,269
Hawaii .....	168,140	151,563	157,360	171,180	165,415	166,179	166,118	165,766	169,926	171,763	173,092	175,246	169,296
Idaho .....	170,920	189,199	203,987	230,828	251,278	255,523	258,712	262,238	263,001	263,377	264,786	270,279	272,069
Illinois .....	2,084,844	1,770,435	1,587,733	1,789,089	1,879,288	1,881,810	1,881,276	1,887,561	1,863,017	1,858,409	1,867,289	1,858,766	1,844,870
Indiana .....	1,111,043	983,444	884,568	929,281	976,373	969,976	973,342	976,503	976,225	976,337	977,509	976,479	977,322
Iowa .....	624,403	510,081	450,224	471,384	481,528	492,922	451,403	455,579	459,613	462,585	471,263	471,430	472,459
Kansas .....	470,296	382,019	388,986	426,853	422,142	418,751	418,495	435,745	443,131	454,740	453,778	454,681	462,512
Kentucky .....	647,970	619,868	569,795	565,693	583,102	585,775	585,556	587,102	593,323	594,440	618,774	622,088	617,642
Louisiana .....	776,555	727,601	727,125	701,957	625,916	631,163	637,643	643,374	654,093	664,640	673,911	676,421	680,540
Maine .....	225,146	211,400	195,089	194,554	178,870	175,161	173,357	168,213	165,067	166,483	164,339	163,539	160,260
Maryland .....	785,989	686,336	620,617	791,133	795,473	793,881	793,333	795,577	798,953	803,656	806,686	815,029	819,316
Massachusetts .....	1,056,207	935,960	763,231	913,502	933,697	917,181	913,976	912,792	910,568	906,736	907,954	912,102	908,322
Michigan .....	1,991,235	1,758,427	1,446,996	1,574,894	1,556,297	1,528,815	1,498,107	1,477,312	1,452,125	1,438,279	1,422,806	1,412,373	1,398,468
Minnesota .....	864,595	748,606	699,001	818,819	791,417	790,206	791,427	785,455	786,838	792,437	795,827	800,941	804,465
Mississippi .....	524,623	454,401	476,048	468,746	462,251	461,459	460,797	460,327	460,894	460,703	461,356	456,100	454,100
Missouri .....	906,132	777,269	729,693	836,105	858,821	852,106	853,580	852,460	839,997	840,917	843,762	847,838	847,524
Montana .....	162,664	144,608	135,406	142,313	128,872	132,104	131,982	130,704	133,266	133,266	132,579	133,187	133,438
Nebraska .....	314,516	270,524	254,754	261,767	263,800	264,810	266,536	269,590	271,468	285,837	288,023	292,297	296,753
Nevada .....	113,421	134,995	173,149	305,067	395,536	395,355	406,792	405,097	406,965	411,919	419,638	428,067	434,102
New Hampshire .....	140,203	154,187	154,915	200,283	198,004	195,383	192,890	191,969	188,913	185,947	189,571	181,193	179,730
New Jersey .....	1,322,124	1,140,111	997,561	1,222,438	1,348,279	1,340,220	1,342,419	1,343,405	1,339,012	1,340,367	1,336,336	1,334,583	1,347,085
New Mexico .....	259,997	253,453	290,245	323,963	327,244	326,034	327,562	331,152	334,272	335,165	335,773	334,150	334,609
New York .....	3,099,192	2,530,289	2,244,110	2,595,070	2,542,259	2,520,932	2,510,519	2,516,922	2,513,770	2,512,327	2,500,382	2,498,180	2,497,078
North Carolina .....	1,104,295	1,072,150	1,012,274	1,185,737	1,343,357	1,364,608	1,374,267	1,366,164	1,377,899	1,393,621	1,400,981	1,417,740	1,428,903
North Dakota .....	141,961	118,986	109,659	105,123	91,078	91,972	91,816	91,114	92,440	94,310	97,135	99,380	101,334
Ohio .....	2,246,282	1,849,283	1,584,735	1,659,903	1,691,206	1,660,981	1,628,515	1,609,008	1,601,188	1,605,571	1,587,878	1,583,866	1,646,831
Oklahoma .....	560,993	548,065	543,170	586,266	596,172	596,450	603,375	610,019	616,775	624,410	630,766	639,376	644,034
Oregon .....	436,736	418,593	419,771	479,321	516,258	515,834	518,119	515,644	517,373	518,896	520,326	525,879	525,668
Pennsylvania .....	2,169,225	1,808,630	1,524,839	1,684,913	1,701,044	1,693,569	1,680,772	1,661,990	1,668,916	1,659,616	1,649,205	1,640,755	1,630,013
Rhode Island .....	163,205	139,195	125,934	144,422	138,993	134,737	131,963	131,538	131,494	131,379	131,056	130,705	130,747
South Carolina .....	600,292	569,612	569,029	624,456	652,803	656,996	662,231	664,136	664,133	673,850	681,402	688,327	697,021
South Dakota .....	158,543	124,934	119,823	122,252	114,863	114,723	114,209	115,242	119,449	120,950	123,220	123,988	125,671
Tennessee .....	836,010	806,696	761,766	844,878	889,312	891,430	895,335	896,130	899,382	903,695	910,540	912,575	914,854
Texas .....	2,432,420	2,608,817	3,075,333	3,706,550	4,255,963	4,322,975	4,393,893	4,473,236	4,551,084	4,634,133	4,699,372	4,780,788	4,855,323
Utah .....	287,405	312,813	408,917	448,096	488,514	503,562	513,884	528,608	540,683	556,885	561,680	572,091	581,819
Vermont .....	97,772	95,045	87,832	98,894	91,437	89,880	87,931	86,378	85,501	85,184	84,326	84,187	82,792
Virginia .....	995,580	955,105	989,197	1,195,123	1,142,342	1,150,316	1,154,689	1,159,105	1,165,907	1,177,274	1,180,497	1,191,090	1,217,977
Washington .....	764,735	710,929	755,141	925,696	947,857	947,791	953,719	960,084	965,191	964,255	968,149	974,361	984,754
West Virginia .....	372,278	353,264	301,947	273,277	272,045	267,989	269,623	268,872	270,961	273,355	273,305	270,744	259,951
Wisconsin .....	880,609	770,554	711,466	825,699	835,072	823,754	823,595	817,284	825,622	825,949	829,261	829,249	822,319
Wyoming .....	81,293	89,471	91,277	86,092	79,090	79,788	81,006	80,717	81,654	83,131	83,983	85,439	86,531
<b>Other jurisdictions</b>													
American Samoa ....	—	—	11,448	15,102	14,606	14,646	14,646	14,403	15,451	15,541	13,355	13,028	12,439
Guam .....	20,315	—	23,883	—	29,515	28,358	28,521	28,075	28,765	28,735	29,591	28,932	29,022
Northern Marianas ..	—	—	6,809	8,712	10,277	9,927	9,815	9,900	9,965	9,731	9,564	9,545	9,436
Puerto Rico .....	—	656,709	597,436	540,676	531,273	494,880	477,918	466,483	411,164	429,799	422,560	397,960	404,611
U.S. Virgin Islands ...	—	—	18,924	18,676	14,927	15,903	15,768	15,493	15,747	15,711	15,192	12,178	10,684

—Not available.

<sup>1</sup>Data for California for 1989–90 and earlier years are not strictly comparable with those for other states because California's attendance figures included excused absences.

<sup>2</sup>Excludes average daily attendance for regional occupational programs and summer school programs that were reported in prior years.

NOTE: Some data have been revised from previously published figures.

SOURCE: U.S. Department of Education, National Center for Education Statistics, *Statistics of State School Systems, 1969–70; Revenues and Expenditures for Public Elementary and Secondary Education, 1979–80; and Common Core of Data (CCD)*. "National Public Education Financial Survey," 1989–90 through 2014–15. (This table was prepared January 2018.)

**Table 203.90. Average daily attendance (ADA) as a percentage of total enrollment, school day length, and school year length in public schools, by school level and state: 2007–08 and 2011–12**

[Standard errors appear in parentheses]

State	2007–08		2011–12							
	ADA as percent of enrollment	Average hours in school day	Total elementary, secondary, and combined elementary/secondary schools				Elementary schools		Secondary schools	
			ADA as percent of enrollment	Average hours in school day	Average days in school year	Average hours in school year	ADA as percent of enrollment	Average hours in school day	ADA as percent of enrollment	Average hours in school day
1	2	3	4	5	6	7	8	9	10	11
<b>United States</b> .....	<b>93.1 (0.22)</b>	<b>6.6 (0.02)</b>	<b>93.9 (0.12)</b>	<b>6.7 (0.01)</b>	<b>179 (0.1)</b>	<b>1,203 (2.0)</b>	<b>94.9 (0.12)</b>	<b>6.7 (0.01)</b>	<b>91.7 (0.34)</b>	<b>6.9 (0.02)</b>
Alabama .....	93.8 (1.24)	7.0 (0.07)	94.4 (0.94)	7.0 (0.04)	181 (0.8)	1,271 (8.5)	95.3 (0.92)	7.1 (0.04)	94.6 (0.65)	6.9 (0.13)
Alaska .....	89.9 (1.22)	6.5 (0.05)	91.4 (1.19)	6.7 (0.17)	177 (1.3)	1,183 (37.3)	†	†	†	†
Arizona .....	89.0 (2.95)	6.4 (0.09)	91.7 (0.99)	6.7 (0.08)	179 (1.3)	1,201 (12.5)	93.5 (0.53)	6.9 (0.06)	87.9 (2.40)	6.5 (0.26)
Arkansas .....	91.8 (1.35)	6.9 (0.06)	94.2 (0.58)	7.0 (0.07)	180 (0.5)	1,261 (14.1)	94.7 (0.36)	7.0 (0.08)	92.9 (1.93)	6.9 (0.14)
California .....	93.2 (0.71)	6.2 (0.07)	93.1 (0.46)	6.2 (0.05)	180 (0.3)	1,121 (9.0)	94.7 (0.51)	6.3 (0.06)	89.7 (1.08)	6.3 (0.08)
Colorado .....	93.9 (0.44)	7.0 (0.05)	93.1 (0.71)	7.1 (0.06)	172 (1.4)	1,215 (7.7)	94.6 (0.59)	7.0 (0.07)	88.0 (2.57)	7.1 (0.10)
Connecticut .....	87.9 (2.98)	6.5 (0.09)	94.9 (0.47)	6.6 (0.04)	181 (0.1)	1,201 (7.5)	95.4 (0.61)	6.6 (0.05)	94.3 (0.33)	6.7 (0.09)
Delaware .....	89.8 (1.75)	6.7 (0.09)	93.5 (0.50)	7.0 (0.10)	182 (1.2)	1,269 (23.7)	94.1 (0.50)	7.0 (0.12)	93.8 (0.71)	7.0 (0.09)
District of Columbia .....	91.2 (1.27)	6.9 (0.21)	†	†	†	†	†	†	†	†
Florida .....	92.7 (0.74)	6.4 (0.08)	93.2 (0.52)	6.6 (0.06)	181 (1.2)	1,193 (14.2)	94.3 (0.49)	6.6 (0.08)	90.7 (0.84)	6.7 (0.09)
Georgia .....	93.3 (1.28)	6.8 (0.06)	94.3 (0.53)	7.0 (0.04)	178 (0.4)	1,242 (8.5)	95.0 (0.59)	6.9 (0.05)	†	†
Hawaii .....	90.7 (4.58)	6.3 (0.10)	†	†	†	†	†	†	†	†
Idaho .....	92.4 (2.27)	6.6 (0.09)	94.1 (1.01)	6.7 (0.13)	166 (5.1)	1,110 (21.7)	94.4 (0.75)	6.7 (0.08)	93.1 (0.83)	6.7 (0.20)
Illinois .....	94.0 (0.71)	6.5 (0.05)	94.1 (0.40)	6.5 (0.04)	176 (0.4)	1,151 (7.7)	95.1 (0.29)	6.5 (0.05)	92.4 (1.29)	6.8 (0.08)
Indiana .....	95.7 (0.51)	6.8 (0.06)	95.9 (0.20)	6.8 (0.05)	180 (0.1)	1,226 (9.1)	96.1 (0.25)	6.7 (0.05)	95.5 (0.31)	7.0 (0.07)
Iowa .....	94.8 (0.65)	6.9 (0.09)	95.7 (0.36)	6.7 (0.12)	180 (0.2)	1,213 (21.8)	96.4 (0.21)	6.9 (0.05)	93.6 (1.39)	6.3 (0.47)
Kansas .....	95.4 (0.52)	7.0 (0.07)	94.9 (0.42)	7.0 (0.03)	177 (2.6)	1,245 (17.9)	95.5 (0.53)	7.0 (0.04)	94.0 (0.42)	7.1 (0.04)
Kentucky .....	93.1 (1.89)	6.7 (0.06)	93.2 (1.33)	6.8 (0.06)	179 (1.0)	1,211 (11.6)	95.9 (0.22)	6.8 (0.07)	87.0 (4.87)	6.8 (0.14)
Louisiana .....	90.3 (2.31)	7.1 (0.08)	92.8 (0.70)	7.2 (0.07)	178 (1.1)	1,283 (10.7)	93.0 (0.88)	7.3 (0.07)	93.5 (0.42)	7.1 (0.14)
Maine .....	90.3 (2.41)	6.5 (0.06)	94.2 (0.73)	6.6 (0.06)	176 (0.2)	1,156 (10.7)	94.4 (1.00)	6.6 (0.07)	93.8 (0.45)	6.3 (0.08)
Maryland .....	94.1 (0.44)	6.6 (0.07)	†	†	†	†	†	†	†	†
Massachusetts .....	94.6 (0.58)	6.5 (0.05)	93.5 (0.62)	6.4 (0.07)	180 (0.2)	1,157 (13.3)	94.4 (0.63)	6.4 (0.07)	90.3 (2.55)	6.6 (0.05)
Michigan .....	93.0 (1.01)	6.6 (0.08)	91.6 (0.71)	6.8 (0.03)	177 (0.5)	1,196 (5.9)	92.3 (0.99)	6.8 (0.03)	89.4 (1.28)	6.7 (0.07)
Minnesota .....	93.1 (0.91)	6.3 (0.12)	93.1 (0.49)	6.4 (0.08)	173 (1.3)	1,111 (14.0)	96.1 (0.19)	6.6 (0.07)	89.5 (1.21)	6.0 (0.20)
Mississippi .....	92.1 (2.00)	7.0 (0.12)	94.4 (0.47)	7.2 (0.09)	181 (0.4)	1,312 (16.4)	94.9 (0.57)	7.3 (0.06)	93.7 (0.86)	7.2 (0.24)
Missouri .....	94.8 (0.26)	6.7 (0.05)	95.1 (0.20)	6.9 (0.03)	175 (0.3)	1,197 (5.3)	95.6 (0.24)	6.9 (0.04)	94.3 (0.24)	6.8 (0.11)
Montana .....	91.3 (1.39)	6.8 (0.05)	93.9 (0.81)	6.6 (0.06)	179 (0.4)	1,189 (11.2)	94.3 (0.79)	6.6 (0.09)	93.0 (0.48)	6.7 (0.08)
Nebraska .....	94.9 (1.21)	6.9 (0.08)	94.8 (0.60)	7.1 (0.05)	177 (1.0)	1,257 (9.6)	96.0 (0.53)	7.1 (0.04)	94.5 (0.66)	6.8 (0.19)
Nevada .....	93.5 (1.27)	6.3 (0.06)	93.9 (0.39)	6.5 (0.07)	180 (1.1)	1,164 (10.9)	94.5 (0.30)	6.4 (0.10)	93.9 (0.70)	6.5 (0.07)
New Hampshire .....	92.2 (1.75)	6.5 (0.06)	91.1 (2.86)	6.6 (0.05)	180 (0.3)	1,181 (10.3)	95.9 (0.45)	6.5 (0.07)	75.1 (12.63)	6.7 (0.05)
New Jersey .....	94.6 (0.59)	6.4 (0.05)	93.5 (1.13)	6.6 (0.06)	181 (0.2)	1,201 (11.8)	93.7 (1.40)	6.6 (0.07)	92.6 (1.29)	6.7 (0.07)
New Mexico .....	91.9 (1.76)	6.8 (0.08)	92.8 (0.80)	6.9 (0.09)	177 (0.6)	1,216 (15.7)	93.8 (0.80)	6.7 (0.08)	88.5 (2.41)	7.1 (0.14)
New York .....	92.7 (1.30)	6.6 (0.09)	92.7 (0.94)	6.6 (0.06)	182 (0.2)	1,206 (10.6)	93.6 (1.28)	6.6 (0.07)	90.0 (1.32)	6.8 (0.07)
North Carolina .....	92.6 (1.73)	6.7 (0.06)	94.7 (0.37)	6.9 (0.04)	181 (0.2)	1,240 (7.4)	95.2 (0.23)	6.8 (0.04)	†	†
North Dakota .....	95.9 (0.59)	6.6 (0.04)	95.2 (0.46)	6.5 (0.06)	177 (0.3)	1,159 (10.0)	96.4 (0.35)	6.4 (0.08)	95.5 (0.45)	6.6 (0.14)
Ohio .....	91.8 (2.01)	6.6 (0.10)	93.8 (0.48)	6.6 (0.03)	180 (0.5)	1,191 (6.2)	95.0 (0.30)	6.6 (0.04)	91.0 (1.45)	6.7 (0.07)
Oklahoma .....	92.1 (2.24)	6.6 (0.06)	94.4 (0.32)	6.7 (0.04)	174 (0.7)	1,176 (8.6)	94.9 (0.38)	6.7 (0.04)	93.3 (0.74)	6.8 (0.10)
Oregon .....	94.4 (0.59)	6.6 (0.06)	94.2 (0.40)	6.6 (0.05)	170 (0.9)	1,118 (7.9)	95.1 (0.29)	6.5 (0.06)	91.1 (1.41)	6.7 (0.06)
Pennsylvania .....	94.9 (0.39)	6.4 (0.12)	94.4 (0.29)	6.7 (0.05)	181 (0.3)	1,212 (9.5)	94.9 (0.38)	6.7 (0.06)	92.9 (0.56)	6.9 (0.14)
Rhode Island .....	93.7 (1.27)	6.3 (0.03)	94.6 (0.36)	6.4 (0.05)	180 (0.1)	1,150 (8.2)	95.1 (0.38)	6.3 (0.05)	†	†
South Carolina .....	94.9 (0.71)	6.9 (0.07)	95.6 (0.26)	7.0 (0.04)	181 (0.4)	1,263 (7.3)	96.2 (0.27)	6.9 (0.05)	93.9 (0.84)	7.1 (0.05)
South Dakota .....	93.6 (2.53)	6.8 (0.08)	96.1 (0.24)	7.0 (0.07)	170 (1.1)	1,180 (6.7)	96.7 (0.30)	6.9 (0.08)	93.6 (0.53)	6.9 (0.17)
Tennessee .....	94.9 (0.23)	7.0 (0.05)	94.6 (0.30)	7.1 (0.03)	179 (0.4)	1,272 (7.8)	95.0 (0.28)	7.1 (0.04)	94.2 (0.45)	7.0 (0.02)
Texas .....	94.1 (1.34)	7.2 (0.11)	95.2 (0.43)	7.3 (0.04)	179 (0.7)	1,297 (8.8)	95.9 (0.41)	7.3 (0.03)	94.8 (0.29)	7.3 (0.06)
Utah .....	91.4 (1.56)	6.3 (0.29)	93.3 (0.80)	6.5 (0.08)	179 (0.3)	1,165 (13.5)	94.4 (0.80)	6.5 (0.08)	93.6 (0.74)	6.6 (0.09)
Vermont .....	92.7 (3.39)	6.7 (0.07)	94.0 (0.95)	6.7 (0.04)	178 (0.3)	1,183 (7.2)	93.7 (1.30)	6.8 (0.04)	94.7 (0.35)	6.2 (0.12)
Virginia .....	94.7 (0.46)	6.6 (0.05)	95.0 (0.32)	6.6 (0.03)	185 (3.4)	1,222 (18.8)	95.8 (0.32)	6.7 (0.03)	93.3 (0.65)	6.6 (0.10)
Washington .....	82.9 (3.06)	6.2 (0.08)	92.2 (0.67)	6.3 (0.06)	179 (0.3)	1,129 (11.3)	94.3 (0.55)	6.4 (0.04)	88.0 (2.00)	6.1 (0.19)
West Virginia .....	94.0 (0.99)	6.9 (0.07)	94.9 (0.46)	7.0 (0.05)	181 (0.4)	1,272 (9.8)	96.2 (0.27)	7.0 (0.07)	89.8 (1.98)	7.3 (0.09)
Wisconsin .....	95.0 (0.57)	6.9 (0.04)	94.9 (0.31)	6.9 (0.11)	179 (0.2)	1,234 (19.2)	95.7 (0.21)	7.0 (0.03)	91.9 (1.08)	7.0 (0.12)
Wyoming .....	92.4 (1.15)	6.9 (0.05)	93.6 (0.81)	7.0 (0.04)	174 (0.5)	1,209 (6.5)	94.8 (0.78)	6.9 (0.05)	89.9 (2.19)	7.0 (0.08)

†Not applicable.

‡Reporting standards not met. Either the response rate is under 50 percent or there are too few cases for a reliable estimate.

NOTE: Averages reflect data reported by schools rather than state requirements. School-reported length of day may exceed state requirements, and there is a range of statistical error in reported estimates.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Schools and Staffing Survey (SASS), "Public School Data File," 2007–08 and 2011–12. (This table was prepared May 2013.)

**Table 204.10. Number and percentage of public school students eligible for free or reduced-price lunch, by state: Selected years, 2000–01 through 2015–16**

State	Number of students				Number of students eligible for free/reduced-price lunch				Percent of students eligible for free/reduced-price lunch			
	2000–01	2010–11	2014–15	2015–16	2000–01	2010–11	2014–15	2015–16	2000–01	2010–11	2014–15	2015–16
1	2	3	4	5	6	7	8	9	10	11	12	13
<b>United States</b> .....	<b>46,579,068<sup>1</sup></b>	<b>48,941,267</b>	<b>49,864,608</b>	<b>49,753,676</b>	<b>17,839,867<sup>1</sup></b>	<b>23,544,479</b>	<b>25,826,297</b>	<b>25,900,186<sup>1</sup></b>	<b>38.3<sup>1</sup></b>	<b>48.1</b>	<b>51.8</b>	<b>52.1<sup>1</sup></b>
Alabama .....	728,351	730,427	743,655	742,919	335,143	402,386	384,985	379,554	46.0	55.1	51.8	51.1
Alaska .....	105,333	132,104	131,158	132,466	32,468	50,701	56,566	56,625	30.8	38.4	43.1	42.7
Arizona .....	877,696 <sup>2</sup>	1,067,210	1,003,956	973,369	274,277 <sup>2</sup>	482,044	431,924	488,182	31.2 <sup>2</sup>	45.2	43.0	50.2
Arkansas .....	449,959	482,114	490,917	491,485	205,058	291,608	305,657	312,477	45.6	60.5	62.3	63.6
California .....	6,050,753	6,169,427	6,222,265	6,208,436	2,820,611	3,335,885	3,651,095	3,657,497	46.6	54.1	58.7	58.9
Colorado .....	724,349	842,864	888,721	899,008	195,148	336,426	369,738	376,162	26.9	39.9	41.6	41.8
Connecticut .....	562,179 <sup>2</sup>	552,919	542,412	537,536	143,030 <sup>2</sup>	190,554	204,521	203,774	25.4 <sup>2</sup>	34.5	37.7	37.9
Delaware .....	114,676	128,342	133,835	133,792	37,766	61,564	49,598	50,459	32.9	48.0	37.1	37.7
District of Columbia .....	68,380	71,263	80,907	83,009	47,839	52,027	74,760	63,402	70.0	73.0	92.4	76.4
Florida .....	2,434,755	2,641,555	2,755,825	2,791,193	1,079,009	1,479,519	1,609,398	1,640,217	44.3	56.0	58.4	58.8
Georgia .....	1,444,937	1,676,419	1,744,327	1,756,599	624,511	961,954	1,088,688	1,096,426	43.2	57.4	62.4	62.4
Hawaii .....	184,357	179,601	182,384	181,991	80,657	84,106	91,385	90,298	43.8	46.8	50.1	49.6
Idaho .....	244,755	275,815	290,860	292,233	85,824	124,104	141,199	137,145	35.1	45.0	48.5	46.9
Illinois .....	2,048,792 <sup>2</sup>	1,973,401	2,041,615	2,018,688	759,973 <sup>2</sup>	921,471	1,104,382	1,006,936	37.1 <sup>2</sup>	46.7	54.1	49.9
Indiana .....	977,219	1,038,817	1,044,411	1,045,235	285,267	485,728	513,987	504,787	29.2	46.8	49.2	48.3
Iowa .....	492,021	484,856	496,848	500,102	131,553	188,486	202,288	207,129	26.7	38.9	40.7	41.4
Kansas .....	462,594	479,953	490,859	488,568	154,693	228,852	244,715	240,209	33.4	47.7	49.9	49.2
Kentucky .....	626,723	673,128	688,586	686,113	298,334	380,773	391,714	407,754	47.6	56.6	56.9	59.4
Louisiana .....	741,162	695,772	716,796	683,839	433,068	460,546	455,884	419,284	58.4	66.2	63.6	61.3
Maine .....	198,532	183,477	177,278	176,400	60,162	78,915	83,544	81,172	30.3	43.0	47.1	46.0
Maryland .....	852,911	852,202	874,500	879,580	255,872	341,557	393,773	395,834	30.0	40.1	45.0	45.0
Massachusetts .....	979,590	955,301	955,840	953,423	237,871	326,849	381,601	380,636 <sup>3</sup>	24.3	34.2	39.9	39.9 <sup>3</sup>
Michigan .....	1,703,260	1,551,861	1,491,721	1,484,270	504,044	719,800	695,328	684,945	29.6	46.4	46.6	46.1
Minnesota .....	854,154	837,930	856,895	863,719	218,867	306,136	328,531	329,124	25.6	36.5	38.3	38.1
Mississippi .....	497,421	489,462	490,917	487,195	319,670	345,734	361,714	365,109	64.3	70.6	73.7	74.9
Missouri .....	912,247	902,375	918,090	917,862	315,608	406,358	470,927	460,004	34.6	45.0	51.3	50.1
Montana .....	154,438	140,497	144,373	140,868	47,415	57,836	63,014	65,095	30.7	41.2	43.6	46.2
Nebraska .....	286,138	298,276	312,600	316,009	87,045	127,114	138,379	139,569	30.4	42.6	44.3	44.2
Nevada .....	282,621	436,840	458,371	455,144	92,978	219,904	239,865	267,801	32.9	50.3	52.3	58.8
New Hampshire .....	206,919	194,001	183,597	181,307	31,212	48,904	53,232	51,343	15.1	25.2	29.0	28.3
New Jersey .....	1,312,983	1,356,882	1,368,423	1,368,639	357,728	444,735	502,980	514,386	27.2	32.8	36.8	37.6
New Mexico .....	320,303	335,810	338,108	334,061	174,939	227,077	211,610	239,540	54.6	67.6	62.6	71.7
New York .....	2,859,927	2,722,761	2,719,683	2,660,164	1,236,945	1,315,564	1,384,233	1,316,954	43.3	48.3	50.9	49.5
North Carolina .....	1,194,371	1,487,699	1,535,440	1,544,677	470,316	747,978	878,771	885,934	39.4	50.3	57.2	57.4
North Dakota .....	109,201	94,273	104,327	106,358	31,840	29,929	30,429	31,764	29.2	31.7	29.2	29.9
Ohio .....	1,745,237	1,747,851	1,723,450	1,707,833	494,829	745,121	776,616	766,460	28.4	42.6	45.1	44.9
Oklahoma .....	623,110	659,376	680,176	682,309	300,179	398,917	413,971	424,665	48.2	60.5	60.9	62.2
Oregon .....	535,617	553,468	543,924	549,322	186,203	280,174	287,720	282,506	34.8	50.6	52.9	51.4
Pennsylvania .....	1,798,977	1,742,608	1,723,315	1,665,328	510,121	686,641	786,304	802,045	28.4	39.4	45.6	48.2
Rhode Island .....	157,347	142,575	140,364	140,427	52,209	61,127	65,641	65,995	33.2	42.9	46.8	47.0
South Carolina .....	677,411	722,203	754,108	763,483	320,254	395,033	421,291	458,287	47.3	54.7	55.9	60.0
South Dakota .....	128,598	125,883	132,655	133,746	37,857	46,718	52,455	55,715	29.4	37.1	39.5	41.7
Tennessee .....	909,161 <sup>2</sup>	987,078	994,203	974,752	436,298 <sup>2</sup>	542,953	555,693	573,256	48.0 <sup>2</sup>	55.0	55.9	58.8
Texas .....	4,059,353	4,916,401	5,233,238	5,300,136	1,823,029	2,471,212	3,074,591	3,123,844	44.9	50.3	58.8	58.9
Utah .....	470,265	585,552	635,539	647,843	135,428	223,943	234,642	235,644	28.8	38.2	36.9	36.4
Vermont .....	102,049	85,144	84,403	84,355	23,986	31,339	32,979	32,354	23.5	36.8	39.1	38.4
Virginia .....	1,067,710	1,250,206	1,280,345	1,271,067	320,233	458,879	514,785	523,972	30.0	36.7	40.2	41.2
Washington .....	1,004,770 <sup>2</sup>	1,043,466	1,073,536	1,086,805	326,295 <sup>2</sup>	418,065	493,292	493,019	32.5 <sup>2</sup>	40.1	46.0	45.4
West Virginia .....	286,285	282,879	280,309	277,445	143,446	145,605	129,309	137,177	50.1	51.5	46.1	49.4
Wisconsin .....	859,276	872,164	870,436	857,907	219,276	342,660	361,200	342,247	25.5	39.3	41.5	39.9
Wyoming .....	89,895	88,779	94,037	94,681	43,483	32,968	35,393	35,473	48.4	37.1	37.6	37.5

<sup>1</sup>U.S. total includes imputation for nonreporting states.

<sup>2</sup>Imputation for survey nonresponse. State-level imputations for 2000–01 were based on the reported percentages for 2001–02 applied to the 2000–01 enrollments.

<sup>3</sup>Imputation for survey nonresponse. State-level imputations for 2015–16 were based on the reported percentages for 2014–15 applied to the 2015–16 enrollments.

NOTE: Table reflects counts of students enrolled in all schools for which both enrollment data and free/reduced-price lunch eligibility data were reported.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Common Core of Data (CCD), "Public Elementary/Secondary School Universe Survey," 2000–01, 2010–11, 2014–15, and 2015–16. (This table was prepared June 2018.)

**Table 204.20. English language learner (ELL) students enrolled in public elementary and secondary schools, by state: Selected years, fall 2000 through fall 2015**

State	Number of ELL students							Number of ELL students as a percent of total enrollment						
	2000	2005	2010	2012	2013	2014	2015	2000	2005	2010	2012	2013	2014	2015
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
<b>United States</b> ...	<b>3,793,764<sup>1</sup></b>	<b>4,471,300<sup>1</sup></b>	<b>4,455,860<sup>1</sup></b>	<b>4,494,418<sup>1</sup></b>	<b>4,568,197<sup>1</sup></b>	<b>4,670,356</b>	<b>4,794,994</b>	<b>8.1<sup>1</sup></b>	<b>9.2<sup>1</sup></b>	<b>9.0<sup>1</sup></b>	<b>9.0<sup>1</sup></b>	<b>9.2<sup>1</sup></b>	<b>9.3</b>	<b>9.5</b>
Alabama .....	7,226	16,550	17,559	17,893 <sup>2</sup>	17,457	18,651	20,228	1.0	2.3	2.4	2.4 <sup>2</sup>	2.3	2.5	2.7
Alaska .....	19,337	20,743	14,963	14,862	14,945	15,089	15,203	14.5	15.4	11.3	11.3	11.4	11.5	11.5
Arizona .....	131,933	174,856	76,320	64,561	69,636	67,389	67,195	15.0	18.2	7.3	5.9	6.3	6.1	6.1
Arkansas .....	11,850	20,709	31,537	33,889	35,961	37,799	38,376	2.6	4.6	6.8	7.0	7.3	7.7	7.8
California .....	1,479,819	1,571,463	1,474,250 <sup>3</sup>	1,412,437	1,413,167	1,392,295	1,307,804	24.5	25.2	23.3 <sup>3</sup>	22.7	22.7	22.3	21.0
Colorado .....	60,852	99,797	99,804	103,942	107,742	104,979	104,289	8.4	13.3	13.0	12.0	12.3	11.8	11.6
Connecticut .....	20,499	29,789	30,428	30,958	31,301	34,855	35,064	3.6	5.2	5.3	5.6	5.7	6.4	6.5
Delaware .....	2,081	5,919	6,858	7,486	8,212	8,482	9,704	1.8	5.1	5.8	5.8	6.2	6.3	7.2
District of Columbia ..	8,594	5,001	5,261	6,646	7,331	7,330	6,215	12.5	6.6	6.9	8.7	9.4	9.1	7.4
Florida .....	187,566	221,705	229,758	242,253	250,430	252,318	268,189	7.7	8.7	8.7	9.0	9.2	9.2	9.6
Georgia .....	54,444	86,615	81,409	87,159	90,563	97,768	112,006	3.8	5.8	5.2	5.1	5.3	5.6	6.4
Hawaii .....	12,718	18,106	19,092	16,474	15,949	14,425	13,619	6.9	9.8	10.4	8.9	8.5	7.9	7.5
Idaho .....	18,097	18,184	15,393	16,726	13,251	12,755	13,492	7.4	7.3	6.0	5.9	4.5	4.4	4.6
Illinois .....	126,475	172,049 <sup>2</sup>	174,340	191,742	191,209	210,221	194,040	6.2	8.3 <sup>2</sup>	8.3	9.3	9.3	10.3	9.5
Indiana .....	30,953	56,510	49,573	52,184	55,955	57,839	50,717	3.1	5.6	4.9	5.0	5.3	5.5	4.8
Iowa .....	11,253	15,156	21,733	21,839	23,137	25,875	27,300	2.3	3.1	4.5	4.4	4.6	5.1	5.4
Kansas .....	14,878	24,671	39,323	42,590	45,530	47,209	52,789	3.2	5.2	8.4	8.7	9.4	9.5	10.6
Kentucky .....	4,030	10,138	16,351	18,769	19,602	20,716	22,067	0.6	1.5	2.4	2.7	2.9	3.0	3.2
Louisiana .....	10,293	12,006	11,698	13,636	15,037	18,665	23,924	1.4	1.6	1.6	1.9	2.1	2.6	3.3
Maine .....	2,410 <sup>2</sup>	3,353	4,792	4,980	5,201	5,177	5,091	1.1 <sup>2</sup>	1.6	2.4	2.7	2.8	2.8	2.8
Maryland .....	24,213	31,416	45,500	55,343	56,047	60,705	63,349	2.8	3.6	5.3	6.4	6.5	6.9	7.2
Massachusetts .....	49,077	51,618	54,988	67,438	70,883	75,531	82,779	5.0	5.3	5.6	7.1	7.4	7.9	8.6
Michigan .....	49,279 <sup>2</sup>	65,419	56,474	64,147	72,811	81,678	89,597	2.9 <sup>2</sup>	3.7	3.2	4.1	4.7	5.3	5.8
Minnesota .....	44,360	57,831	48,428	58,698	64,377	66,934	71,162	5.2	6.8	5.8	6.9	7.6	7.8	8.2
Mississippi .....	2,176	2,859	5,620	8,485	6,574	7,773	9,588	0.4	0.6	1.1	1.7	1.3	1.6	2.0
Missouri .....	10,238	18,745	21,918	26,029	27,355	29,144	29,690	1.1	2.0	2.4	2.8	3.0	3.2	3.2
Montana .....	7,713 <sup>2</sup>	6,711	3,300	3,750	3,311	3,299	3,202	5.0 <sup>2</sup>	4.5	2.2	2.6	2.3	2.3	2.2
Nebraska .....	11,276	17,449	20,077	16,898	15,418	17,528	20,900	3.9	6.1	7.0	5.6	5.0	5.6	6.6
Nevada .....	38,301 <sup>2</sup>	63,856	83,352	68,343	68,053	75,282	78,416	11.2 <sup>2</sup>	17.3	20.8	15.3	15.1	16.4	16.8
New Hampshire .....	2,728	2,876 <sup>2</sup>	3,965	3,714	3,513	3,605	4,116	1.3	1.4 <sup>2</sup>	1.9	2.0	1.9	2.0	2.3
New Jersey .....	55,463 <sup>2</sup>	50,515	52,771	58,349	61,151	66,748	68,725	4.2 <sup>2</sup>	3.7	3.8	4.3	4.5	4.8	4.9
New Mexico .....	68,679	62,682	52,557	52,593	51,095	48,906	52,821	21.4	19.6	16.1	15.5	15.1	14.4	15.7
New York .....	230,625	194,123	208,125	197,479 <sup>3</sup>	184,562 <sup>3</sup>	187,445	216,378	8.0	6.7	7.3	7.3 <sup>3</sup>	6.8 <sup>3</sup>	6.8	8.0
North Carolina .....	44,165	73,634	103,249	98,345	94,810	94,093	102,090	3.4	5.5	7.5	6.5	6.3	6.1	6.6
North Dakota .....	925 <sup>2</sup>	2,213 <sup>2</sup>	2,788	2,667	2,749	3,111	3,171	0.8 <sup>2</sup>	2.1 <sup>2</sup>	2.8	2.7	2.7	3.0	3.0
Ohio .....	25,658 <sup>2</sup>	29,804	37,116	39,870	43,502	46,766	51,441	1.4 <sup>2</sup>	1.6	2.0	2.3	2.5	2.7	3.0
Oklahoma .....	38,042	47,381	41,812	46,733	48,318	49,102	46,831	6.1	7.6	6.6	6.9	7.1	7.1	6.8
Oregon .....	43,416	64,676	58,946	50,371	49,722	49,485	52,786	7.9	11.7	10.7	8.6	8.6	8.5	9.2
Pennsylvania .....	42,412 <sup>2</sup>	42,795 <sup>2</sup>	47,014	47,355	48,404	51,623	52,624	2.3 <sup>2</sup>	2.4 <sup>2</sup>	2.6	2.7	2.8	3.0	3.1
Rhode Island .....	10,245	7,468	7,655	8,565	9,319	10,066	10,550	6.5	4.7	4.9	6.0	6.6	7.1	7.4
South Carolina .....	5,121	14,388	36,379	41,072	40,340	42,480	42,574	0.8	2.1	5.2	5.6	5.4	5.6	5.6
South Dakota .....	4,270	5,110	4,383	5,004	4,254	4,679	4,598	3.3	4.0	3.5	3.8	3.3	3.5	3.4
Tennessee .....	26,452 <sup>2</sup>	28,251 <sup>2</sup>	29,681	32,331	34,397	36,398	40,637	3.0 <sup>2</sup>	3.1 <sup>2</sup>	3.2	3.3	3.5	3.7	4.1
Texas .....	570,453	711,737	738,663	769,898	798,071	814,945	892,082	14.1	16.7	16.8	15.2	15.5	15.6	16.8
Utah .....	38,998	49,973	42,804	33,161	34,409	38,543	42,815	8.2	10.3	8.7	5.4	5.5	6.1	6.6
Vermont .....	942	1,775	1,510	1,427	1,348	1,439	1,448	0.9	1.8	1.5	1.6	1.5	1.6	1.6
Virginia .....	36,802	72,420	88,033	93,286	94,496	97,871	109,104	3.2	6.2	7.3	7.4	7.4	7.6	8.5
Washington .....	70,431 <sup>2</sup>	75,103	90,282	93,940	99,650	107,197	112,763	7.0 <sup>2</sup>	7.4	8.9	8.9	9.4	10.0	10.4
West Virginia .....	920	1,944	1,788	2,084	1,879	2,707	2,812	0.3	0.7	0.6	0.7	0.7	1.0	1.0
Wisconsin .....	22,542	30,130	43,638	43,284	43,007	42,729	45,669	2.6	3.4	5.0	5.0	4.9	4.9	5.3
Wyoming .....	2,534	3,077	2,602	2,733	2,756	2,707	2,964	2.8	3.6	3.1	3.0	3.0	2.9	3.1

<sup>1</sup>U.S. total includes imputation for nonreporting states.

<sup>2</sup>Imputation for survey nonresponse. State-level imputations were based on the percentages reported by the state for other years applied to the enrollment for the given year.

<sup>3</sup>Data are from U.S. Department of Education, National Center for Education Statistics, EDData file 046, Data Group 123, extracted October 25, 2017, from the EDData Data Warehouse (internal U.S. Department of Education source).

NOTE: Data for 2014 and earlier years include only those ELL students who participated in ELL programs. Starting with 2015, data include all ELL students, regardless of program participation. Counts and percentages in this table are aggregated from data collected at the school district level and may differ from those in tables based on data collected at other levels. Some data have been revised from previously published figures.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Common Core of Data (CCD), "Local Education Agency Universe Survey," 2000-01 through 2015-16. (This table was prepared October 2017.)

**Table 204.27. English language learner (ELL) students enrolled in public elementary and secondary schools, by home language, grade, and selected student characteristics: Selected years, 2008–09 through fall 2015**

Home language, grade, and selected student characteristic	Number of ELL students							Percentage distribution of ELL students							Number of ELL students as a percent of enrollment						
	2008–09 <sup>1</sup>	2009–10 <sup>1</sup>	2011–12 <sup>2</sup>	2012–13	2013–14	Fall 2014	Fall 2015	2008–09 <sup>1</sup>	2009–10 <sup>1</sup>	2011–12 <sup>2</sup>	2012–13	2013–14	Fall 2014	Fall 2015 <sup>2</sup>	2008–09 <sup>1</sup>	2009–10 <sup>1</sup>	2011–12 <sup>2</sup>	2012–13	2013–14	Fall 2014	Fall 2015
<b>Total</b> .....	<b>4,685,746</b>	<b>4,647,016</b>	<b>4,635,185</b>	<b>4,850,293</b>	<b>4,929,989</b>	<b>4,813,693</b>	<b>4,854,285</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>9.7</b>	<b>9.7</b>	<b>9.6</b>	<b>10.0</b>	<b>10.1</b>	<b>9.8</b>	<b>9.9</b>
As a percent of total enrollment																					
<b>30 most commonly reported home languages of ELL students<sup>3</sup></b>																					
Spanish, Castilian .....	3,617,597	3,577,649	3,562,860	3,718,047	3,770,816	3,709,828	3,741,066	77.2	77.0	76.9	76.7	76.5	77.1	77.1	7.5	7.4	7.4	7.7	7.7	7.6	7.6
Arabic .....	65,278	71,228	86,162	97,971	109,170	109,165	114,371	1.4	1.5	1.9	2.0	2.2	2.3	2.4	0.1	0.1	0.2	0.2	0.2	0.2	0.2
Chinese .....	77,240	80,124	96,509	104,799	107,825	104,279	101,347	1.6	1.7	2.1	2.2	2.2	2.1	2.0	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Vietnamese .....	91,607	93,204	89,536	92,560	89,705	85,289	81,157	1.9	2.0	1.9	1.8	1.8	1.7	1.7	0.2	0.2	0.2	0.2	0.2	0.2	0.2
English <sup>4</sup> .....	86,390	77,872	85,246	90,703	91,669	83,230	80,333	1.8	1.7	1.8	1.9	1.7	1.7	1.7	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Somali .....	26,264	27,771	27,861	30,959	34,472	33,712	36,028	0.6	0.6	0.6	0.7	0.7	0.7	0.7	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Hmong .....	52,990	49,697	43,845	41,368	39,860	37,412	34,813	1.1	1.1	0.9	0.9	0.8	0.8	0.7	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Russian .....	34,085	33,349	32,225	33,678	33,821	32,493	33,057	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Haitian, Haitian Creole .....	37,074	39,736	39,883	38,768	37,371	31,428	30,231	0.8	0.9	0.9	0.8	0.8	0.7	0.6	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Tagalog .....	38,849	37,038	32,766	35,395	32,141	28,547	27,277	0.8	0.8	0.7	0.7	0.6	0.6	0.6	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Korean .....	43,169	39,739	33,704	34,874	32,445	28,530	27,268	0.9	0.9	0.7	0.7	0.6	0.6	0.6	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Portuguese .....	18,055	15,229	15,725	17,085	19,142	19,839	23,673	0.4	0.3	0.3	0.4	0.4	0.4	0.5	#	#	#	#	#	#	#
Urdu .....	20,705	21,213	22,219	22,590	22,499	22,294	22,879	0.4	0.5	0.5	0.5	0.5	0.5	0.5	#	#	#	#	#	#	#
French .....	16,525	18,504	18,849	20,018	20,799	20,275	20,664	0.4	0.4	0.4	0.4	0.4	0.4	0.4	#	#	#	#	#	#	#
Japanese .....	16,212	14,582	15,011	16,727	16,591	16,403	16,512	0.3	0.3	0.3	0.3	0.3	0.3	0.3	#	#	#	#	#	#	#
Punjabi, Punjabi .....	14,262	14,331	14,055	15,622	15,842	15,207	15,630	0.3	0.3	0.3	0.3	0.3	0.3	0.3	#	#	#	#	#	#	#
Burmese .....	7,258	9,888	12,321	12,640	13,756	14,382	15,183	0.2	0.2	0.3	0.3	0.3	0.3	0.3	#	#	#	#	#	#	#
Hindi .....	11,112	11,176	11,625	13,042	13,667	13,586	14,750	0.2	0.2	0.3	0.3	0.3	0.3	0.3	#	#	#	#	#	#	#
Bengali .....	10,700	11,913	14,151	15,294	15,681	14,704	14,435	0.2	0.3	0.3	0.3	0.3	0.3	0.3	#	#	#	#	#	#	#
Nepali .....	3,205	6,283	12,200	14,254	15,331	14,446	14,125	0.1	0.1	0.3	0.3	0.3	0.3	0.3	#	#	#	#	#	#	#
Karen languages .....	3,021	4,478	9,576	11,370	12,607	12,585	12,805	0.1	0.1	0.2	0.2	0.3	0.3	0.3	#	#	#	#	#	#	#
Central Khmer .....	14,443	13,465	11,613	11,530	12,584	11,027	10,819	0.3	0.3	0.3	0.2	0.3	0.2	0.2	#	#	#	#	#	#	#
Gujarati .....	9,153	9,491	10,152	10,328	10,463	10,385	10,474	0.2	0.2	0.2	0.2	0.2	0.2	0.2	#	#	#	#	#	#	#
Persian .....	8,784	8,593	8,396	9,666	9,978	9,642	10,345	0.2	0.2	0.2	0.2	0.2	0.2	0.2	#	#	#	#	#	#	#
Polish .....	11,126	9,061	8,981	9,001	9,203	9,968	9,659	0.2	0.2	0.2	0.2	0.2	0.2	0.2	#	#	#	#	#	#	#
Amharic .....	5,838	6,950	7,902	9,147	9,400	9,337	9,609	0.1	0.1	0.2	0.2	0.2	0.2	0.2	#	#	#	#	#	#	#
German .....	9,605	9,898	9,274	9,190	9,642	9,241	8,742	0.2	0.2	0.2	0.2	0.2	0.2	0.2	#	#	#	#	#	#	#
Swahili .....	3,498	4,439	6,011	6,391	7,093	7,065	8,480	0.1	0.1	0.1	0.1	0.1	0.1	0.1	#	#	#	#	#	#	#
Telugu .....	3,486	3,868	5,013	5,716	6,441	7,241	8,466	0.1	0.1	0.1	0.1	0.1	0.2	0.2	#	#	#	#	#	#	#
Filipino, Pilipino .....	5,511	5,801	4,463	6,158	6,701	8,684	8,448	0.1	0.1	0.1	0.1	0.1	0.2	0.2	#	#	#	#	#	#	#
As a percent of enrollment by grade or characteristic																					
<b>Grade</b>																					
Kindergarten .....	629,195	615,615	657,391	667,835	667,665	629,013	606,398	13.4	13.2	14.2	13.8	13.5	13.1	12.5	17.3	16.7	17.5	17.4	17.4	16.7	16.3
Grade 1 .....	621,541	617,599	646,362	665,327	665,612	640,017	621,106	13.3	13.3	13.9	13.7	13.5	13.3	12.8	16.8	16.6	17.1	17.4	17.1	16.6	16.5
Grade 2 .....	583,025	576,336	585,702	609,804	630,475	614,681	614,809	12.4	12.4	12.6	12.6	12.8	12.8	12.7	15.8	15.7	15.8	16.4	16.6	15.9	16.0
Grade 3 .....	495,814	511,545	500,032	540,396	558,925	567,131	564,811	10.6	11.0	10.8	11.1	11.3	11.8	11.6	13.4	13.8	13.5	14.5	15.0	14.9	14.6
Grade 4 .....	406,966	420,145	417,616	428,119	439,529	436,554	461,022	8.7	9.0	9.0	8.8	8.9	9.1	9.5	11.2	11.4	11.4	11.6	11.9	11.7	12.2
Grade 5 .....	333,975	336,194	338,174	367,088	361,651	364,178	372,817	7.1	7.2	7.3	7.6	7.3	7.7	7.7	9.2	9.2	9.1	10.0	9.8	9.8	10.0
Grade 6 .....	288,784	277,971	273,457	288,085	293,778	287,798	305,530	6.2	6.0	5.9	5.9	6.0	6.0	6.3	8.0	7.6	7.3	7.7	8.0	7.8	8.2
Grade 7 .....	263,483	254,830	239,156	255,395	267,416	260,507	267,094	5.6	5.5	5.2	5.3	5.4	5.4	5.5	7.2	7.0	6.5	6.8	7.1	7.0	7.2
Grade 8 .....	237,269	233,332	214,896	227,844	239,817	242,540	245,574	5.1	5.0	4.6	4.7	4.9	5.0	5.1	6.4	6.4	5.8	6.2	6.4	6.5	6.6
Grade 9 .....	268,927	258,728	244,266	255,008	261,364	263,081	269,704	5.7	5.6	5.3	5.3	5.3	5.5	5.6	6.5	6.3	6.2	6.4	6.6	6.5	6.7
Grade 10 .....	218,235	211,691	201,724	202,774	202,377	197,494	214,015	4.7	4.6	4.4	4.2	4.1	4.1	4.4	5.7	5.6	5.4	5.4	5.4	5.2	5.6
Grade 11 .....	172,084	175,544	162,804	170,847	168,437	157,395	162,269	3.7	3.8	3.5	3.5	3.3	3.3	3.3	4.9	5.0	4.6	4.8	4.8	4.4	4.5
Grade 12 .....	142,406	148,173	145,444	159,410	161,227	143,189	138,814	3.0	3.2	3.1	3.3	3.4	3.0	2.9	4.2	4.3	4.2	4.6	4.6	4.1	3.9
Ungraded .....	23,489	8,672	8,118	11,783	11,422	10,114	10,218	0.5	0.2	0.2	0.2	0.2	0.2	0.2	11.5	4.2	6.8	10.0	8.3	7.3	7.5
<b>Race/ethnicity</b>																					
White .....	—	—	—	—	—	283,253	294,763	—	—	—	—	—	5.9	6.1	—	—	—	—	—	1.2	1.2
Black .....	—	—	—	—	—	172,250	178,141	—	—	—	—	—	3.6	3.7	—	—	—	—	—	2.3	2.4
Hispanic .....	—	—	—	—	—	3,745,646	3,772,633	—	—	—	—	—	77.8	77.7	—	—	—	—	—	30.2	29.8
Asian .....	—	—	—	—	—	516,586	511,703	—	—	—	—	—	10.7	10.5	—	—	—	—	—	21.4	20.7
Pacific Islander .....	—	—	—	—	—	26,614	26,992	—	—	—	—	—	0.6	0.6	—	—	—	—	—	15.4	15.6
American Indian/Alaska Native .....	—	—	—	—	—	38,081	38,792	—	—	—	—	—	0.8	0.8	—	—	—	—	—	7.6	7.9
Two or more races .....	—	—	—	—	—	29,527	31,136	—	—	—	—	—	0.6	0.6	—	—	—	—	—	1.9	1.9
<b>Students with disabilities<sup>4</sup></b> .....	—	—																			

**Table 204.30. Children 3 to 21 years old served under Individuals with Disabilities Education Act (IDEA), Part B, by type of disability: Selected years, 1976–77 through 2015–16**

Type of disability	1976–77	1980–81	1990–91	2000–01	2005–06	2006–07	2007–08 <sup>1</sup>	2008–09 <sup>1</sup>	2009–10	2010–11	2011–12	2012–13	2013–14	2014–15	2015–16
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Number served (in thousands)															
<b>All disabilities</b> .....	<b>3,694</b>	<b>4,144</b>	<b>4,710</b>	<b>6,296</b>	<b>6,718</b>	<b>6,687</b>	<b>6,597</b>	<b>6,483</b>	<b>6,481</b>	<b>6,436</b>	<b>6,401</b>	<b>6,429</b>	<b>6,464</b>	<b>6,555</b>	<b>6,677</b>
Autism .....	—	—	—	93	223	258	296	336	378	417	455	498	538	576	617
Deaf-blindness .....	—	3	1	1	2	2	2	2	2	2	2	1	1	1	1
Developmental delay .....	—	—	—	213	339	333	357	354	368	382	393	402	410	419	434
Emotional disturbance .....	283	347	389	480	477	464	442	420	407	390	373	362	354	349	347
Hearing impairment .....	88	79	58	77	79	80	79	78	79	78	78	77	77	76	75
Intellectual disability .....	961	830	534	624	556	534	500	478	463	448	435	430	425	423	425
Multiple disabilities .....	—	68	96	131	141	142	138	130	131	130	132	133	132	132	131
Orthopedic impairment .....	87	58	49	82	71	69	67	70	65	63	61	59	56	52	47
Other health impairment <sup>2</sup> .....	141	98	55	303	570	610	641	659	689	716	743	779	817	862	909
Preschool disabled <sup>3</sup> .....	†	†	390	†	†	†	†	†	†	†	†	†	†	†	†
Specific learning disability .....	796	1,462	2,129	2,860	2,740	2,665	2,569	2,476	2,431	2,361	2,303	2,277	2,264	2,278	2,298
Speech or language impairment .....	1,302	1,168	985	1,388	1,468	1,475	1,454	1,426	1,416	1,396	1,373	1,356	1,334	1,332	1,337
Traumatic brain injury .....	—	—	—	16	24	25	25	26	25	26	26	26	26	26	27
Visual impairment .....	38	31	23	29	29	29	29	29	29	28	28	28	28	28	27
Percentage distribution of children served															
<b>All disabilities</b> .....	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>						
Autism .....	—	—	—	1.5	3.3	3.9	4.5	5.2	5.8	6.5	7.1	7.8	8.3	8.8	9.2
Deaf-blindness .....	—	0.1	#	#	#	#	#	#	#	#	#	#	#	#	#
Developmental delay .....	—	—	—	3.4	5.0	5.0	5.4	5.5	5.7	5.9	6.1	6.2	6.3	6.4	6.5
Emotional disturbance .....	7.7	8.4	8.3	7.6	7.1	6.9	6.7	6.5	6.3	6.1	5.8	5.6	5.5	5.3	5.2
Hearing impairment .....	2.4	1.9	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.1
Intellectual disability .....	26.0	20.0	11.3	9.9	8.3	8.0	7.6	7.4	7.1	7.0	6.8	6.7	6.6	6.4	6.4
Multiple disabilities .....	—	1.6	2.0	2.1	2.1	2.1	2.1	2.0	2.0	2.0	2.1	2.1	2.0	2.0	2.0
Orthopedic impairment .....	2.4	1.4	1.0	1.3	1.1	1.0	1.0	1.1	1.0	1.0	1.0	0.9	0.9	0.8	0.7
Other health impairment <sup>2</sup> .....	3.8	2.4	1.2	4.8	8.5	9.1	9.7	10.2	10.6	11.1	11.6	12.1	12.6	13.2	13.6
Preschool disabled <sup>3</sup> .....	†	†	8.3	†	†	†	†	†	†	†	†	†	†	†	†
Specific learning disability .....	21.5	35.3	45.2	45.4	40.8	39.9	38.9	38.2	37.5	36.7	36.0	35.4	35.0	34.8	34.4
Speech or language impairment .....	35.2	28.2	20.9	22.0	21.8	22.1	22.0	22.0	21.8	21.7	21.4	21.1	20.6	20.3	20.0
Traumatic brain injury .....	—	—	—	0.2	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
Visual impairment .....	1.0	0.7	0.5	0.5	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
Number served as a percent of total enrollment <sup>4</sup>															
<b>All disabilities</b> .....	<b>8.3</b>	<b>10.1</b>	<b>11.4</b>	<b>13.3</b>	<b>13.7</b>	<b>13.6</b>	<b>13.4</b>	<b>13.2</b>	<b>13.1</b>	<b>13.0</b>	<b>12.9</b>	<b>12.9</b>	<b>12.9</b>	<b>13.0</b>	<b>13.2</b>
Autism .....	—	—	—	0.2	0.5	0.5	0.6	0.7	0.8	0.8	0.9	1.0	1.1	1.1	1.2
Deaf-blindness .....	—	#	#	#	#	#	#	#	#	#	#	#	#	#	#
Developmental delay .....	—	—	—	0.5	0.7	0.7	0.7	0.7	0.7	0.8	0.8	0.8	0.8	0.8	0.9
Emotional disturbance .....	0.6	0.8	0.9	1.0	1.0	0.9	0.9	0.9	0.8	0.8	0.8	0.7	0.7	0.7	0.7
Hearing impairment .....	0.2	0.2	0.1	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.1
Intellectual disability .....	2.2	2.0	1.3	1.3	1.1	1.1	1.0	1.0	0.9	0.9	0.9	0.9	0.9	0.8	0.8
Multiple disabilities .....	—	0.2	0.2	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
Orthopedic impairment .....	0.2	0.1	0.1	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Other health impairment <sup>2</sup> .....	0.3	0.2	0.1	0.6	1.2	1.2	1.3	1.3	1.4	1.4	1.5	1.6	1.6	1.7	1.8
Preschool disabled <sup>3</sup> .....	†	†	0.9	†	†	†	†	†	†	†	†	†	†	†	†
Specific learning disability .....	1.8	3.6	5.2	6.1	5.6	5.4	5.2	5.0	4.9	4.8	4.7	4.6	4.5	4.5	4.6
Speech or language impairment .....	2.9	2.9	2.4	2.9	3.0	3.0	2.9	2.9	2.9	2.8	2.8	2.7	2.7	2.6	2.7
Traumatic brain injury .....	—	—	—	#	#	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Visual impairment .....	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1

—Not available.

†Not applicable.

#Rounds to zero.

<sup>1</sup>Data do not include Vermont, for which 2007–08 and 2008–09 data were not available. In 2006–07, the total number of 3- to 21-year-olds served in Vermont was 14,010.

<sup>2</sup>Other health impairments include having limited strength, vitality, or alertness due to chronic or acute health problems such as a heart condition, tuberculosis, rheumatic fever, nephritis, asthma, sickle cell anemia, hemophilia, epilepsy, lead poisoning, leukemia, or diabetes.

<sup>3</sup>For 1990–91, preschool children are not included in the counts by disability condition but are separately reported. For other years, preschool children are included in the counts by disability condition.

<sup>4</sup>Based on the total enrollment in public schools, prekindergarten through 12th grade. For total enrollment in public schools, see table 203.20.

NOTE: Prior to October 1994, children and youth with disabilities were served under Chapter 1 of the Elementary and Secondary Education Act as well as under the Individuals with Disabilities Education Act (IDEA), Part B. Data reported in this table for years prior to 1994–95 include children ages 0–21 served under Chapter 1. Data are for the 50 states and the District of Columbia only. Increases since 1987–88 are due in part to new legislation enacted in fall 1986, which added a mandate for public school special education services for 3- to 5-year-old children with disabilities. Detail may not sum to totals because of rounding. SOURCE: U.S. Department of Education, Office of Special Education Programs, *Annual Report to Congress on the Implementation of the Individuals with Disabilities Education Act*, selected years, 1979 through 2006; and Individuals with Disabilities Education Act (IDEA) database, retrieved July 10, 2017, from <http://www2.ed.gov/programs/osepidea/618-data/state-level-data-files/index.html#bcc>. National Center for Education Statistics, *Statistics of Public Elementary and Secondary School Systems, 1977–78 and 1980–81*; and Common Core of Data (CCD), “State Nonfiscal Survey of Public Elementary/Secondary Education,” 1990–91 through 2015–16. (This table was prepared July 2017.)

**Table 204.40. Children 3 to 21 years old served under Individuals with Disabilities Education Act (IDEA), Part B, by race/ethnicity and age group: 2000–01 through 2015–16**

Age group and year	Total	White	Black	Hispanic	Asian <sup>1</sup>	Pacific Islander	American Indian/ Alaska Native	Two or more races
1	2	3	4	5	6	7	8	9
Number of children served								
<b>3 to 21 years old</b>								
2000–01 .....	6,295,709	3,957,589	1,259,348	877,655	121,044	—	80,073	—
2001–02 .....	6,407,417	3,989,528	1,281,803	928,776	123,434	—	83,876	—
2002–03 .....	6,522,977	4,014,340	1,311,270	980,590	130,252	—	86,525	—
2003–04 .....	6,633,902	4,035,880	1,334,666	1,035,463	137,544	—	90,349	—
2004–05 .....	6,718,630	4,044,491	1,355,550	1,081,697	144,339	—	92,553	—
2005–06 .....	6,712,614	4,003,865	1,346,177	1,119,140	149,954	—	93,478	—
2006–07 .....	6,686,386	3,948,853	1,335,870	1,154,217	153,265	—	94,181	—
2007–08 <sup>2</sup> .....	6,574,368	3,833,922	1,307,462	1,181,130	158,623	—	93,231	—
2008–09 <sup>2</sup> .....	6,461,938	3,725,896	1,273,996	1,200,290	162,630	—	93,672	5,454 <sup>3</sup>
2009–10 .....	6,461,226	3,659,194	1,262,799	1,252,493	167,144	—	92,646	26,950 <sup>3</sup>
2010–11 .....	6,435,141	3,518,169	1,214,849	1,310,031	145,896	19,581	91,258	135,357
2011–12 <sup>4</sup> .....	6,401,238	3,436,105	1,196,679	1,352,435	147,697	19,203	88,665	160,458
2012–13 <sup>4</sup> .....	6,429,331	3,396,135	1,189,148	1,406,540	150,913	20,343	86,884	180,268
2013–14 <sup>4</sup> .....	6,464,096	3,356,261	1,191,817	1,469,282	155,668	19,606	86,307	185,274
2014–15 <sup>4</sup> .....	6,555,291	3,350,084	1,199,743	1,531,923	161,250	20,227	86,226	205,980
2015–16 <sup>4</sup> .....	6,676,974	3,366,701	1,208,510	1,602,140	167,263	20,408	87,870	224,911
<b>3 to 5 years old</b>								
2000–01 .....	592,090	400,650	93,281	78,070	13,203	—	6,886	—
2005–06 .....	698,608	453,531	102,310	112,883	20,791	—	9,093	—
2010–11 .....	723,793	416,034	102,097	153,033	23,189	2,159	9,141	18,140
2013–14 <sup>4</sup> .....	729,703	394,227	103,829	170,939	24,497	1,972	8,338	25,917
2014–15 <sup>4</sup> .....	735,760	396,052	102,471	172,783	25,908	2,251	8,422	27,876
2015–16 <sup>4</sup> .....	746,499	400,073	101,724	177,529	27,340	1,811	8,285	29,782
<b>6 to 21 years old</b>								
2000–01 .....	5,703,619	3,556,939	1,166,067	799,585	107,841	—	73,187	—
2005–06 .....	6,014,006	3,550,334	1,243,867	1,006,257	129,163	—	84,385	—
2010–11 .....	5,711,348	3,102,135	1,112,752	1,156,998	122,707	17,422	82,117	117,217
2013–14 <sup>4</sup> .....	5,734,393	2,962,034	1,087,988	1,298,343	131,171	17,634	77,969	159,357
2014–15 <sup>4</sup> .....	5,819,531	2,954,032	1,097,272	1,359,140	135,342	17,976	77,804	178,104
2015–16 <sup>4</sup> .....	5,930,475	2,966,628	1,106,786	1,424,611	139,923	18,597	79,585	195,129
Percentage distribution of children served								
<b>3 to 21 years old</b>								
2000–01 .....	100.0	62.9	20.0	13.9	1.9	—	1.3	—
2001–02 .....	100.0	62.3	20.0	14.5	1.9	—	1.3	—
2002–03 .....	100.0	61.5	20.1	15.0	2.0	—	1.3	—
2003–04 .....	100.0	60.8	20.1	15.6	2.1	—	1.4	—
2004–05 .....	100.0	60.2	20.2	16.1	2.1	—	1.4	—
2005–06 .....	100.0	59.6	20.1	16.7	2.2	—	1.4	—
2006–07 .....	100.0	59.1	20.0	17.3	2.3	—	1.4	—
2007–08 <sup>2</sup> .....	100.0	58.3	19.9	18.0	2.4	—	1.4	—
2008–09 <sup>2</sup> .....	100.0	57.7	19.7	18.6	2.5	—	1.4	0.1 <sup>3</sup>
2009–10 .....	100.0	56.6	19.5	19.4	2.6	—	1.4	0.4 <sup>3</sup>
2010–11 .....	100.0	54.7	18.9	20.4	2.3	0.3	1.4	2.1
2011–12 .....	100.0	53.7	18.7	21.1	2.3	0.3	1.4	2.5
2012–13 .....	100.0	52.8	18.5	21.9	2.3	0.3	1.4	2.8
2013–14 .....	100.0	51.9	18.4	22.7	2.4	0.3	1.3	2.9
2014–15 .....	100.0	51.1	18.3	23.4	2.5	0.3	1.3	3.1
2015–16 .....	100.0	50.4	18.1	24.0	2.5	0.3	1.3	3.4
Number served as a percent of total enrollment <sup>5</sup>								
<b>3 to 21 years old</b>								
2000–01 .....	13.3	13.7	15.5	11.4	6.2	—	14.6	—
2001–02 .....	13.4	13.9	15.7	11.4	6.1	—	14.9	—
2002–03 .....	13.5	14.0	15.8	11.4	6.2	—	14.8	—
2003–04 .....	13.7	14.2	16.0	11.5	6.4	—	15.2	—
2004–05 .....	13.8	14.3	16.1	11.5	6.5	—	15.7	—
2005–06 .....	13.7	14.3	15.9	11.4	6.6	—	15.6	—
2006–07 .....	13.6	14.2	15.9	11.3	6.6	—	15.8	—
2007–08 <sup>2</sup> .....	13.3	14.0	15.6	11.3	6.6	—	15.7	—
2008–09 <sup>2</sup> .....	13.1	13.8	15.2	11.4	6.6	—	15.9	2.2 <sup>3</sup>
2009–10 .....	13.1	13.7	15.2	11.5	6.7	—	15.6	8.0 <sup>3</sup>
2010–11 .....	13.0	13.6	15.4	11.5	6.4	11.5	16.2	11.7
2011–12 .....	12.9	13.4	15.3	11.5	6.4	10.8	16.2	12.6
2012–13 .....	12.9	13.4	15.2	11.7	6.4	11.3	16.3	13.0
2013–14 .....	12.9	13.4	15.3	11.8	6.5	11.2	16.5	12.3
2014–15 .....	13.0	13.4	15.4	12.0	6.5	11.5	16.6	12.8
2015–16 .....	13.2	13.7	15.5	12.2	6.6	11.6	17.2	13.0

—Not available.

<sup>1</sup>For years prior to 2010–11, Asian data include Pacific Islanders.

<sup>2</sup>Data do not include Vermont, for which 2007–08 and 2008–09 data were not available.

<sup>3</sup>For 2008–09 and 2009–10, data on children of Two or more races were reported by only a small number of states. Therefore, these data are not comparable to figures for later years.

<sup>4</sup>For 2011–12 through 2015–16, the total column shows the overall counts of children as reported by the 50 states and the District of Columbia rather than the sum of counts reported for individual racial/ethnic groups. (Due to data limitations, summing the data for the racial/ethnic groups can result in overcounts. For 2015–16, summing these data would result in a total overcount of 45 children in the 3- to 5-year-old age group and 784 children in the 6- to 21-year-old age group.)

<sup>5</sup>Based on the total enrollment in public schools, prekindergarten through 12th grade, by race/ethnicity. For total enrollment in public schools by race/ethnicity, see table 203.60. NOTE: Data include only those children served for whom race/ethnicity was reported. Race categories exclude persons of Hispanic ethnicity. Detail may not sum to totals because of rounding.

SOURCE: U.S. Department of Education, Office of Special Education Programs, Individuals with Disabilities Education Act (IDEA) database, retrieved July 10, 2017, from <http://www2.ed.gov/programs/osepidea/618-data/state-level-data-files/index.html#bcc>; and National Center for Education Statistics, Common Core of Data (CCD), "State Nonfiscal Survey of Public Elementary and Secondary Education," 2000–01 through 2015–16. (This table was prepared August 2017.)

**Table 204.50. Children 3 to 21 years old served under Individuals with Disabilities Education Act (IDEA), Part B, by age group and sex, race/ethnicity, and type of disability: 2015–16**

Type of disability	Total <sup>1</sup>	3 to 5 years old <sup>2</sup>		6 to 21 years old <sup>2</sup>		Total, 3 to 21 years old						
		Male	Female	Male	Female	White	Black	Hispanic	Asian	Pacific Islander	American Indian/Alaska Native	Two or more races
1	2	3	4	5	6	7	8	9	10	11	12	13
Number of children served												
<b>All disabilities</b> .....	<b>6,676,974</b>	<b>521,015</b>	<b>225,534</b>	<b>3,905,232</b>	<b>1,967,647</b>	<b>3,366,701</b>	<b>1,208,510</b>	<b>1,602,140</b>	<b>167,263</b>	<b>20,408</b>	<b>87,870</b>	<b>224,911</b>
Autism .....	617,298	—	—	458,800	86,398	334,442	87,291	130,704	35,044	1,587	4,782	23,488
Deaf-blindness .....	1,418	—	—	662	593	796	175	315	55	4	21	53
Developmental delay .....	433,722	—	—	104,425	44,244	226,710	80,527	84,841	13,207	1,516	8,684	18,258
Emotional disturbance .....	347,344	—	—	248,666	90,333	181,062	86,149	55,474	3,330	878	4,718	15,738
Hearing impairment .....	75,458	—	—	35,338	30,911	34,936	10,470	22,323	4,234	405	814	2,284
Intellectual disability .....	425,475	—	—	233,738	168,130	185,425	110,795	100,122	10,886	1,403	5,381	11,479
Multiple disabilities .....	131,410	—	—	76,379	47,132	72,961	23,194	24,508	4,361	594	1,978	3,886
Orthopedic impairment .....	46,563	—	—	23,589	16,640	24,006	5,840	12,738	2,101	137	373	1,370
Other health impairment <sup>3</sup> .....	909,449	—	—	630,638	255,754	529,308	166,191	154,894	13,214	2,291	10,167	33,401
Specific learning disability .....	2,298,163	—	—	1,383,804	871,473	1,033,621	450,750	668,064	35,111	8,768	35,271	67,183
Speech or language impairment .....	1,337,051	—	—	679,772	335,946	713,429	178,906	337,263	43,878	2,647	14,969	45,993
Traumatic brain injury .....	26,535	—	—	16,053	9,211	15,512	4,134	4,855	670	81	359	925
Visual impairment .....	27,088	—	—	13,368	10,882	14,493	4,088	6,039	1,172	97	353	853
Percentage distribution of children served												
<b>All disabilities</b> .....	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>
Autism .....	9.2	—	—	11.7	4.4	9.9	7.2	8.2	21.0	7.8	5.4	10.4
Deaf-blindness .....	#	—	—	#	#	#	#	#	#	#	#	#
Developmental delay .....	6.5	—	—	2.7	2.2	6.7	6.7	5.3	7.9	7.4	9.9	8.1
Emotional disturbance .....	5.2	—	—	6.4	4.6	5.4	7.1	3.5	2.0	4.3	5.4	7.0
Hearing impairment .....	1.1	—	—	0.9	1.6	1.0	0.9	1.4	2.5	2.0	0.9	1.0
Intellectual disability .....	6.4	—	—	6.0	8.5	5.5	9.2	6.2	6.5	6.9	6.1	5.1
Multiple disabilities .....	2.0	—	—	2.0	2.4	2.2	1.9	1.5	2.6	2.9	2.3	1.7
Orthopedic impairment .....	0.7	—	—	0.6	0.8	0.7	0.5	0.8	1.3	0.7	0.4	0.6
Other health impairment <sup>3</sup> .....	13.6	—	—	16.1	13.0	15.7	13.8	9.7	7.9	11.2	11.6	14.9
Specific learning disability .....	34.4	—	—	35.4	44.3	30.7	37.3	41.7	21.0	43.0	40.1	29.9
Speech or language impairment .....	20.0	—	—	17.4	17.1	21.2	14.8	21.1	26.2	13.0	17.0	20.4
Traumatic brain injury .....	0.4	—	—	0.4	0.5	0.5	0.3	0.3	0.4	0.4	0.4	0.4
Visual impairment .....	0.4	—	—	0.3	0.6	0.4	0.3	0.4	0.7	0.5	0.4	0.4
Number served as a percent of total enrollment <sup>4</sup>												
<b>All disabilities</b> .....	<b>13.2</b>	<b>19.4</b>	<b>9.3</b>	<b>16.9</b>	<b>8.9</b>	<b>13.7</b>	<b>15.5</b>	<b>12.2</b>	<b>6.6</b>	<b>11.6</b>	<b>17.2</b>	<b>13.0</b>
Autism .....	1.2	—	—	2.0	0.4	1.4	1.1	1.0	1.4	0.9	0.9	1.4
Deaf-blindness .....	#	—	—	#	#	#	#	#	#	#	#	#
Developmental delay .....	0.9	—	—	0.5	0.2	0.9	1.0	0.6	0.5	0.9	1.7	1.1
Emotional disturbance .....	0.7	—	—	1.1	0.4	0.7	1.1	0.4	0.1	0.5	0.9	0.9
Hearing impairment .....	0.1	—	—	0.2	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.1
Intellectual disability .....	0.8	—	—	1.0	0.8	0.8	1.4	0.8	0.4	0.8	1.1	0.7
Multiple disabilities .....	0.3	—	—	0.3	0.2	0.3	0.3	0.2	0.2	0.3	0.4	0.2
Orthopedic impairment .....	0.1	—	—	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Other health impairment <sup>3</sup> .....	1.8	—	—	2.7	1.2	2.1	2.1	1.2	0.5	1.3	2.0	1.9
Specific learning disability .....	4.6	—	—	6.0	4.0	4.2	5.8	5.1	1.4	5.0	6.9	3.9
Speech or language impairment .....	2.7	—	—	2.9	1.5	2.9	2.3	2.6	1.7	1.5	2.9	2.7
Traumatic brain injury .....	0.1	—	—	0.1	#	0.1	0.1	#	#	#	0.1	0.1
Visual impairment .....	0.1	—	—	0.1	#	0.1	0.1	#	#	0.1	0.1	#

—Not available.

#Rounds to zero.

<sup>1</sup>Totals are based on overall counts of children by type of disability; they are not based on summing the counts reported for the individual racial/ethnic groups or the counts reported by sex. (Due to data limitations, summing the counts by disability type within each racial/ethnic group would result in a total overcount of 829 children. Because of missing data on type of disability by sex, summing the counts by disability type for males and females would result in undercounts.)

<sup>2</sup>For 3- to 5-year-olds, no data are available on type of disability by sex. For 6- to 21-year-olds, data include only those children served for whom both sex and type of disability were reported. About 1 percent of all 6- to 21-year-olds served are excluded from this table because of missing data.

<sup>3</sup>Other health impairments include having limited strength, vitality, or alertness due to chronic or acute health problems such as a heart condition, tuberculosis, rheumatic fever, nephritis, asthma, sickle cell anemia, hemophilia, epilepsy, lead poisoning, leukemia, or diabetes.

<sup>4</sup>Percentages for students 3 to 5 years old by sex are based on total public school enrollment in prekindergarten and kindergarten by sex. Percentages for students 6 to 21 years old by sex are based on total public school enrollment in grades 1 through 12 by sex. Percentages for students of all ages (3 to 21 years old) by race/ethnicity are based on total enrollment in public schools, prekindergarten through grade 12, by race/ethnicity. For total enrollment in public schools by race/ethnicity, see table 203.50.

NOTE: Although data are for the 50 states and the District of Columbia, data limitations result in inclusion of a small (but unknown) number of students from other jurisdictions. Race categories exclude persons of Hispanic ethnicity. Detail may not sum to totals because of rounding.

SOURCE: U.S. Department of Education, Office of Special Education Programs, Individuals with Disabilities Education Act (IDEA) database, retrieved July 10, 2017, from <http://www2.ed.gov/programs/osepidea/618-data/state-level-data-files/index.html#bcc>; and National Center for Education Statistics, Common Core of Data (CCD), "State Nonfiscal Survey of Public Elementary/Secondary Education," 2015–16. (This table was prepared July 2017.)

**Table 204.60. Percentage distribution of students 6 to 21 years old served under Individuals with Disabilities Education Act (IDEA), Part B, by educational environment and type of disability: Selected years, fall 1989 through fall 2015**

Type of disability	All environments	Regular school, time inside general class			Separate school for students with disabilities	Separate residential facility	Parentally placed in regular private schools <sup>1</sup>	Homebound/hospital placement	Correctional facility
		Less than 40 percent	40–79 percent	80 percent or more					
1	2	3	4	5	6	7	8	9	10
<b>All students with disabilities</b>									
1989 .....	100.0	24.9	37.5	31.7	4.5	1.0	—	0.6	—
1990 .....	100.0	25.0	36.4	33.1	4.2	0.9	—	0.5	—
1994 .....	100.0	22.4	28.5	44.8	3.0	0.7	—	0.6	—
1995 .....	100.0	21.5	28.5	45.7	3.1	0.7	—	0.5	—
1996 .....	100.0	21.4	28.3	46.1	3.0	0.7	—	0.5	—
1997 .....	100.0	20.4	28.8	46.8	2.9	0.7	—	0.5	—
1998 .....	100.0	20.0	29.9	46.0	2.9	0.7	—	0.5	—
1999 .....	100.0	20.3	29.8	45.9	2.9	0.7	—	0.5	—
2000 .....	100.0	19.5	29.8	46.5	3.0	0.7	—	0.5	—
2001 .....	100.0	19.2	28.5	48.2	2.9	0.7	—	0.4	—
2002 .....	100.0	19.0	28.7	48.2	2.9	0.7	—	0.5	—
2003 .....	100.0	18.5	27.7	49.9	2.8	0.7	—	0.5	—
2004 .....	100.0	17.9	26.5	51.5	3.0	0.6	—	0.4	—
2005 .....	100.0	16.7	25.1	54.2	2.9	0.6	—	0.4	—
2006 .....	100.0	16.4	23.8	54.8	2.9	0.4	1.0	0.4	0.4
2007 .....	100.0	15.4	22.4	56.8	3.0	0.4	1.1	0.4	0.4
2008 .....	100.0	14.9	21.4	58.5	2.9	0.4	1.1	0.4	0.4
2009 .....	100.0	14.6	20.7	59.4	3.0	0.4	1.2	0.4	0.4
2010 .....	100.0	14.2	20.0	60.5	3.0	0.4	1.2	0.4	0.3
2011 .....	100.0	14.0	19.8	61.1	3.0	0.3	1.1	0.4	0.3
2012 .....	100.0	13.9	19.7	61.2	3.0	0.3	1.2	0.4	0.3
<b>2013</b>									
<b>All students with disabilities</b> .....	<b>100.0</b>	<b>13.8</b>	<b>19.4</b>	<b>61.8</b>	<b>2.9</b>	<b>0.3</b>	<b>1.1</b>	<b>0.4</b>	<b>0.3</b>
Autism .....	100.0	33.3	18.2	39.7	7.4	0.4	0.7	0.3	#
Deaf-blindness .....	100.0	35.6	11.9	23.1	18.5	7.9	0.1	2.8	0.1
Developmental delay .....	100.0	16.1	19.4	63.0	0.8	#	0.5	0.2	#
Emotional disturbance .....	100.0	19.8	17.8	45.1	12.9	1.6	0.3	1.1	1.6
Hearing impairment .....	100.0	12.2	16.0	59.3	7.7	3.1	1.3	0.2	0.1
Intellectual disability .....	100.0	49.4	26.9	16.3	6.1	0.3	0.3	0.5	0.2
Multiple disabilities .....	100.0	46.4	16.4	13.3	18.7	1.6	0.3	3.2	0.1
Orthopedic impairment .....	100.0	21.5	16.1	55.1	4.4	0.1	0.8	1.9	0.1
Other health impairment <sup>2</sup> .....	100.0	9.6	21.9	64.5	1.7	0.2	1.0	0.8	0.3
Specific learning disability .....	100.0	6.1	24.4	67.8	0.5	0.1	0.8	0.1	0.3
Speech or language impairment .....	100.0	4.3	5.4	87.3	0.3	#	2.6	#	#
Traumatic brain injury .....	100.0	20.1	22.2	49.6	5.1	0.5	0.7	1.7	0.1
Visual impairment .....	100.0	10.8	13.0	64.8	6.1	3.5	1.2	0.6	#
<b>2014</b>									
<b>All students with disabilities</b> .....	<b>100.0</b>	<b>13.7</b>	<b>18.9</b>	<b>62.2</b>	<b>2.9</b>	<b>0.3</b>	<b>1.3</b>	<b>0.4</b>	<b>0.2</b>
Autism .....	100.0	32.9	18.1	39.9	7.3	0.4	1.1	0.3	#
Deaf-blindness .....	100.0	34.7	13.5	22.6	18.4	7.2	0.5	3.0	#
Developmental delay .....	100.0	15.7	19.1	63.6	0.8	#	0.5	0.2	#
Emotional disturbance .....	100.0	18.8	17.6	46.1	13.1	1.5	0.3	1.1	1.5
Hearing impairment .....	100.0	11.6	15.6	60.0	7.9	3.0	1.7	0.2	#
Intellectual disability .....	100.0	49.5	26.6	16.4	6.1	0.3	0.3	0.5	0.2
Multiple disabilities .....	100.0	46.2	16.4	13.2	18.9	1.4	0.5	3.2	0.1
Orthopedic impairment .....	100.0	22.0	15.9	54.3	4.3	0.1	1.1	2.2	0.1
Other health impairment <sup>2</sup> .....	100.0	9.4	21.3	65.1	1.7	0.2	1.3	0.8	0.3
Specific learning disability .....	100.0	5.8	23.5	68.8	0.5	0.1	1.1	0.1	0.2
Speech or language impairment .....	100.0	4.3	5.2	87.0	0.3	#	3.1	#	#
Traumatic brain injury .....	100.0	19.6	22.2	49.9	5.1	0.5	0.9	1.8	0.1
Visual impairment .....	100.0	10.5	12.5	65.8	5.8	3.4	1.4	0.6	#
<b>2015</b>									
<b>All students with disabilities</b> .....	<b>100.0</b>	<b>13.6</b>	<b>18.7</b>	<b>62.5</b>	<b>2.9</b>	<b>0.3</b>	<b>1.4</b>	<b>0.4</b>	<b>0.2</b>
Autism .....	100.0	33.3	18.1	39.7	7.2	0.4	1.1	0.3	#
Deaf-blindness .....	100.0	36.3	11.6	23.6	17.6	7.9	0.3	2.8	0.0
Developmental delay .....	100.0	15.6	19.0	63.9	0.8	#	0.6	0.2	#
Emotional disturbance .....	100.0	18.5	17.4	47.0	12.9	1.5	0.3	1.0	1.3
Hearing impairment .....	100.0	11.6	15.6	61.1	7.0	2.7	1.7	0.1	#
Intellectual disability .....	100.0	49.9	26.5	16.3	6.0	0.3	0.4	0.5	0.1
Multiple disabilities .....	100.0	46.4	16.5	13.1	18.5	1.3	0.6	3.4	0.1
Orthopedic impairment .....	100.0	23.0	15.7	53.4	4.3	0.1	1.2	2.3	#
Other health impairment <sup>2</sup> .....	100.0	9.1	21.2	65.5	1.7	0.2	1.3	0.8	0.2
Specific learning disability .....	100.0	5.5	23.0	69.5	0.4	0.1	1.1	0.1	0.2
Speech or language impairment .....	100.0	4.3	5.2	86.9	0.3	#	3.3	#	#
Traumatic brain injury .....	100.0	20.0	21.9	50.1	4.9	0.5	0.9	1.6	0.1
Visual impairment .....	100.0	9.9	12.6	67.1	5.1	3.2	1.4	0.7	#

—Not available.

#Rounds to zero.

<sup>1</sup>Students who are enrolled by their parents or guardians in regular private schools and have their basic education paid through private resources, but receive special education services at public expense. These students are not included under "Regular school, time inside general class" (columns 3 through 5).

<sup>2</sup>Other health impairments include having limited strength, vitality, or alertness due to chronic or acute health problems such as a heart condition, tuberculosis, rheumatic fever,

nephritis, asthma, sickle cell anemia, hemophilia, epilepsy, lead poisoning, leukemia, or diabetes.

NOTE: Data are for the 50 states and the District of Columbia only. Detail may not sum to totals because of rounding.

SOURCE: U.S. Department of Education, Office of Special Education Programs, Individuals with Disabilities Education Act (IDEA) database, retrieved July 15, 2017, from <http://www2.ed.gov/programs/osepidea/618-data/state-level-data-files/index.html#bcc>. (This table was prepared July 2017.)

**Table 204.70. Number and percentage of children served under Individuals with Disabilities Education Act (IDEA), Part B, by age group and state or jurisdiction: Selected years, 1990–91 through 2015–16**

State or jurisdiction	3- to 21-year-olds served								3- to 5-year-olds served					
	1990–91	2000–01	2010–11	2013–14	2014–15	2015–16	As a percent of public school enrollment, 2015–16	Percent change in number served, 2000–01 to 2015–16	1990–91	2000–01	2010–11	2013–14	2014–15	2015–16
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
<b>United States</b> .....	<b>4,710,089</b>	<b>6,295,816</b>	<b>6,434,916</b>	<b>6,464,096</b>	<b>6,555,291</b>	<b>6,676,974</b>	<b>13.2</b>	<b>6.1</b>	<b>389,751</b>	<b>592,087</b>	<b>723,738</b>	<b>729,703</b>	<b>735,760</b>	<b>746,499</b>
Alabama .....	94,601	99,828	82,286	80,803	82,354	84,278	11.3	-15.6	7,154	7,554	7,492	7,238	7,150	7,368
Alaska .....	14,390	17,691	18,048	17,920	18,023	18,390	13.9	4.0	1,458	1,637	2,104	2,062	2,034	2,115
Arizona .....	56,629	96,442	125,816	129,801	131,541	132,592	12.0	37.5	4,330	9,144	14,756	15,278	15,113	15,328
Arkansas .....	47,187	62,222	64,881	65,166	66,621	68,178	13.9	9.6	4,626	9,376	13,034	12,529	12,881	12,981
California .....	468,420	645,287	672,174	698,947	711,205	727,718	11.5	12.8	39,627	57,651	72,404	76,345	76,641	78,610
Colorado .....	56,336	78,715	84,710	90,904	92,782	95,101	10.6	20.8	4,128	8,202	11,797	12,576	12,553	12,774
Connecticut .....	63,886	73,886	68,167	70,785	73,293	75,030	13.9	1.5	5,466	7,172	7,933	8,034	8,431	8,691
Delaware .....	14,208	16,760	18,608	18,717	19,889	20,742	15.4	23.8	1,493	1,652	2,123	1,815	2,050	2,030
District of Columbia .....	6,290	10,559	11,947	11,774	12,172	12,258	14.6	16.1	411	374	957	1,441	1,429	1,471
Florida .....	234,509	367,335	368,808	356,488	362,925	372,476	13.3	1.4	14,883	30,660	36,027	37,633	38,158	39,359
Georgia .....	101,762	171,292	177,544	190,587	196,048	202,314	11.5	18.1	7,098	16,560	15,911	17,528	17,725	18,201
Hawaii .....	12,705	23,951	19,716	19,221	19,081	19,223	10.6	-19.7	809	1,919	2,938	2,402	2,364	2,444
Idaho .....	21,703	29,174	27,388	27,592	28,477	29,718	10.2	1.9	2,815	3,591	3,596	3,260	3,267	3,331
Illinois .....	236,060	297,316	302,830	294,227	294,916	296,784	14.5	-0.2	22,997	28,787	36,488	37,611	37,599	37,878
Indiana .....	112,949	156,320	166,073	169,830	170,465	171,368	16.4	9.6	7,243	15,101	18,725	18,014	17,931	18,049
Iowa .....	59,787	72,461	68,501	64,704	63,866	63,822	12.6	-11.9	5,421	5,580	7,378	6,534	6,322	6,226
Kansas .....	44,785	61,267	66,873	68,625	69,845	70,762	14.3	15.5	3,881	7,728	10,604	11,218	11,570	11,387
Kentucky .....	78,853	94,572	102,370	97,467	97,820	99,283	14.5	5.0	10,440	16,372	17,963	17,332	16,994	17,044
Louisiana .....	72,825	97,938	82,943	78,667	79,245	84,221	11.7	-14.0	6,703	9,957	10,427	9,784	9,709	10,430
Maine .....	27,987	35,633	32,261	32,219	31,920	32,531	17.9	-8.7	2,895	3,978	3,824	3,722	3,445	3,512
Maryland .....	88,017	112,077	103,490	103,788	104,136	105,440	12.0	-5.9	7,163	10,003	12,875	13,136	13,105	13,473
Massachusetts .....	149,743	162,216	167,526	166,859	167,799	168,199	17.4	3.7	12,141	14,328	16,662	16,759	16,716	16,802
Michigan .....	166,511	221,456	218,957	200,451	198,171	197,316	12.8	-10.9	14,547	19,937	23,183	20,511	20,456	20,573
Minnesota .....	79,013	109,880	122,850	124,507	125,437	128,218	14.8	16.7	8,646	11,522	15,076	15,175	15,296	15,843
Mississippi .....	60,872	62,281	64,038	65,687	66,448	66,799	13.7	7.3	5,642	6,944	10,191	10,070	9,299	8,660
Missouri .....	101,166	137,381	127,164	123,292	124,652	126,328	13.7	-8.0	4,100	11,307	15,891	16,047	16,598	17,123
Montana .....	16,955	19,313	16,761	16,473	17,032	17,387	12.0	-10.0	1,751	1,635	1,656	1,596	1,620	1,592
Nebraska .....	32,312	42,793	44,299	46,983	47,341	47,795	15.1	11.7	2,512	3,724	5,050	5,373	5,465	5,557
Nevada .....	18,099	38,160	48,148	52,052	53,755	55,452	11.9	45.3	1,401	3,676	6,947	8,241	8,537	8,838
New Hampshire .....	19,049	30,077	29,920	29,011	28,978	28,806	15.8	-4.2	1,468	2,387	3,135	3,173	3,332	3,335
New Jersey .....	178,870	221,715	232,002	228,844	232,526	232,401	16.5	4.8	14,741	16,361	17,073	17,821	18,222	18,674
New Mexico .....	36,000	52,256	46,628	47,283	47,705	49,667	14.8	-5.0	2,210	4,970	5,224	4,347	4,285	4,245
New York .....	307,366	441,333	454,542	454,971	489,077	499,551	18.4	13.2	26,266	51,665	64,923	65,705	68,528	67,067
North Carolina .....	122,942	173,067	185,107	193,092	196,045	198,808	12.9	14.9	10,516	17,361	18,433	18,801	18,887	19,070
North Dakota .....	12,294	13,652	13,170	13,366	13,636	13,953	12.8	2.2	1,164	1,247	1,714	1,830	1,801	1,972
Ohio .....	205,440	237,643	259,454	254,541	254,187	253,896	14.8	6.8	12,487	18,664	22,454	22,933	22,411	21,897
Oklahoma .....	65,457	85,577	97,250	103,136	105,671	108,459	15.7	26.7	5,163	6,393	8,298	8,599	8,919	9,023
Oregon .....	54,422	75,204	81,050	82,717	83,207	84,517	13.9	12.4	2,854	6,926	9,392	10,122	9,987	10,374
Pennsylvania .....	214,254	242,655	295,080	296,249	298,274	303,633	17.7	25.1	17,982	21,477	31,072	32,464	32,726	33,022
Rhode Island .....	20,646	30,727	25,332	23,402	23,360	23,515	16.6	-23.5	1,682	2,614	2,945	2,906	2,942	3,022
South Carolina .....	77,367	105,922	100,289	98,930	99,100	101,776	13.3	-3.9	7,948	11,775	11,083	9,728	8,971	9,432
South Dakota .....	14,726	16,825	18,026	18,508	18,975	19,527	14.5	16.1	2,105	2,286	2,738	2,668	2,568	2,627
Tennessee .....	104,853	125,863	120,263	130,387	130,729	129,386	12.9	2.8	7,487	10,699	13,096	12,583	12,527	12,905
Texas .....	344,529	491,642	442,019	443,612	451,623	463,238	8.7	-5.8	24,848	36,442	41,494	42,868	42,654	43,787
Utah .....	46,606	53,921	70,278	75,428	77,525	79,932	12.3	48.2	3,424	5,785	8,990	9,516	9,686	10,007
Vermont .....	12,160	13,623	13,936	13,904	14,008	13,903	15.8	2.1	1,097	1,237	1,762	1,779	1,819	1,774
Virginia .....	112,072	162,212	162,338	161,160	162,165	164,757	12.8	1.6	9,892	14,444	17,081	16,400	16,394	16,755
Washington .....	83,545	118,851	127,978	131,997	133,459	135,757	12.5	14.2	9,558	11,760	14,275	14,667	14,912	15,361
West Virginia .....	42,428	50,333	45,007	44,375	44,267	45,297	16.3	-10.0	2,923	5,445	5,607	5,363	4,804	5,004
Wisconsin .....	85,651	125,358	124,722	122,654	120,434	120,864	13.9	-3.6	10,934	14,383	16,079	16,166	15,846	16,089
Wyoming .....	10,852	13,154	15,348	11,993	—	15,608	16.5	18.7	1,221	1,695	3,398	—	3,081	3,367
Bureau of Indian Education .....	6,997	8,448	6,801	—	6,384	6,309	—	-25.3	1,092	338	396	—	410	266
<b>Other jurisdictions</b> .....	<b>38,986</b>	<b>70,670</b>	<b>131,847</b>	<b>128,019</b>	<b>133,505</b>	<b>128,268</b>	<b>—</b>	<b>81.5</b>	<b>3,892</b>	<b>8,168</b>	<b>14,505</b>	<b>15,609</b>	<b>17,400</b>	<b>16,743</b>
American Samoa .....	363	697	935	—	—	666	—	-4.4	48	48	142	148	148	50
Guam .....	1,750	2,267	2,003	1,981	2,026	2,036	6.6	-10.2	198	205	165	166	171	159
Northern Marianas .....	411	569	944	906	892	886	—	55.7	211	53	104	87	84	93
Palau .....	—	131	—	104	106	97	—	-26.0	—	10	—	7	6	6
Puerto Rico .....	35,129	65,504	126,560	123,754	129,086	123,376	32.5	88.3	3,345	7,746	13,952	15,038	16,868	16,303
U.S. Virgin Islands .....	1,333	1,502	1,405	1,274	1,247	1,207	8.7	-19.6	90	106	142	163	123	132

—Not available.

<sup>1</sup>Based on the total enrollment in public schools, prekindergarten through 12th grade. For total enrollment in public schools, see table 203.40.

NOTE: Prior to October 1994, children and youth with disabilities were served under Chapter 1 of the Elementary and Secondary Education Act as well as under the Individuals with Disabilities Education Act (IDEA), Part B. Data reported in this table for 1990–91 include children ages 0–21 served under Chapter 1.

SOURCE: U.S. Department of Education, Office of Special Education Programs, *Annual Report to Congress on the Implementation of the Individuals with Disabilities Education Act*, selected years, 1992 through 2006, and Individuals with Disabilities Education Act (IDEA) database, retrieved August 10, 2017, from <http://www2.ed.gov/programs/osep/idea/618-data/state-level-data-files/index.html#bcc>. National Center for Education Statistics, Common Core of Data (CCD), "State Nonfiscal Survey of Public Elementary/Secondary Education," 2015–16. (This table was prepared August 2017.)

**Table 204.75a. Homeless students enrolled in public elementary and secondary schools, by grade, primary nighttime residence, and selected student characteristics: 2009–10 through 2015–16**

Grade, primary nighttime residence, or selected student characteristic	2009–10	2010–11	2011–12	2012–13	2013–14	2014–15 <sup>1</sup>	2015–16
1	2	3	4	5	6	7	8
<b>Total number of homeless students<sup>2</sup></b> .....	<b>910,439</b>	<b>1,047,397</b>	<b>1,128,503</b>	<b>1,216,117</b>	<b>1,285,641</b>	<b>1,260,721</b>	<b>1,301,238</b>
As a percent of total public school enrollment .....	1.8	2.1	2.3	2.4	2.6	2.5	2.6
<b>Total number, by grade and nighttime residence</b>							
<b>Grade</b>							
Prekindergarten <sup>3</sup> .....	28,871	32,966	32,866	38,281	47,976	39,381	42,580
Kindergarten .....	82,378	89,589	105,795	115,943	112,343	118,470	109,852
Grade 1 .....	83,675	92,153	104,554	113,226	121,159	116,464	116,517
Grade 2 .....	80,437	88,125	96,845	105,311	113,238	111,189	115,054
Grade 3 .....	77,594	86,253	93,214	99,446	107,574	105,739	110,868
Grade 4 .....	73,942	82,570	88,809	94,303	99,005	98,221	103,859
Grade 5 .....	69,605	79,314	85,224	89,769	93,912	91,647	97,068
Grade 6 .....	65,238	75,867	80,962	86,880	89,965	87,844	90,716
Grade 7 .....	61,009	71,412	76,481	82,159	86,659	83,924	86,480
Grade 8 .....	60,186	69,406	73,528	79,516	83,404	82,122	85,327
Grade 9 .....	66,474	79,897	81,262	90,139	97,129	94,508	95,662
Grade 10 .....	54,510	68,484	69,396	72,673	77,486	76,951	82,040
Grade 11 .....	47,835	59,120	63,078	66,519	69,619	68,729	73,881
Grade 12 .....	54,030	68,532	73,687	79,260	83,671	83,022	88,452
Ungraded <sup>4</sup> .....	4,655	3,709	2,802	2,692	2,501	2,510	2,882
<b>Primary nighttime residence<sup>5</sup></b>							
Doubled-up or shared housing <sup>6</sup> .....	648,233	741,460	849,684	917,122	978,463	957,053	983,782
Hotels or motels .....	45,727	53,499	62,530	69,179	78,767	82,187	84,978
Shelters, transitional housing, or awaiting foster care placement ...	172,644	177,028	174,472	173,397	183,653	180,302	185,596
Unsheltered <sup>7</sup> .....	38,450	74,044	40,151	39,108	41,738	39,327	43,014
<b>Number with selected characteristics</b>							
Unaccompanied homeless youth <sup>8</sup> .....	—	—	—	78,654	88,390	94,800	111,720
English language learners <sup>9</sup> .....	—	—	—	174,821	190,256	181,764	201,099
Migrant students <sup>10</sup> .....	—	—	—	16,231	18,588	17,748	16,700
Students with disabilities <sup>11</sup> .....	—	—	—	190,050	217,048	215,630	232,764

—Not available.

<sup>1</sup>The decrease in homeless students in 2014–15 was caused in part by changes to California's data collection systems. For more information, see section 1.9.1.1 of California's 2014–15 Consolidated State Performance Report, available at <https://www2.ed.gov/admins/lead/account/consolidated/sy14-15part1/ca.pdf>.

<sup>2</sup>The sum of counts by grade.

<sup>3</sup>Homeless children 3 to 5 years old who are not in kindergarten.

<sup>4</sup>Includes students reported as being enrolled in grade 13.

<sup>5</sup>Does not sum to the total number of homeless students because of missing data on primary nighttime residence. (Counts by primary nighttime residence differ from those shown in the total row by less than 2 percent for 2012–13 and less than 1 percent for all other years.)

<sup>6</sup>Refers to temporarily sharing the housing of other persons due to loss of housing, economic hardship, or other reasons (such as domestic violence).

<sup>7</sup>Includes living in cars, parks, campgrounds, temporary trailers—including Federal Emergency Management Agency (FEMA) trailers—or abandoned buildings.

<sup>8</sup>Youth who are not in the physical custody of a parent or guardian. Includes youth living on their own and youth living with a caregiver who is not their legal guardian.

<sup>9</sup>Students who met the definition of limited English proficient students as outlined in the ED Facts workbook. For more information, see <https://www2.ed.gov/about/inits/ed/edfacts/eden-workbook.html>.

<sup>10</sup>Students who met the definition of eligible migrant children as outlined in the ED Facts workbook. Such students are either migratory workers or the children or spouses of migratory workers and have moved within the preceding 36 months in order to obtain, or to accompany parents or spouses who moved in order to obtain, temporary or seasonal employment in agricultural or fishing work. For more information, see <https://www2.ed.gov/about/inits/ed/edfacts/eden-workbook.html>. Connecticut, the District of Columbia, Rhode Island, and West Virginia did not operate a migrant education program during the 2012–13, 2013–14, 2014–15, and 2015–16 school years and therefore had no data to provide on migrant homeless students.

<sup>11</sup>Includes only students with disabilities who were served under the Individuals with Disabilities Education Act (IDEA).

NOTE: Homeless students are defined as children/youth who lack a fixed, regular, and adequate nighttime residence. For more information, see "C118 - Homeless Students Enrolled" at <https://www2.ed.gov/about/inits/ed/edfacts/sy-15-16-nonxml.html>. Data include all homeless students enrolled at any time during the school year. Data exclude Puerto Rico and the Bureau of Indian Education. This table is based on state-level data. SOURCE: U.S. Department of Education, National Center for Education Statistics, ED Facts file 118, Data Group 655, extracted June 21, 2018, from the ED Facts Data Warehouse (internal U.S. Department of Education Source); and Common Core of Data (CCD), "State Nonfiscal Survey of Public Elementary and Secondary Education," 2009–10 through 2015–16. (This table was prepared June 2018.)

**Table 204.75b. Number and percentage of homeless students enrolled in public elementary and secondary schools, by school district locale, primary nighttime residence, and selected student characteristics: 2015–16**

Primary nighttime residence or selected student characteristic	Total, all districts	City	Suburban	Town	Rural
1	2	3	4	5	6
	Number				
Total public school enrollment .....	47,793,456	15,552,603	20,556,828	5,255,783	6,428,242
<b>Total number of homeless students<sup>1</sup></b> .....	<b>1,358,985</b>	<b>623,271</b>	<b>432,580</b>	<b>142,956</b>	<b>160,178</b>
Number of homeless students, by primary nighttime residence <sup>2</sup>					
Doubled-up or shared housing <sup>3</sup> .....	1,011,844	432,828	336,756	113,721	128,539
Hotels or motels .....	87,458	35,071	36,850	8,236	7,301
Shelters, transitional housing, or awaiting foster care placement .....	209,782	131,367	48,419	14,573	15,423
Unsheltered <sup>4</sup> .....	45,494	21,537	9,784	5,813	8,360
Number of homeless students with selected characteristics					
Unaccompanied homeless youth <sup>5</sup> .....	113,874	48,248	33,704	13,894	18,028
English language learners <sup>6</sup> .....	207,349	112,280	69,769	14,895	10,405
Migrant students <sup>7</sup> .....	16,973	6,119	3,823	4,482	2,549
Students with disabilities <sup>8</sup> .....	247,810	114,483	76,105	26,059	31,163
	Percent				
Homeless students as a percent of total public school enrollment .....	2.8	4.0	2.1	2.7	2.5
Percentage distribution of homeless students, by primary nighttime residence					
Doubled-up or shared housing <sup>3</sup> .....	74.5	69.4	77.8	79.5	80.2
Hotels or motels .....	6.4	5.6	8.5	5.8	4.6
Shelters, transitional housing, or awaiting foster care placement .....	15.4	21.1	11.2	10.2	9.6
Unsheltered <sup>4</sup> .....	3.3	3.5	2.3	4.1	5.2
Percent of homeless students with selected characteristics					
Unaccompanied homeless youth <sup>5</sup> .....	8.4	7.7	7.8	9.7	11.3
English language learners <sup>6</sup> .....	15.3	18.0	16.1	10.4	6.5
Migrant students <sup>7</sup> .....	1.2	1.0	0.9	3.1	1.6
Students with disabilities <sup>8</sup> .....	18.2	18.4	17.6	18.2	19.5

<sup>1</sup>Represents the sum of counts by grade.

<sup>2</sup>Does not sum to the total number of homeless students because of missing data on primary nighttime residence. (These data are missing for less than 1 percent of homeless students.)

<sup>3</sup>Refers to temporarily sharing the housing of other persons due to loss of housing, economic hardship, or other reasons (such as domestic violence).

<sup>4</sup>Includes living in cars, parks, campgrounds, temporary trailers—including Federal Emergency Management Agency (FEMA) trailers—or abandoned buildings.

<sup>5</sup>Youth who are not in the physical custody of a parent or guardian. Includes youth living on their own and youth living with a caregiver who is not their legal guardian.

<sup>6</sup>Students who met the definition of limited English proficient students as outlined in the EDFacts workbook. For more information, see <https://www2.ed.gov/about/inits/ed/edfacts/eden-workbook.html>.

<sup>7</sup>Students who met the definition of eligible migrant children as outlined in the EDFacts workbook. Such students are either migratory workers or the children or spouses of migratory workers and have moved within the preceding 36 months in order to obtain, or to accompany parents or spouses who moved in order to obtain, temporary or seasonal employment in agricultural or fishing work. For more information, see <https://www2.ed.gov/about/inits/>

[ed/edfacts/eden-workbook.html](https://www2.ed.gov/about/inits/ed/edfacts/eden-workbook.html). Connecticut, the District of Columbia, Rhode Island, and West Virginia did not operate a migrant education program during the 2015–16 school year and therefore had no data to provide on migrant homeless students.

<sup>8</sup>Includes only students with disabilities who were served under the Individuals with Disabilities Education Act (IDEA).

NOTE: Homeless students are defined as children/youth who lack a fixed, regular, and adequate nighttime residence. For more information, see "C118 - Homeless Students Enrolled" at <https://www2.ed.gov/about/inits/ed/edfacts/sy-15-16-nonxml.html>. Data include all homeless students enrolled at any time during the school year. Data exclude Puerto Rico and the Bureau of Indian Education. Detail may not sum to totals because of rounding and missing data on primary nighttime residence. Because this table is based on data reported at the school district level, counts and percentages of homeless students may differ from those shown in tables based on state-level data.

SOURCE: U.S. Department of Education, National Center for Education Statistics, EDFacts file 118, Data Group 655, extracted August 18, 2018, from the EDFacts Data Warehouse (internal U.S. Department of Education source); and Common Core of Data (CCD), "Local Education Agency Universe Survey," 2015–16. (This table was prepared August 2018.)

**Table 204.75c. Number and percentage of homeless students enrolled in public elementary and secondary schools, by state or jurisdiction: 2009–10 through 2015–16**

State or jurisdiction	Number of homeless students <sup>1</sup>							Homeless students as percent of total public school enrollment <sup>2</sup>						
	2009–10	2010–11	2011–12	2012–13	2013–14	2014–15	2015–16	2009–10	2010–11	2011–12	2012–13	2013–14	2014–15	2015–16
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
<b>United States</b> .....	<b>910,439</b>	<b>1,047,397</b>	<b>1,128,503</b>	<b>1,216,117</b>	<b>1,285,641</b>	<b>1,260,721</b>	<b>1,301,238</b>	<b>1.8</b>	<b>2.1</b>	<b>2.3</b>	<b>2.4</b>	<b>2.6</b>	<b>2.5</b>	<b>2.6</b>
Alabama .....	16,254	18,910	17,670	29,749	19,266	19,373	14,112	2.2	2.5	2.4	4.0	2.6	2.6	1.9
Alaska .....	3,804	4,451	4,459	3,972	3,934	4,018	3,784	2.9	3.4	3.4	3.0	3.0	3.1	2.9
Arizona .....	30,223	23,399	30,091	29,895	28,777	28,393	24,770	2.8	2.2	2.8	2.7	2.6	2.6	2.2
Arkansas .....	8,130	9,160	9,550	10,851	11,180	10,756	11,984	1.7	1.9	2.0	2.2	2.3	2.2	2.4
California <sup>3</sup> .....	193,818	220,708	239,061	251,984	284,086	235,983	246,296	3.1	3.5	3.8	4.0	4.5	3.7	3.9
Colorado .....	18,408	20,624	23,680	22,958	23,681	24,146	23,014	2.2	2.4	2.8	2.7	2.7	2.7	2.6
Connecticut .....	2,371	2,440	2,805	2,826	2,964	3,192	3,759	0.4	0.4	0.5	0.5	0.5	0.6	0.7
Delaware .....	3,224	3,556	3,729	3,857	4,351	3,098	3,227	2.5	2.7	2.9	3.0	3.3	2.3	2.4
District of Columbia .....	2,477	3,059	2,947	3,756	3,772	3,551	6,260	3.6	4.3	4.0	4.9	4.8	4.4	7.5
Florida .....	48,695	55,953	63,414	69,956	67,402	73,117	72,042	1.8	2.1	2.4	2.6	2.5	2.7	2.6
Georgia .....	26,338	29,922	33,234	35,922	36,845	37,791	38,474	1.6	1.8	2.0	2.1	2.1	2.2	2.2
Hawaii .....	2,966	2,320	2,465	2,312	2,634	3,526	3,790	1.6	1.3	1.3	1.3	1.4	1.9	2.1
Idaho .....	4,342	4,774	6,076	6,118	6,447	7,162	7,143	1.6	1.7	2.2	2.1	2.2	2.5	2.4
Illinois .....	33,367	38,900	43,032	49,623	54,452	52,333	50,949	1.6	1.9	2.1	2.4	2.6	2.6	2.5
Indiana .....	12,124	13,313	14,654	15,777	17,926	19,205	17,863	1.2	1.3	1.4	1.5	1.7	1.8	1.7
Iowa .....	6,628	7,046	7,242	6,809	6,828	6,936	6,774	1.3	1.4	1.5	1.4	1.4	1.4	1.3
Kansas .....	8,452	8,995	8,904	9,330	10,378	9,715	9,265	1.8	1.9	1.8	1.9	2.1	2.0	1.9
Kentucky .....	23,075	33,194	35,658	31,179	27,227	27,836	27,603	3.4	4.9	5.2	4.6	4.0	4.0	4.0
Louisiana .....	24,891	23,211	20,762	20,476	20,402	20,277	20,254	3.6	3.3	3.0	2.9	2.9	2.8	2.8
Maine .....	—	1,248	1,594	2,070	1,986	1,934	2,271	—	0.7	0.8	1.1	1.1	1.1	1.3
Maryland .....	13,140	13,920	14,468	15,663	16,239	16,096	16,267	1.5	1.6	1.7	1.8	1.9	1.8	1.8
Massachusetts .....	13,090	14,247	15,066	15,774	17,538	19,353	20,929	1.4	1.5	1.6	1.7	1.8	2.0	2.2
Michigan .....	22,180	30,671	36,571	37,738	38,117	40,861	39,092	1.3	1.9	2.3	2.4	2.5	2.7	2.5
Minnesota .....	9,366	11,076	11,567	11,874	14,343	15,196	16,550	1.1	1.3	1.4	1.4	1.7	1.8	1.9
Mississippi .....	7,324	8,848	11,448	12,845	9,680	10,309	9,284	1.5	1.8	2.3	2.6	2.0	2.1	1.9
Missouri .....	15,466	19,719	24,549	26,506	29,784	30,650	32,133	1.7	2.1	2.7	2.9	3.2	3.3	3.5
Montana .....	1,445	1,490	1,762	2,551	2,640	3,075	3,003	1.0	1.1	1.2	1.8	1.8	2.1	2.1
Nebraska .....	2,188	2,674	3,057	3,247	3,449	3,317	3,422	0.7	0.9	1.0	1.1	1.1	1.1	1.1
Nevada .....	8,841	9,321	10,363	12,054	14,865	17,178	20,696	2.1	2.1	2.4	2.7	3.3	3.7	4.4
New Hampshire .....	2,573	3,164	3,304	3,319	3,276	3,335	3,349	1.3	1.6	1.7	1.8	1.8	1.8	1.8
New Jersey .....	6,637	4,444	4,897	8,660	10,303	10,150	10,391	0.5	0.3	0.4	0.6	0.8	0.7	0.7
New Mexico .....	9,432	11,449	12,681	11,661	11,949	10,279	10,071	2.8	3.4	3.8	3.4	3.5	3.0	3.0
New York .....	82,446	115,238	96,881	108,603	116,700	118,435	140,373	3.0	4.2	3.6	4.0	4.3	4.3	5.2
North Carolina .....	20,925	24,974	27,233	27,050	24,509	26,636	26,361	1.4	1.7	1.8	1.8	1.6	1.7	1.7
North Dakota .....	740	870	2,713	2,122	2,395	2,715	2,230	0.8	0.9	2.8	2.1	2.3	2.5	2.1
Ohio .....	19,113	21,849	24,236	23,748	28,632	27,939	29,403	1.1	1.2	1.4	1.4	1.7	1.6	1.7
Oklahoma .....	—	—	21,337	22,805	25,008	26,979	26,268	—	—	3.2	3.4	3.7	3.9	3.8
Oregon .....	19,040	21,632	21,345	19,189	21,058	22,637	22,958	3.3	3.8	3.8	3.3	3.6	3.8	3.8
Pennsylvania .....	18,206	18,531	18,050	19,349	21,309	22,014	23,164	1.0	1.0	1.0	1.1	1.2	1.3	1.3
Rhode Island .....	996	977	961	907	997	1,004	1,049	0.7	0.7	0.7	0.6	0.7	0.7	0.7
South Carolina .....	10,820	10,530	10,495	11,436	12,809	13,353	14,140	1.5	1.5	1.4	1.6	1.7	1.8	1.9
South Dakota .....	1,512	1,883	2,450	1,839	1,835	2,156	1,958	1.2	1.5	1.9	1.4	1.4	1.6	1.5
Tennessee .....	11,458	13,958	14,586	14,319	17,272	13,259	15,404	1.2	1.4	1.5	1.4	1.7	1.3	1.5
Texas .....	74,664	83,626	83,626	101,088	111,759	113,063	115,676	1.5	1.7	1.7	2.0	2.2	2.2	2.2
Utah .....	15,203	13,473	13,597	15,321	14,579	14,999	15,094	2.7	2.3	2.3	2.5	2.3	2.4	2.3
Vermont .....	784	915	1,202	1,055	1,145	1,124	1,098	0.9	0.9	1.3	1.2	1.3	1.3	1.2
Virginia .....	13,883	16,081	17,518	17,538	18,026	17,876	18,577	1.1	1.3	1.4	1.4	1.4	1.4	1.4
Washington .....	21,826	26,048	27,390	30,609	32,539	35,511	39,127	2.1	2.5	2.6	2.9	3.1	3.3	3.6
West Virginia .....	4,506	6,399	7,459	8,168	7,430	8,958	9,320	1.6	2.3	2.6	2.9	2.6	3.2	3.4
Wisconsin .....	12,027	13,370	15,491	18,637	19,471	18,366	18,592	1.4	1.5	1.8	2.1	2.2	2.1	2.1
Wyoming .....	1,021	837	1,173	1,022	1,447	1,556	1,625	1.2	0.9	1.3	1.1	1.6	1.7	1.7
Bureau of Indian Education ..	1,867	1,857	2,015	—	—	—	2,853	4.5	4.4	—	—	—	—	—
Puerto Rico .....	4,533	4,727	4,350	3,701	3,224	3,628	4,001	0.9	1.0	1.0	0.9	0.8	0.9	1.1

—Not available.

<sup>1</sup>Represents the sum of counts by grade.

<sup>2</sup>Total percentages for the United States were computed based on total public school enrollment in the 50 states and the District of Columbia.

<sup>3</sup>California's 2014–15 homeless count decreased in part because of changes to the state's data collection systems. For more information, see section 1.9.1.1 of California's 2014–15 Consolidated State Performance Report, available at <https://www2.ed.gov/admins/lead/account/consolidated/sy14-15part1/ca.pdf>.

NOTE: Homeless students are defined as children/youth who lack a fixed, regular, and adequate nighttime residence. For more information, see "C118 - Homeless Students

Enrolled" at <https://www2.ed.gov/about/inits/ed/edfacts/sy-15-16-nonxml.html>. Data are reported at the state level and include all homeless students enrolled at any time during the school year.

SOURCE: U.S. Department of Education, National Center for Education Statistics, ED Facts file 118, Data Group 655, extracted June 21, 2018, from the ED Facts Data Warehouse (internal U.S. Department of Education Source); and Common Core of Data (CCD), "State Nonfiscal Survey of Public Elementary and Secondary Education," 2009–10 through 2015–16. (This table was prepared June 2018.)

**Table 204.75d. Number and percentage of homeless students enrolled in public elementary and secondary schools, by primary nighttime residence, selected student characteristics, and state or jurisdiction: 2015–16**

State or jurisdiction	All homeless students						Number of homeless students with selected characteristics			
	Total number of homeless students <sup>2</sup>	As a percent of total public school enrollment	Number, by primary nighttime residence <sup>1</sup>				Unaccompanied homeless youth <sup>5</sup>	English language learners <sup>6</sup>	Migrant students <sup>7</sup>	Students with disabilities <sup>8</sup>
			Doubled-up or shared housing <sup>3</sup>	Hotels or motels	Shelters, transitional housing, or awaiting foster care placement	Unsheltered <sup>4</sup>				
1	2	3	4	5	6	7	8	9	10	11
<b>United States</b> .....	<b>1,301,238</b>	<b>2.6</b>	<b>983,782</b>	<b>84,978</b>	<b>185,596</b>	<b>43,014</b>	<b>111,720</b>	<b>201,099</b>	<b>16,700</b>	<b>232,764</b>
Alabama .....	14,112	1.9	12,021	681	735	675	156	593	118	2,119
Alaska .....	3,784	2.9	2,257	270	920	337	850	569	355	979
Arizona <sup>1</sup> .....	24,770	2.2	15,049	1,404	6,146	577	2,351	3,417	117	3,575
Arkansas .....	11,984	2.4	10,178	524	1,014	268	463	703	284	1,898
California <sup>9</sup> .....	246,296	3.9	211,607	10,095	17,061	7,533	7,354	80,849	5,832	32,901
Colorado .....	23,014	2.6	17,146	2,205	2,837	826	1,771	3,735	558	3,199
Connecticut <sup>10</sup> .....	3,759	0.7	2,329	456	955	19	111	729	—	776
Delaware .....	3,227	2.4	2,449	561	202	15	262	175	5	974
District of Columbia <sup>1,10</sup> .....	6,260	7.5	2,702	396	2,492	121	232	262	—	1,130
Florida .....	72,042	2.6	53,582	8,113	8,346	2,001	6,929	7,827	1,032	13,057
Georgia .....	38,474	2.2	27,543	6,700	3,499	732	2,247	1,524	281	6,304
Hawaii .....	3,790	2.1	2,108	5	1,247	430	19	623	42	663
Idaho .....	7,143	2.4	5,921	413	538	271	898	660	300	1,368
Illinois <sup>1</sup> .....	50,949	2.6	42,223	1,795	5,674	447	4,896	3,220	97	10,697
Indiana .....	17,863	1.7	13,872	1,266	2,476	249	1,143	844	77	2,897
Iowa .....	6,774	1.3	4,753	507	1,410	104	1,214	629	64	1,372
Kansas .....	9,265	1.9	7,646	635	851	133	1,149	1,209	234	1,687
Kentucky .....	27,603	4.0	21,328	1,057	3,465	1,753	2,869	1,855	298	5,397
Louisiana .....	20,254	2.8	17,122	744	1,519	869	2,215	50	74	3,385
Maine .....	2,271	1.3	1,383	345	472	71	931	207	1	1,303
Maryland .....	16,267	1.8	12,810	1,549	1,641	267	2,110	1,343	46	2,895
Massachusetts .....	20,929	2.2	9,780	2,747	8,250	152	968	5,921	22	5,557
Michigan .....	39,092	2.5	27,923	2,514	8,044	611	5,077	1,737	545	8,522
Minnesota .....	16,550	1.9	9,526	1,335	5,273	416	2,226	1,639	120	3,962
Mississippi .....	9,284	1.9	8,630	203	380	71	219	218	6	1,212
Missouri .....	32,133	3.5	26,707	2,021	2,827	578	2,996	1,052	15	5,764
Montana .....	3,003	2.1	2,141	357	256	249	481	131	21	665
Nebraska .....	3,422	1.1	2,023	331	858	210	453	729	276	768
Nevada .....	20,696	4.4	15,150	2,771	2,292	483	1,015	3,106	18	3,024
New Hampshire .....	3,349	1.8	2,499	353	380	117	251	127	13	932
New Jersey .....	10,391	0.7	8,540	760	1,060	31	0	830	16	2,509
New Mexico .....	10,071	3.0	7,930	438	855	844	1,098	2,251	39	2,157
New York .....	140,373	5.2	88,580	2,623	43,102	6,068	9,741	28,469	323	31,570
North Carolina <sup>1</sup> .....	26,361	1.7	19,131	3,565	2,667	1,163	2,454	1,572	99	4,682
North Dakota .....	2,230	2.1	1,440	151	268	371	193	157	0	405
Ohio .....	29,403	1.7	22,533	1,607	4,852	411	1,886	615	13	6,123
Oklahoma .....	26,268	3.8	21,958	642	2,439	1,229	2,845	3,165	61	5,124
Oregon .....	22,958	3.8	17,354	1,194	2,030	2,380	3,287	2,799	1,125	4,478
Pennsylvania .....	23,164	1.3	14,362	1,490	7,016	296	4,522	1,574	725	5,685
Rhode Island <sup>10</sup> .....	1,049	0.7	672	104	259	14	36	75	—	273
South Carolina .....	14,140	1.9	9,423	2,130	1,581	1,006	1,178	653	127	2,678
South Dakota .....	1,958	1.5	1,113	354	435	56	135	80	4	484
Tennessee <sup>1</sup> .....	15,404	1.5	11,154	1,739	1,370	278	759	685	39	2,351
Texas .....	115,676	2.2	91,348	8,263	11,474	4,591	17,306	18,936	1,262	13,849
Utah .....	15,094	2.3	13,005	459	994	636	2,039	2,478	65	3,120
Vermont .....	1,098	1.2	670	224	146	58	65	36	5	301
Virginia .....	18,577	1.4	13,425	2,749	2,161	242	2,523	2,956	96	3,571
Washington .....	39,127	3.6	28,582	2,399	6,023	2,123	3,712	6,494	1,797	7,977
West Virginia <sup>1,10</sup> .....	9,320	3.4	6,896	228	1,684	299	295	175	—	2,157
Wisconsin .....	18,592	2.1	14,338	1,305	2,675	274	2,165	1,309	49	4,005
Wyoming .....	1,625	1.7	920	201	445	59	1,625	107	4	283
Bureau of Indian Education <sup>1,10</sup> ...	2,853	—	1,867	63	269	51	45	487	—	610
Puerto Rico <sup>10</sup> .....	4,001	1.1	2,386	0	1,372	243	3	30	—	1,484

—Not available.

<sup>1</sup>The counts by primary nighttime residence do not sum to the total number of homeless students because of missing data on primary nighttime residence or grade.

<sup>2</sup>Represents the sum of counts by grade.

<sup>3</sup>Refers to temporarily sharing the housing of other persons due to loss of housing, economic hardship, or other reasons (such as domestic violence).

<sup>4</sup>Includes living in cars, parks, campgrounds, temporary trailers—including Federal Emergency Management Agency (FEMA) trailers—or abandoned buildings.

<sup>5</sup>Youth who are not in the physical custody of a parent or guardian. Includes youth living on their own and youth living with a caregiver who is not their legal guardian.

<sup>6</sup>Students who met the definition of limited English proficient students as outlined in the EDFacts workbook. For more information, see <https://www2.ed.gov/about/inits/ed/edfacts/eden-workbook.html>.

<sup>7</sup>Students who met the definition of eligible migrant children as outlined in the EDFacts workbook. Such students are either migratory workers or the children or spouses of migratory workers and have moved within the preceding 36 months in order to obtain, or to accompany parents or spouses who moved in order to obtain, temporary or seasonal employment in agricultural or fishing work. For more information, see <https://www2.ed.gov/about/inits/ed/edfacts/eden-workbook.html>.

<sup>8</sup>Includes only students with disabilities who were served under the Individuals with Disabilities Education Act (IDEA).

<sup>9</sup>California's 2015–16 homeless count decreased from years prior to 2014–15 in part because changes were made to the state's data collection systems as of 2014–15. For more information, see section 1.9.1.1 of California's 2014–15 *Consolidated State Performance Report*, available at <https://www2.ed.gov/admins/lead/account/consolidated/sy14-15part1/ca.pdf>.

<sup>10</sup>Did not operate a migrant education program during the 2015–16 school year and therefore had no data to provide on migrant homeless students.

NOTE: Homeless students are defined as children/youth who lack a fixed, regular, and adequate nighttime residence. For more information, see "C118 - Homeless Students Enrolled" at <https://www2.ed.gov/about/inits/ed/edfacts/sy-15-16-nonxml.html>. Data are reported at the state level and include all homeless students enrolled at any time during the school year.

SOURCE: U.S. Department of Education, National Center for Education Statistics, EDFacts file 118, Data Group 655, extracted June 21, 2018, from the EDFacts Data Warehouse (Internal U.S. Department of Education Source); and Common Core of Data (CCD), "State Nonfiscal Survey of Public Elementary and Secondary Education," 2015–16. (This table was prepared June 2018.)

**Table 204.75e. Number and percentage of homeless students enrolled in public elementary and secondary schools in the 120 largest school districts, by primary nighttime residence and selected student characteristics: 2015–16**

Name of district	State	Rank order, by total enrollment	Total enrollment	All homeless students						Number of homeless students with selected characteristics			
				Total number of homeless students enrolled <sup>2</sup>	Homeless students as a percent of total enrollment	Number, by primary nighttime residence <sup>1</sup>				Unaccompanied homeless youth <sup>5</sup>	English language learners <sup>6</sup>	Migrant students <sup>7</sup>	Students with disabilities <sup>8</sup>
						Doubled-up or shared housing <sup>3</sup>	Hotels or motels	Shelters, transitional housing, or awaiting foster care placement	Unsheltered <sup>4</sup>				
1	2	3	4	5	6	7	8	9	10	11	12	13	14
New York City .....	NY	1	981,667	126,967	12.9	68,374	229	51,713	6,418	8,069	27,362	±	32,850
Los Angeles Unified .....	CA	2	639,337	9,334	1.5	5,600	775	1,286	1,673	52	3,022	12	1,340
City of Chicago (SD 299) .....	IL	3	387,311	18,537	4.8	15,888	125	2,154	213	2,285	920	±	3,536
Dade .....	FL	4	357,579	6,079	1.7	4,460	295	1,111	213	248	1,085	13	757
Clark County .....	NV	5	325,990	14,598	4.5	10,906	2,226	1,285	181	742	2,498	6	1,815
Broward .....	FL	6	269,098	2,259	0.8	1,447	233	527	52	423	200	5	425
Houston ISD .....	TX	7	215,627	5,911	2.7	4,612	223	876	200	683	1,595	14	518
Hillsborough .....	FL	8	211,923	3,311	1.6	2,346	424	433	108	244	382	31	581
Orange .....	FL	9	196,951	6,835	3.5	4,669	1,642	448	76	344	1,036	13	1,065
Palm Beach .....	FL	10	189,322	3,756	2.0	2,555	281	797	123	296	783	100	715
Fairfax County .....	VA	11	185,828	2,312	1.2	1,769	136	399	8	805	1,140	±	457
Hawaii Department of Education .....	HI	12	181,995	3,790	2.1	2,108	5	1,247	430	19	623	42	663
Gwinnett County .....	GA	13	176,052	1,965	1.1	794	1,005	135	31	63	103	6	391
Dallas ISD .....	TX	14	158,604	3,576	2.3	1,884	437	988	267	187	736	±	336
Wake County .....	NC	15	157,839	2,746	1.7	1,859	568	305	14	74	166	±	672
Montgomery County .....	MD	16	156,380	1,227	0.8	879	155	187	6	82	264	±	241
Charlotte-Mecklenburg .....	NC	17	146,211	3,896	2.7	2,577	765	521	33	186	118	±	520
Philadelphia City .....	PA	18	134,044	3,146	2.3	1,375	±	1,750	±	583	314	19	444
San Diego Unified .....	CA	19	129,380	7,082	5.5	5,809	303	820	150	334	2,658	4	1,091
Duval .....	FL	20	129,192	2,254	1.7	1,843	161	233	17	316	130	±	317
Prince George's County .....	MD	21	128,936	2,811	2.2	2,356	168	271	16	526	458	±	448
Shelby County .....	TN	22	114,487	651	0.6	347	142	147	15	12	7	±	72
Cypress-Fairbanks ISD .....	TX	23	113,936	1,543	1.4	1,187	257	86	13	132	168	±	208
Cobb County .....	GA	24	112,708	1,624	1.4	883	592	126	23	39	68	7	272
Baltimore County .....	MD	25	111,138	2,984	2.7	2,438	257	248	41	492	243	±	549
Northside ISD .....	TX	26	105,110	1,591	1.5	1,127	238	204	22	161	127	7	260
Pinellas .....	FL	27	103,495	3,501	3.4	2,385	480	554	82	473	232	±	730
Polk .....	FL	28	101,635	3,566	3.5	2,666	452	280	168	369	435	121	581
DeKalb County .....	GA	29	101,389	1,569	1.5	766	598	128	77	41	36	±	227
Jefferson County .....	KY	30	100,777	6,025	6.0	3,579	322	2,008	116	89	1,248	±	753
Fulton County .....	GA	31	95,641	1,470	1.5	877	368	204	21	77	64	±	231
Lee .....	FL	32	91,309	1,288	1.4	834	225	186	43	130	154	101	205
Albuquerque .....	NM	33	90,566	2,823	3.1	1,644	181	309	689	618	724	±	777
Denver .....	CO	34	90,235	2,519	2.8	1,472	316	680	51	117	276	10	247
Prince William County .....	VA	35	87,793	427	0.5	190	108	119	10	16	37	±	105
Fort Worth ISD .....	TX	36	87,080	2,389	2.7	1,672	188	467	62	390	417	±	246
Jefferson County, No. R1 .....	CO	37	86,731	2,733	3.2	2,137	307	227	62	256	320	6	493
Davidson County .....	TN	38	85,598	2,924	3.4	2,207	421	276	20	123	118	±	355
Baltimore City .....	MD	39	83,666	1,981	2.4	1,682	17	189	93	121	40	±	396
Austin ISD .....	TX	40	83,648	2,659	3.2	2,062	275	293	29	286	561	±	442
Anne Arundel County .....	MD	41	80,387	1,112	1.4	902	±	109	±	191	53	±	211
Long Beach Unified .....	CA	42	77,812	6,024	7.7	5,303	273	387	61	±	1,453	7	735
Alpine .....	UT	43	76,938	37	#	32	±	±	±	9	6	±	7
Greenville, 01 .....	SC	44	76,315	998	1.3	546	229	219	4	17	45	3	238
Loudoun County .....	VA	45	76,202	1,833	2.4	1,704	52	70	7	408	965	±	266

See notes at end of table.

**Table 204.75e. Number and percentage of homeless students enrolled in public elementary and secondary schools in the 120 largest school districts, by primary nighttime residence and selected student characteristics: 2015–16—Continued**

Name of district	State	Rank order, by total enrollment	Total enrollment	All homeless students						Number of homeless students with selected characteristics			
				Total number of homeless students enrolled <sup>2</sup>	Homeless students as a percent of total enrollment	Number, by primary nighttime residence <sup>1</sup>				Unaccompanied homeless youth <sup>5</sup>	English language learners <sup>6</sup>	Migrant students <sup>7</sup>	Students with disabilities <sup>8</sup>
						Doubled-up or shared housing <sup>3</sup>	Hotels or motels	Shelters, transitional housing, or awaiting foster care placement	Unsheltered <sup>4</sup>				
1	2	3	4	5	6	7	8	9	10	11	12	13	14
Milwaukee .....	WI	46	75,749	4,271	5.6	3,269	128	852	22	678	363	±	963
Fresno Unified .....	CA	47	73,460	2,665	3.6	2,213	181	232	39	1,103	324	13	378
Guilford County .....	NC	48	73,151	2,624	3.6	2,324	170	122	8	62	218	±	401
Fort Bend ISD .....	TX	49	73,115	963	1.3	763	67	112	21	141	77	±	147
Katy ISD .....	TX	50	72,952	954	1.3	836	83	9	26	82	175	±	113
Brevard .....	FL	51	72,704	1,969	2.7	1,533	188	169	79	200	96	±	449
Davis .....	UT	52	71,721	1,379	1.9	1,203	40	64	72	53	115	±	308
Pasco .....	FL	53	70,566	2,087	3.0	1,515	223	307	42	322	133	10	481
Aldine ISD .....	TX	54	70,417	780	1.1	549	135	83	13	12	142	±	81
Granite .....	UT	55	70,100	1,259	1.8	1,022	77	29	31	178	237	±	225
Virginia Beach City .....	VA	56	69,777	738	1.1	395	236	93	14	98	7	±	132
North East ISD .....	TX	57	67,779	1,422	2.1	1,109	193	99	21	54	83	3	192
Seminole .....	FL	58	66,996	1,897	2.8	1,437	289	149	22	113	141	±	396
Douglas County, No. RE1 .....	CO	59	66,896	676	1.0	511	96	63	6	110	102	3	95
Washoe County .....	NV	60	66,504	3,394	5.1	2,041	391	716	246	167	430	±	725
Mesa Unified .....	AZ	61	64,367	931	1.4	622	104	139	49	284	47	±	65
Arlington ISD .....	TX	62	63,210	3,096	4.9	2,337	452	257	50	351	367	3	320
Volusia .....	FL	63	62,928	2,168	3.4	1,664	280	178	46	201	152	6	481
Elk Grove Unified .....	CA	64	62,767	537	0.9	390	74	59	14	36	53	±	129
Osceola .....	FL	65	61,893	3,561	5.8	2,439	942	87	93	73	961	6	533
Knox County .....	TN	66	60,308	568	0.9	253	153	±	±	123	6	±	112
El Paso ISD .....	TX	67	60,047	1,187	2.0	729	24	409	25	218	486	22	154
Chesterfield County .....	VA	68	59,659	708	1.2	552	128	25	3	104	42	±	144
San Francisco Unified .....	CA	69	58,865	2,368	4.0	1,348	275	697	48	10	771	40	438
Conroe ISD .....	TX	70	58,239	635	1.1	494	49	87	5	56	123	±	79
Mobile County .....	AL	71	57,581	4,478	7.8	4,063	114	253	48	±	60	35	623
Garland ISD .....	TX	72	57,517	1,869	3.2	1,705	129	23	12	171	631	±	185
Pasadena ISD .....	TX	73	56,019	1,734	3.1	1,540	113	69	12	228	395	26	210
Santa Ana Unified .....	CA	74	55,909	6,596	11.8	6,296	183	93	24	550	3,124	120	919
Winston-Salem/Forsyth County .....	NC	75	54,984	481	0.9	275	64	135	7	31	16	±	78
Howard County .....	MD	76	54,870	510	0.9	289	113	96	12	56	23	±	75
Cherry Creek, No. 5 .....	CO	77	54,730	134	0.2	72	38	±	5	±	6	±	27
Plano ISD .....	TX	78	54,570	493	0.9	215	168	93	17	9	47	±	107
Clayton County .....	GA	79	54,136	2,143	4.0	1,494	468	156	25	14	21	±	273
Boston .....	MA	80	53,885	3,873	7.2	1,065	649	2,094	65	37	1,421	±	892
Capistrano Unified .....	CA	81	53,878	2,603	4.8	2,463	36	73	31	17	1,373	6	407
Lewisville ISD .....	TX	82	53,490	897	1.7	495	377	14	11	67	131	±	164
Corona-Norco Unified .....	CA	83	53,354	1,112	2.1	1,008	70	18	16	11	206	±	252
Seattle .....	WA	84	53,317	3,502	6.6	2,011	142	1,264	85	533	750	37	699
San Bernardino City Unified .....	CA	85	53,303	6,935	13.0	6,528	159	184	64	93	2,255	±	824
Frisco ISD .....	TX	86	53,300	151	0.3	118	19	±	±	39	12	±	30
San Antonio ISD .....	TX	87	53,069	3,105	5.9	1,242	100	663	1,100	621	278	32	372
Jordan .....	UT	88	52,985	1,822	3.4	1,757	13	49	3	204	288	±	370
Omaha .....	NE	89	51,966	927	1.8	378	73	443	33	43	110	9	251
Henrico County .....	VA	90	51,534	826	1.6	560	206	54	6	99	19	±	172

See notes at end of table.

**Table 204.75e. Number and percentage of homeless students enrolled in public elementary and secondary schools in the 120 largest school districts, by primary nighttime residence and selected student characteristics: 2015–16—Continued**

Name of district	State	Rank order, by total enrollment	Total enrollment	All homeless students						Number of homeless students with selected characteristics			
				Total number of homeless students enrolled <sup>2</sup>	Homeless students as a percent of total enrollment	Number, by primary nighttime residence <sup>1</sup>				Unaccompanied homeless youth <sup>5</sup>	English language learners <sup>6</sup>	Migrant students <sup>7</sup>	Students with disabilities <sup>8</sup>
						Doubled-up or shared housing <sup>3</sup>	Hotels or motels	Shelters, transitional housing, or awaiting foster care placement	Unsheltered <sup>4</sup>				
1	2	3	4	5	6	7	8	9	10	11	12	13	14
Atlanta .....	GA	91	51,500	3,088	6.0	2,003	301	757	27	27	9	±	392
Cumberland County .....	NC	92	51,187	566	1.1	352	147	53	14	124	20	±	106
Wichita .....	KS	93	50,943	2,476	4.9	2,021	172	255	28	159	471	52	424
Klein ISD .....	TX	94	50,594	210	0.4	143	50	8	9	45	27	±	28
Columbus City .....	OH	95	50,028	2,607	5.2	1,540	152	900	15	142	84	±	465
San Juan Unified .....	CA	96	49,564	2,833	5.7	2,463	146	169	55	353	404	±	477
Oakland Unified .....	CA	97	49,098	961	2.0	749	67	116	29	3	116	±	180
Jefferson Parish .....	LA	98	48,389	687	1.4	665	6	16	±	3	5	±	71
Manatee .....	FL	99	48,356	1,578	3.3	1,297	123	121	37	116	374	159	328
Portland, SD1J .....	OR	100	48,345	1,800	3.7	1,308	134	216	142	209	199	58	351
District of Columbia <sup>9</sup> .....	DC	101	48,336	3,810	7.9	1,431	225	1,672	111	171	171	—	747
Anchorage .....	AK	102	48,324	2,899	6.0	1,689	236	819	155	666	567	368	753
Charleston, 01 .....	SC	103	48,084	447	0.9	187	125	59	76	10	32	±	89
Tucson Unified .....	AZ	104	47,839	2,320	4.8	1,505	45	748	5	±	135	±	494
Round Rock ISD .....	TX	105	47,827	796	1.7	569	122	105	±	130	108	±	122
Brownsville ISD .....	TX	106	47,749	2,507	5.3	2,150	76	71	210	654	1,230	120	320
Alief ISD .....	TX	107	47,265	1,596	3.4	1,338	157	76	25	70	384	±	142
Sacramento City Unified .....	CA	108	46,843	1,126	2.4	882	96	136	12	8	76	±	151
Detroit City .....	MI	109	46,616	605	1.3	344	48	191	22	26	13	±	138
Collier .....	FL	110	45,994	802	1.7	522	65	207	8	325	155	67	127
Socorro ISD .....	TX	111	45,269	633	1.4	551	5	70	7	43	136	10	73
Garden Grove Unified .....	CA	112	45,252	922	2.0	736	95	65	26	3	399	±	160
Hamilton County .....	TN	113	44,413	1,305	2.9	942	±	282	±	3	44	±	169
Forsyth County .....	GA	114	44,286	608	1.4	405	50	141	12	15	121	±	112
United ISD .....	TX	115	43,710	293	0.7	112	29	53	99	34	162	25	43
Killeen ISD .....	TX	116	43,258	1,485	3.4	1,261	67	136	21	351	85	4	192
Horry, 01 .....	SC	117	43,188	843	2.0	507	251	73	12	68	54	±	173
Rutherford County .....	TN	118	43,085	1,272	3.0	974	197	75	26	175	80	±	198
Chandler Unified .....	AZ	119	42,843	679	1.6	482	33	85	70	33	12	17	127
Marion .....	FL	120	42,786	2,493	5.8	1,973	269	222	29	421	164	±	494

—Not available.

#Rounds to zero.

±Reporting standards not met (see data file documentation at <https://www2.ed.gov/about/inits/ed/edfacts/data-files/school-status-data.html>).

<sup>1</sup>The counts by primary nighttime residence may not sum to the total number of homeless students because of missing or suppressed data on primary nighttime residence.

<sup>2</sup>Represents the sum of counts by grade.

<sup>3</sup>Refers to temporarily sharing the housing of other persons due to loss of housing, economic hardship, or other reasons (such as domestic violence).

<sup>4</sup>Includes living in cars, parks, campgrounds, temporary trailers—including Federal Emergency Management Agency (FEMA) trailers—or abandoned buildings.

<sup>5</sup>Youth who are not in the physical custody of a parent or guardian. Includes youth living on their own and youth living with a caregiver who is not their legal guardian.

<sup>6</sup>Students who met the definition of limited English proficient students as outlined in the ED Facts workbook. For more information, see <https://www2.ed.gov/about/inits/ed/edfacts/eden-workbook.html>.

<sup>7</sup>Students who met the definition of eligible migrant children as outlined in the ED Facts workbook. Such students are either migratory workers or the children or spouses of migratory workers and have moved within the preceding 36 months in order to obtain, or to accompany parents or spouses who moved in order to obtain, temporary or seasonal employment in agricultural or fishing work. For more information, see <https://www2.ed.gov/about/inits/ed/edfacts/eden-workbook.html>.

<sup>8</sup>Includes only students with disabilities who were served under the Individuals with Disabilities Education Act (IDEA).

<sup>9</sup>The District of Columbia did not operate a migrant education program during the 2015–16 school year and therefore had no data to provide on migrant homeless students.

NOTE: Homeless students are defined as children/youth who lack a fixed, regular, and adequate nighttime residence. For more information, see “C118 - Homeless Students Enrolled” at <https://www2.ed.gov/about/inits/ed/edfacts/sy-15-16-nonxml.html>. Data include all homeless students enrolled at any time during the school year. ISD = independent school district.

SOURCE: U.S. Department of Education, Office of Elementary and Secondary Education, Homeless Students Enrolled (C118), 2015–16, retrieved August 16, 2018, from <https://www2.ed.gov/about/inits/ed/edfacts/data-files/school-status-data.html>; and National Center for Education Statistics, Common Core of Data (CCD), “Local Education Agency Universe Survey,” 2015–16. (This table was prepared August 2018.)

**Table 204.90. Percentage of public school students enrolled in gifted and talented programs, by sex, race/ethnicity, and state: Selected years, 2004 through 2013–14**

[Standard errors appear in parentheses]

State	2004, total	2006, total	2011–12, total <sup>1</sup>	2013–14 <sup>1</sup>									
				Total	Sex		Race/ethnicity						
					Male	Female	White	Black	Hispanic	Asian	Pacific Islander	American Indian/Alaska Native	Two or more races
1	2	3	4	5	6	7	8	9	10	11	12	13	14
<b>United States</b>	<b>6.7 (0.05)</b>	<b>6.7 (0.04)</b>	<b>6.4</b>	<b>6.7</b>	<b>6.4</b>	<b>7.0</b>	<b>7.7</b>	<b>4.3</b>	<b>4.9</b>	<b>13.3</b>	<b>4.4</b>	<b>5.2</b>	<b>6.9</b>
Alabama	4.8 (0.11)	5.5 (0.06)	8.4	8.4	8.0	8.9	11.2	3.9	4.9	17.6	6.9	11.7	5.7
Alaska	4.1 (0.19)	4.1 (0.19)	4.7	4.9	4.7	5.2	6.8	3.0	4.3	6.3	2.3	0.9	6.5
Arizona	5.9 (0.17)	6.3 (0.11)	5.8	4.8	5.0	4.6	6.6	2.3	3.4	9.9	3.3	1.7	5.5
Arkansas	9.9 (0.65)	9.5 (0.43)	9.8	9.8	8.9	10.9	11.1	8.5	5.5	16.2	2.2	6.2	6.3
California	8.4 (0.18)	8.3 (0.21)	8.2	7.8	7.6	8.1	9.7	4.5	5.8	15.1	8.1	5.3	9.0
Colorado	6.7 (0.11)	6.8 (0.11)	6.5	7.7	7.9	7.5	9.6	4.1	4.4	12.8	6.4	4.3	9.0
Connecticut	3.0 (0.32)	3.8 (0.41)	2.3	2.2	2.0	2.4	2.7	1.1	1.0	4.6	0.5	1.1	2.4
Delaware	4.6 <sup>†</sup>	(†)	5.6 <sup>†</sup>	(†)	2.0	2.3	2.1	2.5	2.9	1.4	1.2	6.1	0.7–2.0
District of Columbia	—	(†)	—	(†)	0.1	#	#	#	0.1	#	0.1–0.3	0.0	0.0
Florida	4.5 (0.06)	4.7 (0.05)	5.4	5.8	5.6	5.9	7.6	2.3	5.3	13.3	4.1	4.3	6.2
Georgia	8.9 (0.30)	9.3 (0.35)	10.4	12.9	12.1	13.8	16.1	10.4	6.5	26.5	9.0	10.5	12.5
Hawaii	5.7 (0.57)	6.2 <sup>†</sup>	(†)	1.4	3.0	2.4	3.5	4.4	2.1	1.6	4.2	1.7	4.2
Idaho	3.9 (0.23)	4.2 (0.20)	3.0	3.6	3.5	3.7	4.1	2.2	1.4	7.1	2.7	1.9	2.9
Illinois	5.4 (0.22)	5.8 (0.24)	3.5	6.8	6.5	7.1	5.7	7.7	6.7	15.4	10.9	6.4	7.1
Indiana	7.1 (0.49)	7.9 (0.40)	12.6	12.1	11.6	12.6	14.0	4.9	6.5	20.8	8.7	9.5	9.8
Iowa	8.5 (0.38)	8.2 (0.26)	9.3	9.4	9.2	9.7	10.5	3.2	4.2	13.9	4.4	4.1	7.9
Kansas	3.3 (0.11)	3.0 (0.12)	2.9	2.7	2.8	2.5	3.2	0.9	0.9	6.8	1.9	1.6	2.5
Kentucky	13.0 (0.54)	14.6 (0.50)	12.7	15.8	14.7	17.0	17.3	7.9	7.5	26.8	14.6	10.9	11.7
Louisiana	3.9 (0.32)	3.4 (0.13)	3.0	4.2	3.7	4.8	5.8	2.3	3.6	14.8	5.2	2.8	4.3
Maine	3.0 (0.36)	3.2 (0.19)	4.6	4.9	4.5	5.3	5.0	2.4	2.6	8.0	3.5	3.1	3.7
Maryland	13.8 <sup>†</sup>	(†)	16.1 <sup>†</sup>	(†)	15.8	16.0	14.7	17.4	17.5	11.1	14.0	39.4	10.1
Massachusetts	0.8 (0.13)	0.7 (0.10)	0.7	0.5	0.4	0.5	0.4	0.6	0.4	1.0	0.4	0.3	0.5
Michigan	3.9 (0.37)	3.4 (0.29)	1.9	1.3	1.2	1.4	1.5	0.7	0.6	3.0	1.6	1.0	0.7
Minnesota	8.1 (0.37)	8.8 (0.28)	8.0	7.2	7.1	7.4	7.2	6.0	4.7	14.9	4.6	2.5	5.8
Mississippi	6.0 (0.19)	6.1 (0.20)	6.7	6.7	6.3	7.1	10.2	3.5	5.7	14.7	10.7	3.3	4.8
Missouri	3.8 (0.12)	3.6 (0.11)	4.0	4.2	4.1	4.3	4.5	2.2	2.7	11.6	2.2	3.0	3.9
Montana	5.6 (0.28)	5.2 (0.20)	4.2	3.8	3.9	3.7	4.2	2.4	2.0	6.5	3.4	1.7	2.5
Nebraska	11.4 (0.31)	11.4 (0.24)	11.8	12.0	11.5	12.6	13.5	8.3	6.9	19.9	8.7	5.6	11.7
Nevada	1.9 (0.01)	1.9 <sup>†</sup>	(†)	2.0	3.3	3.3	3.3	5.4	0.9	1.7	5.5	2.0	1.8
New Hampshire	2.3 (0.55)	2.6 (0.54)	1.4	1.2	1.2	1.2	1.2	0.4	0.3	1.6	0.0	0.7	1.1
New Jersey	6.9 (0.38)	7.0 (0.35)	6.5	5.9	5.4	6.5	7.1	3.1	2.9	11.9	7.5	2.9	4.6
New Mexico	10.7 (0.26)	4.0 (0.14)	4.6	4.5	4.6	4.3	8.2	3.3	3.1	13.4	5.7	2.6	5.8
New York	2.2 (0.18)	2.9 (0.13)	1.5	1.7	1.6	1.9	2.2	0.9	0.6	3.6	1.9	1.1	2.1
North Carolina	10.9 (0.83)	10.8 (0.42)	10.6	10.0	9.8	10.3	14.4	4.0	4.5	18.7	7.9	5.9	9.8
North Dakota	3.1 (0.30)	2.8 (0.18)	3.3	2.3	2.3	2.2	2.2	1.7	0.7	6.2	3.1	3.1	0.1–0.2
Ohio	7.4 (0.40)	7.3 (0.33)	3.7	4.3	4.2	4.3	4.9	1.4	1.9	11.2	1.8	3.5	3.5
Oklahoma	14.0 (0.45)	13.7 (0.39)	13.9	13.7	13.1	14.3	16.5	7.6	7.7	26.5	8.5	13.3	11.1
Oregon	7.1 (0.20)	6.9 (0.16)	6.8	6.5	6.7	6.3	7.4	3.1	2.6	16.6	3.0	2.5	7.6
Pennsylvania	4.8 (0.19)	4.5 (0.17)	3.8	3.7	3.7	3.7	4.4	1.0	1.2	8.8	3.3	2.0	2.7
Rhode Island	1.8 (0.38)	1.4 (0.21)	0.5	0.3	0.3	0.3	0.2	0.5	0.6	0.6	0.0	0.1–0.2	0.1
South Carolina	12.7 (0.98)	11.0 (0.57)	12.0	13.4	12.0	14.9	18.7	6.5	7.2	25.6	14.1	8.2	11.7
South Dakota	2.2 (0.20)	2.7 (0.17)	2.0	2.0	2.0	1.9	2.3	0.8	0.7	4.5	3.0	0.4	1.3
Tennessee	3.3 (0.18)	1.7 (0.10)	2.5	1.6	1.6	1.6	2.0	0.6	0.7	4.0	1.8	1.3	1.5
Texas	8.0 (0.10)	7.6 (0.07)	7.7	7.6	7.4	7.9	10.6	4.0	6.0	18.3	6.6	5.8	8.2
Utah	4.6 (0.29)	5.0 (0.05)	3.9	4.7	4.4	5.0	4.9	3.7	3.4	10.7	5.6	2.2	3.4
Vermont	0.8 (0.17)	0.8 (0.15)	0.3	0.4	0.4	0.4	0.4	0.3	0.1–0.3	0.6	0.9–2.6	0.2–0.6	0.1–0.2
Virginia	12.1 (0.38)	12.6 (0.32)	11.8	12.1	11.6	12.6	14.6	6.0	7.5	22.6	11.3	8.4	13.4
Washington	3.8 (0.10)	3.9 (0.13)	3.5	3.3	3.2	3.4	3.7	1.3	1.9	6.7	1.3	1.2	3.1
West Virginia	2.2 (0.19)	2.2 (0.21)	1.9	2.1	2.1	2.1	2.1	1.3	1.1	10.2	5.4	1.9	1.7
Wisconsin	6.8 (0.47)	6.4 (0.35)	6.0	6.2	6.0	6.4	6.5	5.2	4.7	8.8	3.0	2.1	5.5
Wyoming	3.2 <sup>!</sup>	(1.04)	2.2 (0.35)	3.3	3.6	3.6	3.7	4.2	2.4	1.3	5.6	3.1	0.9

—Not available.

†Not applicable.

#Rounds to zero.

!Interpret data with caution. The coefficient of variation (CV) for this estimate is between 30 and 50 percent.

<sup>1</sup>Data are based on universe counts of schools and school districts; therefore, these figures do not have standard errors.

NOTE: Race categories exclude persons of Hispanic ethnicity. Percentages based on counts of between 1 and 3 gifted and talented students are displayed as ranges to protect student privacy.

SOURCE: U.S. Department of Education, Office for Civil Rights, Civil Rights Data Collection: 2004, 2006, 2011–12, and 2013–14. (This table was prepared June 2018.)

**Table 205.10. Private elementary and secondary school enrollment and private enrollment as a percentage of total enrollment in public and private schools, by region and grade level: Selected years, fall 1995 through fall 2015**

[Standard errors appear in parentheses]

Grade level and year	Total private enrollment		Private enrollment, by region								
			Northeast		Midwest		South		West		
	In thousands	Percent of total enrollment	In thousands	Percent of total enrollment in Northeast	In thousands	Percent of total enrollment in Midwest	In thousands	Percent of total enrollment in South	In thousands	Percent of total enrollment in West	
1	2	3	4	5	6	7	8	9	10	11	
<b>Total, all grades</b>											
1995 .....	5,918 (31.8)	11.7 (0.06)	1,509 (18.8)	16.0 (0.20)	1,525 (14.2)	12.7 (0.12)	1,744 (12.8)	9.8 (0.07)	1,141 (11.5)	10.0 (0.10)	
1997 .....	5,944 (18.5)	11.4 (0.04)	1,496 (8.3)	15.6 (0.09)	1,528 (11.6)	12.5 (0.10)	1,804 (11.3)	9.8 (0.06)	1,116 (5.2)	9.4 (0.04)	
1999 .....	6,018 (30.2)	11.4 (0.06)	1,507 (7.9)	15.5 (0.08)	1,520 (10.3)	12.4 (0.09)	1,863 (26.7)	10.0 (0.14)	1,127 (5.4)	9.2 (0.04)	
2001 .....	6,320 (40.3)	11.7 (0.08)	1,581 (9.5)	16.1 (0.10)	1,556 (22.9)	12.6 (0.19)	1,975 (21.4)	10.3 (0.11)	1,208 (23.4)	9.6 (0.19)	
2003 .....	6,099 (41.2)	11.2 (0.08)	1,513 (25.8)	15.4 (0.27)	1,460 (15.1)	11.9 (0.12)	1,944 (21.0)	9.9 (0.11)	1,182 (19.1)	9.1 (0.15)	
2005 .....	6,073 (42.4)	11.0 (0.08)	1,430 (7.7)	14.8 (0.08)	1,434 (21.0)	11.7 (0.17)	1,976 (24.7)	9.8 (0.12)	1,234 (26.3)	9.4 (0.20)	
2007 .....	5,910 (28.4)	10.7 (0.05)	1,426 (11.0)	14.9 (0.12)	1,352 (8.3)	11.2 (0.07)	1,965 (21.5)	9.6 (0.11)	1,167 (12.3)	8.9 (0.09)	
2009 .....	5,488 (35.9)	10.0 (0.07)	1,310 (15.7)	14.0 (0.17)	1,296 (25.9)	10.8 (0.22)	1,842 (17.6)	9.1 (0.09)	1,041 (8.0)	8.0 (0.06)	
2011 .....	5,268 (24.9)	9.7 (0.04)	1,252 (18.0)	13.7 (0.17)	1,263 (17.1)	10.7 (0.13)	1,747 (2.6)	8.5 (0.01)	1,006 (0.4)	7.8 (#)	
2013 .....	5,396 (50.3)	9.8 (0.08)	1,201 (9.5)	13.2 (0.09)	1,326 (45.2)	11.2 (0.34)	1,840 (8.3)	8.7 (0.04)	1,028 (18.3)	7.9 (0.13)	
2015 .....	5,751 (85.7)	10.3 (0.14)	1,314 (37.3)	14.3 (0.35)	1,408 (54.5)	11.9 (0.40)	1,965 (53.2)	9.1 (0.22)	1,062 (12.5)	8.0 (0.09)	
<b>Prekindergarten through grade 8</b>											
1995 .....	4,756 (28.4)	12.8 (0.08)	1,174 (16.8)	17.2 (0.25)	1,238 (13.5)	14.3 (0.16)	1,413 (11.9)	10.7 (0.09)	931 (9.2)	11.1 (0.11)	
1997 .....	4,759 (17.3)	12.6 (0.05)	1,165 (8.3)	16.8 (0.12)	1,235 (11.0)	14.1 (0.13)	1,449 (10.0)	10.8 (0.07)	909 (4.4)	10.5 (0.05)	
1999 .....	4,789 (23.1)	12.5 (0.06)	1,168 (7.5)	16.7 (0.11)	1,222 (8.4)	13.9 (0.10)	1,487 (19.6)	10.9 (0.14)	913 (4.4)	10.4 (0.05)	
2001 .....	5,023 (36.1)	12.9 (0.09)	1,216 (9.4)	17.3 (0.14)	1,253 (21.2)	14.3 (0.24)	1,584 (17.8)	11.3 (0.13)	969 (21.2)	10.6 (0.23)	
2003 .....	4,788 (30.3)	12.3 (0.08)	1,131 (7.8)	16.4 (0.11)	1,167 (13.6)	13.5 (0.16)	1,547 (18.6)	10.9 (0.13)	944 (18.1)	10.2 (0.20)	
2005 .....	4,724 (33.0)	12.1 (0.09)	1,063 (6.6)	15.9 (0.10)	1,142 (19.3)	13.3 (0.23)	1,551 (21.2)	10.7 (0.15)	969 (15.0)	10.5 (0.16)	
2007 .....	4,546 (21.9)	11.7 (0.06)	1,047 (6.3)	16.0 (0.10)	1,065 (7.7)	12.6 (0.09)	1,525 (17.7)	10.4 (0.12)	909 (8.1)	9.9 (0.09)	
2009 .....	4,179 (33.2)	10.8 (0.09)	938 (12.6)	14.6 (0.20)	1,016 (25.1)	12.1 (0.30)	1,424 (16.2)	9.8 (0.11)	802 (7.2)	8.8 (0.08)	
2011 .....	3,977 (18.2)	10.3 (0.04)	898 (12.8)	14.1 (0.17)	967 (12.8)	11.7 (0.14)	1,337 (1.8)	9.0 (0.01)	774 (0.3)	8.6 (#)	
2013 .....	4,084 (42.4)	10.5 (0.10)	859 (8.8)	13.5 (0.12)	1,036 (37.9)	12.4 (0.40)	1,403 (7.9)	9.2 (0.05)	786 (15.0)	8.6 (0.15)	
2015 .....	4,304 (69.2)	10.9 (0.16)	932 (27.8)	14.6 (0.37)	1,099 (48.9)	13.1 (0.51)	1,471 (38.4)	9.5 (0.23)	802 (12.2)	8.7 (0.12)	
<b>Grades 9 through 12</b>											
1995 .....	1,163 (4.6)	8.5 (0.03)	335 (2.9)	13.0 (0.11)	287 (0.9)	8.6 (0.03)	331 (2.1)	7.1 (0.04)	209 (2.3)	6.8 (0.08)	
1997 .....	1,185 (2.4)	8.3 (0.02)	331 (0.5)	12.5 (0.02)	293 (0.7)	8.5 (0.02)	354 (1.7)	7.2 (0.03)	207 (1.2)	6.4 (0.04)	
1999 .....	1,229 (8.3)	8.4 (0.06)	340 (1.1)	12.6 (0.04)	299 (2.5)	8.6 (0.07)	376 (7.6)	7.5 (0.15)	215 (1.8)	6.3 (0.05)	
2001 .....	1,296 (6.7)	8.6 (0.04)	365 (0.8)	13.1 (0.03)	302 (2.0)	8.6 (0.06)	390 (4.4)	7.5 (0.08)	239 (4.5)	6.8 (0.13)	
2003 .....	1,311 (24.7)	8.4 (0.16)	382 (24.0)	13.1 (0.83)	294 (4.1)	8.2 (0.11)	397 (3.0)	7.4 (0.06)	238 (3.5)	6.4 (0.09)	
2005 .....	1,349 (18.1)	8.3 (0.11)	367 (1.7)	12.3 (0.06)	292 (5.0)	7.9 (0.14)	425 (7.2)	7.5 (0.13)	265 (15.7)	6.7 (0.40)	
2007 .....	1,364 (12.0)	8.3 (0.07)	379 (8.8)	12.7 (0.30)	287 (1.3)	7.8 (0.04)	440 (5.5)	7.6 (0.10)	257 (5.7)	6.5 (0.14)	
2009 .....	1,309 (6.5)	8.0 (0.04)	372 (5.7)	12.6 (0.20)	280 (2.2)	7.7 (0.06)	418 (1.7)	7.3 (0.03)	239 (1.1)	6.1 (0.03)	
2011 .....	1,291 (15.4)	8.1 (0.09)	353 (5.2)	12.6 (0.16)	295 (14.4)	8.4 (0.38)	411 (1.8)	7.1 (0.03)	232 (0.1)	5.9 (#)	
2013 .....	1,312 (14.9)	8.2 (0.09)	342 (0.8)	12.4 (0.03)	291 (13.1)	8.4 (0.35)	437 (1.3)	7.4 (0.02)	242 (7.0)	6.2 (0.17)	
2015 .....	1,446 (23.8)	8.8 (0.13)	382 (10.5)	13.7 (0.32)	309 (10.9)	8.8 (0.28)	494 (18.2)	8.0 (0.27)	261 (1.9)	6.6 (0.04)	

#Rounds to zero.

NOTE: Includes enrollment in prekindergarten through grade 12 in schools that offer kindergarten or higher grade. Ungraded students are prorated into prekindergarten through grade 8 and grades 9 through 12. Detail may not sum to totals because of rounding.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Private School Universe Survey (PSS), 1995-96 through 2015-16; and Common Core of Data (CCD), "State Nonfiscal Survey of Public Elementary/Secondary Education," 1995-96 through 2015-16. (This table was prepared June 2018.)

**Table 205.15. Private elementary and secondary school enrollment, percentage distribution of private school enrollment, and private enrollment as a percentage of total enrollment in public and private schools, by school orientation and grade: Selected years, fall 1999 through fall 2015**

[Standard errors appear in parentheses]

Grade	1999	2005	2011	2013	2015											
					Total	Catholic	Other religious	Nonsectarian								
1	2	3	4	5	6	7	8	9								
Enrollment																
<b>Total, all grades</b> .....	<b>6,018,280</b>	<b>(30,179)</b>	<b>6,073,240</b>	<b>(42,446)</b>	<b>5,268,090</b>	<b>(24,908)</b>	<b>5,395,740</b>	<b>(50,342)</b>	<b>5,750,520</b>	<b>(85,729)</b>	<b>2,082,660</b>	<b>(42,791)</b>	<b>2,268,820</b>	<b>(68,162)</b>	<b>1,399,030</b>	<b>(29,132)</b>
<b>Prekindergarten through grade 8</b> .....	<b>4,788,990</b>	<b>(23,055)</b>	<b>4,724,310</b>	<b>(33,034)</b>	<b>3,976,960</b>	<b>(18,241)</b>	<b>4,083,860</b>	<b>(42,441)</b>	<b>4,304,470</b>	<b>(69,171)</b>	<b>1,487,620</b>	<b>(42,646)</b>	<b>1,771,440</b>	<b>(47,422)</b>	<b>1,045,410</b>	<b>(27,611)</b>
Prekindergarten .....	763,790	(6,261)	926,430	(15,701)	773,240	(2,420)	819,320	(10,185)	846,920	(17,898)	181,190	(7,731)	336,000	(8,563)	329,730	(10,690)
Kindergarten .....	593,690	(4,053)	547,590	(4,887)	449,820	(2,989)	461,730	(5,429)	466,470	(8,411)	148,250	(4,592)	190,540	(4,799)	127,680	(4,513)
1st grade .....	472,110	(2,080)	421,120	(2,826)	348,730	(2,191)	357,860	(4,963)	373,850	(6,901)	141,450	(4,075)	165,900	(5,400)	66,510	(1,789)
2nd grade .....	449,090	(2,248)	405,470	(2,659)	340,230	(2,008)	344,520	(4,887)	368,450	(6,625)	144,700	(4,639)	159,360	(4,671)	64,390	(1,534)
3rd grade .....	436,730	(1,962)	398,120	(2,462)	336,150	(1,850)	338,840	(4,193)	364,290	(6,479)	144,160	(3,822)	156,890	(5,176)	63,240	(1,469)
4th grade .....	425,140	(1,956)	391,530	(2,297)	328,950	(1,921)	337,440	(4,508)	357,820	(6,202)	143,150	(4,268)	152,500	(4,499)	62,180	(1,144)
5th grade .....	407,590	(2,019)	389,720	(2,379)	330,390	(1,832)	337,950	(4,192)	354,710	(5,903)	143,180	(3,731)	148,220	(4,520)	63,310	(1,015)
6th grade .....	403,110	(2,094)	393,220	(2,280)	341,690	(1,766)	344,960	(4,820)	372,750	(7,276)	148,830	(4,623)	154,780	(5,440)	69,140	(980)
7th grade .....	384,140	(2,140)	390,550	(4,093)	336,770	(1,684)	343,370	(4,317)	367,920	(6,574)	144,190	(3,463)	151,970	(5,354)	71,760	(936)
8th grade .....	369,580	(2,285)	387,720	(4,024)	336,670	(1,951)	343,500	(3,717)	363,840	(7,047)	142,720	(3,446)	147,740	(5,919)	73,370	(1,228)
Elementary ungraded .....	84,000	(1,267)	72,830	(1,916)	54,300	(672)	54,380	(1,061)	67,440	(11,164)	5,810	(†)	7,540	(1,184)	54,090	(11,101)
<b>Grades 9 through 12</b> .....	<b>1,229,290</b>	<b>(8,260)</b>	<b>1,348,930</b>	<b>(18,073)</b>	<b>1,291,130</b>	<b>(15,396)</b>	<b>1,311,880</b>	<b>(14,936)</b>	<b>1,446,060</b>	<b>(23,777)</b>	<b>595,050</b>	<b>(2,166)</b>	<b>497,390</b>	<b>(23,622)</b>	<b>353,620</b>	<b>(5,530)</b>
9th grade .....	336,220	(2,131)	356,130	(4,333)	329,600	(3,875)	333,610	(3,612)	367,810	(6,279)	152,790	(606)	130,540	(6,197)	84,470	(1,463)
10th grade .....	313,310	(1,919)	348,190	(5,949)	324,540	(4,161)	330,710	(3,780)	367,250	(6,041)	151,290	(535)	126,220	(5,984)	89,740	(1,451)
11th grade .....	294,650	(2,193)	326,260	(4,456)	318,310	(3,647)	324,680	(3,850)	356,150	(5,906)	146,850	(485)	122,090	(5,881)	87,210	(1,327)
12th grade .....	280,380	(1,958)	315,290	(4,850)	314,500	(3,769)	319,720	(3,787)	348,600	(5,652)	143,830	(544)	116,950	(5,641)	87,820	(1,371)
Secondary ungraded .....	4,720	(1,404)	3,070	(†)	4,180	(92)	3,160	(14)	6,240	(†)	290	(†)	1,580	(†)	4,370	(†)
Percentage distribution																
<b>Total, all grades</b> .....	<b>100.0</b>	<b>(†)</b>														
<b>Prekindergarten through grade 8</b> .....	<b>79.6</b>	<b>(0.06)</b>	<b>77.8</b>	<b>(0.22)</b>	<b>75.5</b>	<b>(0.23)</b>	<b>75.7</b>	<b>(0.22)</b>	<b>74.9</b>	<b>(0.27)</b>	<b>71.4</b>	<b>(0.59)</b>	<b>78.1</b>	<b>(0.51)</b>	<b>74.7</b>	<b>(0.53)</b>
Prekindergarten .....	12.7	(0.08)	15.3	(0.21)	14.7	(0.08)	15.2	(0.15)	14.7	(0.22)	8.7	(0.21)	14.8	(0.34)	23.6	(0.42)
Kindergarten .....	9.9	(0.04)	9.0	(0.06)	8.5	(0.04)	8.6	(0.08)	8.1	(0.08)	7.1	(0.08)	8.4	(0.13)	9.1	(0.18)
1st grade .....	7.8	(0.02)	6.9	(0.03)	6.6	(0.02)	6.6	(0.05)	6.5	(0.07)	6.8	(0.07)	7.3	(0.17)	4.8	(0.08)
2nd grade .....	7.5	(0.01)	6.7	(0.03)	6.5	(0.02)	6.4	(0.05)	6.4	(0.06)	6.9	(0.09)	7.0	(0.09)	4.6	(0.07)
3rd grade .....	7.3	(0.02)	6.6	(0.03)	6.4	(0.02)	6.3	(0.04)	6.3	(0.05)	6.9	(0.05)	6.9	(0.08)	4.5	(0.07)
4th grade .....	7.1	(0.01)	6.4	(0.03)	6.2	(0.02)	6.3	(0.04)	6.2	(0.05)	6.9	(0.07)	6.7	(0.06)	4.4	(0.06)
5th grade .....	6.8	(0.01)	6.4	(0.04)	6.3	(0.02)	6.3	(0.04)	6.2	(0.05)	6.9	(0.05)	6.5	(0.08)	4.5	(0.06)
6th grade .....	6.7	(0.02)	6.5	(0.03)	6.5	(0.02)	6.4	(0.05)	6.5	(0.07)	7.1	(0.10)	6.8	(0.10)	4.9	(0.09)
7th grade .....	6.4	(0.02)	6.4	(0.04)	6.4	(0.02)	6.4	(0.05)	6.4	(0.06)	6.9	(0.06)	6.7	(0.10)	5.1	(0.09)
8th grade .....	6.1	(0.02)	6.4	(0.04)	6.4	(0.02)	6.4	(0.04)	6.3	(0.06)	6.9	(0.06)	6.5	(0.11)	5.2	(0.11)
Elementary ungraded .....	1.4	(0.02)	1.2	(0.03)	1.0	(0.01)	1.0	(0.02)	1.2	(0.19)	0.3	(0.01)	0.3	(0.05)	3.9	(0.74)
<b>Grades 9 through 12</b> .....	<b>20.4</b>	<b>(0.06)</b>	<b>22.2</b>	<b>(0.22)</b>	<b>24.5</b>	<b>(0.23)</b>	<b>24.3</b>	<b>(0.22)</b>	<b>25.1</b>	<b>(0.27)</b>	<b>28.6</b>	<b>(0.59)</b>	<b>21.9</b>	<b>(0.51)</b>	<b>25.3</b>	<b>(0.53)</b>
9th grade .....	5.6	(0.02)	5.9	(0.05)	6.3	(0.06)	6.2	(0.05)	6.4	(0.07)	7.3	(0.15)	5.8	(0.13)	6.0	(0.13)
10th grade .....	5.2	(0.01)	5.7	(0.08)	6.2	(0.06)	6.1	(0.06)	6.4	(0.07)	7.3	(0.15)	5.6	(0.13)	6.4	(0.14)
11th grade .....	4.9	(0.02)	5.4	(0.06)	6.0	(0.05)	6.0	(0.06)	6.2	(0.07)	7.1	(0.15)	5.4	(0.13)	6.2	(0.13)
12th grade .....	4.7	(0.02)	5.2	(0.07)	6.0	(0.06)	5.9	(0.06)	6.1	(0.07)	6.9	(0.14)	5.2	(0.12)	6.3	(0.13)
Secondary ungraded .....	0.1	(0.02)	0.1	(#)	0.1	(#)	0.1	(#)	0.1	(#)	#	(†)	0.1	(#)	0.3	(#)

See notes at end of table.

**Table 205.15. Private elementary and secondary school enrollment, percentage distribution of private school enrollment, and private enrollment as a percentage of total enrollment in public and private schools, by school orientation and grade: Selected years, fall 1999 through fall 2015—Continued**

[Standard errors appear in parentheses]

Grade	1999	2005	2011	2013	2015											
					Total	Catholic	Other religious	Nonsectarian								
1	2	3	4	5	6	7	8	9								
Private enrollment as a percent of total enrollment																
<b>Total, all grades .....</b>	<b>11.4</b>	<b>(0.05)</b>	<b>11.0</b>	<b>(0.07)</b>	<b>9.7</b>	<b>(0.04)</b>	<b>9.8</b>	<b>(0.08)</b>	<b>10.3</b>	<b>(0.14)</b>	<b>4.0</b>	<b>(0.08)</b>	<b>4.3</b>	<b>(0.12)</b>	<b>2.7</b>	<b>(0.06)</b>
<b>Prekindergarten through grade 8 .....</b>	<b>12.6</b>	<b>(0.05)</b>	<b>12.2</b>	<b>(0.07)</b>	<b>10.3</b>	<b>(0.04)</b>	<b>10.4</b>	<b>(0.10)</b>	<b>10.9</b>	<b>(0.16)</b>	<b>4.1</b>	<b>(0.11)</b>	<b>4.8</b>	<b>(0.12)</b>	<b>2.9</b>	<b>(0.07)</b>
Prekindergarten .....	55.4	(0.20)	52.3	(0.42)	40.4	(0.08)	41.5	(0.30)	41.6	(0.51)	13.2	(0.49)	22.0	(0.44)	21.7	(0.55)
Kindergarten .....	14.9	(0.09)	13.2	(0.10)	10.7	(0.06)	10.8	(0.11)	11.2	(0.18)	3.8	(0.11)	4.9	(0.12)	3.3	(0.11)
1st grade .....	11.4	(0.04)	10.2	(0.06)	8.5	(0.08)	8.4	(0.11)	9.0	(0.15)	3.6	(0.10)	4.2	(0.13)	1.7	(0.05)
2nd grade .....	10.9	(0.05)	10.1	(0.06)	8.4	(0.05)	8.3	(0.11)	8.8	(0.14)	3.6	(0.11)	4.0	(0.11)	1.6	(0.04)
3rd grade .....	10.6	(0.04)	10.0	(0.06)	8.3	(0.05)	8.3	(0.09)	8.6	(0.14)	3.6	(0.09)	3.9	(0.12)	1.6	(0.04)
4th grade .....	10.3	(0.04)	9.9	(0.05)	8.2	(0.04)	8.4	(0.10)	8.6	(0.14)	3.6	(0.10)	3.9	(0.11)	1.6	(0.03)
5th grade .....	10.2	(0.05)	9.7	(0.05)	8.2	(0.04)	8.4	(0.10)	8.7	(0.13)	3.7	(0.09)	3.8	(0.11)	1.7	(0.03)
6th grade .....	10.2	(0.05)	9.7	(0.05)	8.4	(0.04)	8.6	(0.11)	9.1	(0.16)	3.8	(0.11)	4.0	(0.13)	1.8	(0.03)
7th grade .....	9.8	(0.05)	9.4	(0.09)	8.4	(0.04)	8.4	(0.10)	9.0	(0.15)	3.7	(0.09)	3.9	(0.13)	1.9	(0.02)
8th grade .....	9.5	(0.05)	9.3	(0.09)	8.4	(0.04)	8.4	(0.08)	8.9	(0.16)	3.7	(0.09)	3.8	(0.15)	1.9	(0.03)
Elementary ungraded .....	16.8	(0.21)	22.8	(0.46)	40.3	(0.30)	38.6	(0.46)	46.9	(4.20)	7.1	(†)	9.0	(1.28)	41.4	(5.06)
<b>Grades 9 through 12 .....</b>	<b>8.4</b>	<b>(0.05)</b>	<b>8.3</b>	<b>(0.10)</b>	<b>8.1</b>	<b>(0.09)</b>	<b>8.2</b>	<b>(0.09)</b>	<b>8.8</b>	<b>(0.13)</b>	<b>3.8</b>	<b>(0.01)</b>	<b>3.2</b>	<b>(0.15)</b>	<b>2.3</b>	<b>(0.04)</b>
9th grade .....	7.9	(0.05)	7.7	(0.09)	7.7	(0.08)	7.8	(0.08)	8.4	(0.13)	3.7	(0.01)	3.2	(0.14)	2.1	(0.03)
10th grade .....	8.4	(0.05)	8.3	(0.13)	8.0	(0.09)	8.1	(0.09)	8.7	(0.13)	3.8	(0.01)	3.2	(0.15)	2.3	(0.04)
11th grade .....	8.8	(0.06)	8.6	(0.11)	8.3	(0.09)	8.5	(0.09)	9.0	(0.14)	3.9	(0.01)	3.3	(0.15)	2.4	(0.04)
12th grade .....	9.1	(0.06)	9.0	(0.13)	8.4	(0.09)	8.5	(0.09)	9.0	(0.13)	3.9	(0.01)	3.2	(0.15)	2.4	(0.04)
Secondary ungraded .....	3.6	(1.03)	3.2	(†)	9.5	(0.19)	6.8	(0.03)	11.7	(†)	0.6	(†)	3.2	(†)	8.5	(†)

†Not applicable.  
#Rounds to zero.

NOTE: Includes enrollment in prekindergarten through grade 12 in schools that offer kindergarten or higher grade. Ungraded students are prorated into prekindergarten through grade 8 and grades 9 through 12. Detail may not sum to totals because of rounding.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Private School Universe Survey (PSS), 1999–2000 through 2015–16; and Common Core of Data (CCD), “Public Elementary/Secondary School Universe Survey,” 1999–2000 through 2015–16. (This table was prepared June 2017.)

**Table 205.20. Enrollment and percentage distribution of students enrolled in private elementary and secondary schools, by school orientation and grade level: Selected years, fall 1995 through fall 2015**

[Standard errors appear in parentheses]

Grade level and year	Total private enrollment	Catholic					Other religious				Nonsectarian
		Total	Parochial	Diocesan	Private	Total	Conservative Christian	Affiliated <sup>1</sup>	Unaffiliated <sup>1</sup>		
1	2	3	4	5	6	7	8	9	10	11	
<b>Enrollment</b>											
<b>Total, all grades</b>											
1995 .....	5,918,040 (31,815)	2,660,450 (6,878)	1,458,990 (2,079)	850,560 (5,674)	350,900 (1,176)	2,094,690 (16,956)	786,660 (8,815)	697,280 (4,886)	610,750 (11,831)	1,162,900 (18,443)	
1997 .....	5,944,320 (18,543)	2,665,630 (5,472)	1,438,860 (5,331)	873,780 (761)	352,990 (1,405)	2,097,190 (13,733)	823,610 (7,342)	646,500 (3,104)	627,080 (11,133)	1,181,510 (12,013)	
1999 .....	6,018,280 (30,179)	2,660,420 (4,831)	1,397,570 (4,421)	880,650 (†)	382,190 (1,945)	2,193,370 (27,176)	871,060 (4,827)	646,280 (4,894)	676,030 (24,593)	1,164,500 (8,156)	
2001 .....	6,319,650 (40,272)	2,672,650 (12,460)	1,309,890 (5,626)	979,050 (6,976)	383,710 (3,152)	2,328,160 (17,281)	937,420 (6,070)	663,190 (8,636)	727,550 (13,303)	1,318,840 (27,300)	
2003 .....	6,099,220 (41,219)	2,520,120 (10,580)	1,183,250 (9,937)	963,140 (4,754)	373,740 (3,996)	2,228,230 (19,674)	889,710 (8,852)	650,530 (5,860)	688,000 (14,805)	1,350,870 (29,197)	
2005 .....	6,073,240 (42,446)	2,402,800 (9,293)	1,062,950 (6,355)	956,610 (6,325)	383,230 (3,996)	2,303,330 (22,368)	957,360 (9,561)	696,910 (6,677)	649,050 (14,200)	1,367,120 (27,558)	
2007 .....	5,910,210 (28,363)	2,308,150 (6,083)	945,860 (5,361)	969,940 (1,788)	392,340 (3,432)	2,283,210 (20,628)	883,180 (6,616)	527,040 (3,512)	872,990 (18,217)	1,318,850 (18,235)	
2009 .....	5,488,490 (35,857)	2,160,220 (3,494)	856,440 (3,088)	909,010 (4,393)	394,770 (1,087)	2,076,220 (32,751)	737,020 (1,891)	516,310 (4,366)	822,890 (31,180)	1,252,050 (8,849)	
2011 .....	5,268,090 (24,908)	2,087,870 (14,426)	804,410 (3,686)	899,810 (14,320)	383,650 (459)	1,991,950 (21,814)	730,570 (4,721)	565,340 (2,990)	696,040 (20,419)	1,188,270 (5,376)	
2013 .....	5,395,740 (50,342)	2,055,140 (37,142)	739,850 (18,829)	936,320 (32,000)	378,970 (980)	2,030,930 (30,090)	707,100 (7,544)	565,490 (5,884)	758,350 (28,152)	1,309,670 (14,800)	
2015 .....	5,750,520 (85,729)	2,082,660 (42,791)	716,120 (24,336)	960,590 (22,533)	405,950 (14,453)	2,268,820 (68,162)	760,790 (53,772)	587,490 (23,414)	920,550 (45,692)	1,399,030 (29,132)	
<b>Prekindergarten through grade 8</b>											
1995 .....	4,755,540 (28,435)	2,041,990 (5,249)	1,368,340 (2,079)	575,190 (3,528)	98,460 (1,176)	1,752,510 (14,834)	651,050 (7,219)	574,820 (4,581)	526,630 (11,121)	961,040 (17,471)	
1997 .....	4,759,060 (17,323)	2,046,620 (5,469)	1,352,620 (5,331)	598,380 (761)	95,620 (1,393)	1,744,500 (12,194)	678,660 (5,957)	529,050 (2,504)	536,790 (10,120)	967,940 (11,050)	
1999 .....	4,788,990 (23,055)	2,033,900 (4,830)	1,317,300 (4,421)	607,860 (†)	108,740 (1,943)	1,818,260 (19,897)	713,020 (3,748)	529,280 (3,866)	575,970 (17,632)	936,820 (7,302)	
2001 .....	5,023,160 (36,096)	2,032,080 (10,751)	1,226,960 (4,494)	687,540 (6,976)	117,580 (2,978)	1,926,870 (15,459)	765,080 (5,110)	535,850 (7,370)	625,940 (12,240)	1,064,210 (24,703)	
2003 .....	4,788,070 (30,338)	1,886,530 (11,055)	1,108,320 (9,937)	670,910 (4,754)	107,300 (337)	1,835,930 (16,931)	722,460 (6,517)	519,310 (4,134)	594,160 (13,504)	1,065,620 (15,379)	
2005 .....	4,724,310 (33,034)	1,779,830 (9,318)	993,390 (6,355)	673,110 (6,286)	113,330 (2,896)	1,865,430 (19,380)	764,920 (8,028)	561,320 (5,730)	539,190 (12,633)	1,079,050 (15,497)	
2007 .....	4,545,910 (21,853)	1,685,220 (5,288)	878,830 (4,562)	688,260 (1,640)	118,130 (3,104)	1,833,540 (18,364)	698,930 (5,885)	417,610 (3,218)	717,000 (16,573)	1,027,150 (11,379)	
2009 .....	4,179,060 (33,168)	1,541,830 (3,250)	782,050 (3,085)	642,720 (846)	117,050 (578)	1,665,680 (30,216)	579,190 (1,685)	401,430 (3,952)	685,050 (28,928)	971,550 (8,113)	
2011 .....	3,976,960 (18,241)	1,481,620 (3,867)	737,090 (3,675)	630,970 (321)	113,560 (459)	1,583,610 (16,558)	568,150 (3,607)	443,780 (2,604)	571,690 (15,197)	911,730 (3,469)	
2013 .....	4,083,860 (42,441)	1,466,550 (27,646)	680,370 (18,826)	666,260 (20,228)	119,930 (843)	1,615,120 (29,311)	544,610 (5,638)	446,050 (5,316)	624,470 (27,948)	1,002,180 (11,849)	
2015 .....	4,304,470 (69,171)	1,487,620 (42,646)	662,670 (24,233)	677,540 (22,542)	147,410 (14,387)	1,771,440 (47,422)	576,570 (38,496)	445,620 (15,105)	749,250 (33,313)	1,045,410 (27,611)	
<b>Grades 9 through 12</b>											
1995 .....	1,162,500 (4,625)	618,460 (2,786)	90,650 (†)	275,370 (2,786)	252,440 (†)	342,180 (3,174)	135,610 (2,338)	122,460 (645)	84,120 (1,720)	201,860 (1,495)	
1997 .....	1,185,260 (2,374)	619,010 (96)	86,240 (†)	275,400 (†)	257,370 (96)	352,690 (2,261)	144,950 (1,660)	117,450 (848)	90,290 (1,221)	213,560 (1,860)	
1999 .....	1,229,290 (8,260)	626,520 (70)	80,270 (†)	272,790 (†)	273,460 (70)	375,100 (7,920)	158,040 (1,640)	117,000 (1,237)	100,060 (7,461)	227,670 (2,208)	
2001 .....	1,296,480 (6,669)	640,570 (2,317)	82,930 (2,293)	291,520 (†)	266,130 (338)	401,290 (3,527)	172,340 (2,633)	127,340 (1,625)	101,600 (1,852)	254,620 (4,465)	
2003 .....	1,311,150 (24,733)	633,590 (3,888)	74,930 (†)	292,230 (†)	266,430 (3,888)	392,310 (4,195)	167,250 (3,144)	131,220 (1,924)	93,840 (2,031)	285,250 (23,952)	
2005 .....	1,348,930 (18,073)	622,970 (1,538)	69,560 (†)	283,510 (700)	269,900 (1,341)	437,900 (6,541)	192,440 (3,404)	135,590 (1,493)	109,860 (5,190)	288,070 (16,551)	
2007 .....	1,364,300 (11,958)	622,930 (1,377)	67,030 (1,201)	281,680 (566)	274,210 (364)	449,680 (3,796)	184,260 (1,768)	109,430 (374)	156,000 (3,052)	291,700 (11,156)	
2009 .....	1,309,430 (6,480)	618,390 (4,409)	74,380 (42)	266,290 (4,311)	277,720 (920)	410,540 (4,285)	157,830 (362)	114,880 (1,074)	137,840 (4,111)	280,500 (1,880)	
2011 .....	1,291,130 (15,396)	606,250 (14,313)	67,320 (10)	268,840 (14,313)	270,090 (†)	408,330 (5,747)	162,420 (1,349)	121,560 (513)	124,350 (5,792)	276,550 (3,485)	
2013 .....	1,311,880 (14,936)	588,580 (13,452)	59,480 (358)	270,060 (13,416)	259,040 (905)	415,810 (2,774)	162,490 (1,942)	119,440 (1,862)	133,880 (1,762)	307,490 (6,938)	
2015 .....	1,446,060 (23,777)	595,050 (2,166)	53,450 (1,662)	283,050 (38)	258,550 (1,388)	497,390 (23,622)	184,220 (15,411)	141,870 (9,045)	171,300 (16,438)	353,620 (5,530)	

See notes at end of table.

**Table 205.20. Enrollment and percentage distribution of students enrolled in private elementary and secondary schools, by school orientation and grade level: Selected years, fall 1995 through fall 2015—Continued**

[Standard errors appear in parentheses]

Grade level and year	Total private enrollment	Catholic				Other religious				Nonsectarian
		Total	Parochial	Diocesan	Private	Total	Conservative Christian	Affiliated <sup>1</sup>	Unaffiliated <sup>1</sup>	
1	2	3	4	5	6	7	8	9	10	11
Percentage distribution										
<b>Total, all grades</b>										
1995 .....	100.0 (†)	45.0 (0.19)	24.7 (0.13)	14.4 (0.08)	5.9 (0.03)	35.4 (0.19)	13.3 (0.12)	11.8 (0.08)	10.3 (0.18)	19.7 (0.23)
1997 .....	100.0 (†)	44.8 (0.13)	24.2 (0.09)	14.7 (0.05)	5.9 (0.03)	35.3 (0.18)	13.9 (0.12)	10.9 (0.06)	10.5 (0.17)	19.9 (0.17)
1999 .....	100.0 (†)	44.2 (0.24)	23.2 (0.14)	14.6 (0.07)	6.4 (0.04)	36.4 (0.28)	14.5 (0.09)	10.7 (0.08)	11.2 (0.36)	19.3 (0.11)
2001 .....	100.0 (†)	42.3 (0.25)	20.7 (0.14)	15.5 (0.12)	6.1 (0.04)	36.8 (0.22)	14.8 (0.13)	10.5 (0.13)	11.5 (0.18)	20.9 (0.33)
2003 .....	100.0 (†)	41.3 (0.27)	19.4 (0.17)	15.8 (0.14)	6.1 (0.07)	36.5 (0.25)	14.6 (0.13)	10.7 (0.10)	11.3 (0.22)	22.1 (0.36)
2005 .....	100.0 (†)	39.6 (0.26)	17.5 (0.13)	15.8 (0.14)	6.3 (0.07)	37.9 (0.25)	15.8 (0.14)	11.5 (0.09)	10.7 (0.20)	22.5 (0.34)
2007 .....	100.0 (†)	39.1 (0.20)	16.0 (0.11)	16.4 (0.09)	6.6 (0.06)	38.6 (0.25)	14.9 (0.12)	8.9 (0.06)	14.8 (0.26)	22.3 (0.25)
2009 .....	100.0 (†)	39.4 (0.25)	15.6 (0.11)	16.6 (0.13)	7.2 (0.05)	37.8 (0.37)	13.4 (0.09)	9.4 (0.07)	15.0 (0.48)	22.8 (0.16)
2011 .....	100.0 (†)	39.6 (0.25)	15.3 (0.09)	17.1 (0.25)	7.3 (0.04)	37.8 (0.28)	13.9 (0.09)	10.7 (0.08)	13.2 (0.34)	22.6 (0.15)
2013 .....	100.0 (†)	38.1 (0.50)	13.7 (0.33)	17.4 (0.51)	7.0 (0.07)	37.6 (0.44)	13.1 (0.16)	10.5 (0.13)	14.1 (0.47)	24.3 (0.28)
2015 .....	100.0 (†)	36.2 (0.66)	12.5 (0.38)	16.7 (0.40)	7.1 (0.24)	39.5 (0.80)	13.2 (0.85)	10.2 (0.39)	16.0 (0.73)	24.3 (0.51)
<b>Prekindergarten through grade 8</b>										
1995 .....	100.0 (†)	42.9 (0.20)	28.8 (0.17)	12.1 (0.06)	2.1 (0.02)	36.9 (0.22)	13.7 (0.13)	12.1 (0.09)	11.1 (0.21)	20.2 (0.28)
1997 .....	100.0 (†)	43.0 (0.15)	28.4 (0.12)	12.6 (0.05)	2.0 (0.03)	36.7 (0.20)	14.3 (0.13)	11.1 (0.06)	11.3 (0.19)	20.3 (0.19)
1999 .....	100.0 (†)	42.5 (0.23)	27.5 (0.16)	12.7 (0.06)	2.3 (0.04)	38.0 (0.26)	14.9 (0.09)	11.1 (0.07)	12.0 (0.32)	19.6 (0.12)
2001 .....	100.0 (†)	40.5 (0.27)	24.4 (0.17)	13.7 (0.14)	2.3 (0.05)	38.4 (0.25)	15.2 (0.15)	10.7 (0.14)	12.5 (0.20)	21.2 (0.37)
2003 .....	100.0 (†)	39.4 (0.25)	23.1 (0.18)	14.0 (0.13)	2.2 (0.01)	38.3 (0.23)	15.1 (0.12)	10.8 (0.09)	12.4 (0.24)	22.3 (0.22)
2005 .....	100.0 (†)	37.7 (0.25)	21.0 (0.14)	14.2 (0.15)	2.4 (0.06)	39.5 (0.21)	16.2 (0.16)	11.9 (0.09)	11.4 (0.22)	22.8 (0.23)
2007 .....	100.0 (†)	37.1 (0.20)	19.3 (0.13)	15.1 (0.09)	2.6 (0.07)	40.3 (0.27)	15.4 (0.14)	9.2 (0.07)	15.8 (0.30)	22.6 (0.21)
2009 .....	100.0 (†)	36.9 (0.29)	18.7 (0.15)	15.4 (0.12)	2.8 (0.03)	39.9 (0.43)	13.9 (0.11)	9.6 (0.10)	16.4 (0.57)	23.2 (0.20)
2011 .....	100.0 (†)	37.3 (0.18)	18.5 (0.11)	15.9 (0.08)	2.9 (0.02)	39.8 (0.24)	14.3 (0.08)	11.2 (0.08)	14.4 (0.32)	22.9 (0.11)
2013 .....	100.0 (†)	35.9 (0.53)	16.7 (0.42)	16.3 (0.44)	2.9 (0.04)	39.5 (0.52)	13.3 (0.17)	10.9 (0.15)	15.3 (0.59)	24.5 (0.31)
2015 .....	100.0 (†)	34.6 (0.78)	15.4 (0.48)	15.7 (0.50)	3.4 (0.31)	41.2 (0.81)	13.4 (0.82)	10.4 (0.35)	17.4 (0.73)	24.3 (0.61)
<b>Grades 9 through 12</b>										
1995 .....	100.0 (†)	53.2 (0.20)	7.8 (0.03)	23.7 (0.20)	21.7 (0.09)	29.4 (0.20)	11.7 (0.18)	10.5 (0.06)	7.2 (0.14)	17.4 (0.12)
1997 .....	100.0 (†)	52.2 (0.10)	7.3 (0.01)	23.2 (0.05)	21.7 (0.04)	29.8 (0.16)	12.2 (0.13)	9.9 (0.08)	7.6 (0.10)	18.0 (0.14)
1999 .....	100.0 (†)	51.0 (0.34)	6.5 (0.04)	22.2 (0.15)	22.2 (0.15)	30.5 (0.45)	12.9 (0.14)	9.5 (0.11)	8.1 (0.56)	18.5 (0.19)
2001 .....	100.0 (†)	49.4 (0.26)	6.4 (0.17)	22.5 (0.12)	20.5 (0.10)	31.0 (0.19)	13.3 (0.17)	9.8 (0.12)	7.8 (0.13)	19.6 (0.28)
2003 .....	100.0 (†)	48.3 (0.91)	5.7 (0.11)	22.3 (0.42)	20.3 (0.44)	29.9 (0.59)	12.8 (0.32)	10.0 (0.23)	7.2 (0.20)	21.8 (1.43)
2005 .....	100.0 (†)	46.2 (0.60)	5.2 (0.07)	21.0 (0.28)	20.0 (0.27)	32.5 (0.52)	14.3 (0.28)	10.1 (0.16)	8.1 (0.37)	21.4 (0.97)
2007 .....	100.0 (†)	45.7 (0.40)	4.9 (0.09)	20.6 (0.18)	20.1 (0.17)	33.0 (0.33)	13.5 (0.16)	8.0 (0.07)	11.4 (0.22)	21.4 (0.65)
2009 .....	100.0 (†)	47.2 (0.25)	5.7 (0.03)	20.3 (0.27)	21.2 (0.12)	31.4 (0.25)	12.1 (0.06)	8.8 (0.08)	10.5 (0.28)	21.4 (0.15)
2011 .....	100.0 (†)	47.0 (0.63)	5.2 (0.06)	20.8 (0.88)	20.9 (0.25)	31.6 (0.49)	12.6 (0.18)	9.4 (0.13)	9.6 (0.43)	21.4 (0.35)
2013 .....	100.0 (†)	44.9 (0.64)	4.5 (0.06)	20.6 (0.83)	19.7 (0.24)	31.7 (0.42)	12.4 (0.19)	9.1 (0.17)	10.2 (0.19)	23.4 (0.47)
2015 .....	100.0 (†)	41.1 (0.67)	3.7 (0.13)	19.6 (0.32)	17.9 (0.30)	34.4 (1.11)	12.7 (0.96)	9.8 (0.59)	11.8 (1.02)	24.5 (0.51)

†Not applicable.

<sup>1</sup>Affiliated schools belong to associations of schools with a specific religious orientation other than Catholic or conservative Christian. Unaffiliated schools have a religious orientation or purpose but are not classified as Catholic, conservative Christian, or affiliated.

NOTE: Includes enrollment in prekindergarten through grade 12 in schools that offer kindergarten or higher grade. Ungraded students are prorated into prekindergarten through grade 8 and grades 9 through 12. Detail may not sum to totals because of rounding.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Private School Universe Survey (PSS), 1995–96 through 2015–16. (This table was prepared May 2017.)

**Table 205.30. Percentage distribution of students enrolled in private elementary and secondary schools, by school orientation and selected characteristics: Selected years, fall 2005 through fall 2015**

[Standard errors appear in parentheses]

Selected characteristic	2005	2009	2013	2015													
				Total	Catholic			Other religious			Nonsectarian						
					Total	Parochial	Diocesan	Private	Total	Conservative Christian		Affiliated <sup>1</sup>	Unaffiliated <sup>1</sup>				
1	2	3	4	5	6	7	8	9	10	11	12	13	14				
<b>Total</b> .....	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>								
School level <sup>2</sup>																	
Elementary .....	56.8	53.5	52.8	50.3	66.5	89.7	66.4	26.1	37.9	21.1	42.1	49.1	46.2				
Secondary .....	14.2	14.3	13.7	13.5	25.4	6.8	28.0	52.0	5.5	2.2	9.4	5.6	8.7				
Combined .....	29.1	32.2	33.5	36.2	8.1	3.5	5.6	21.9	56.6	76.6	48.4	45.3	45.1				
Student race/ethnicity <sup>3</sup>																	
White .....	75.3	72.6	69.6	68.6	65.9	67.1	66.7	62.4	73.1	70.2	76.1	73.7	65.2				
Black .....	9.6	9.2	9.3	9.3	7.8	6.9	7.5	10.0	10.6	10.6	8.2	12.2	9.3				
Hispanic .....	9.2	9.4	10.2	10.4	15.6	16.2	15.2	15.6	6.6	8.1	6.6	5.4	8.0				
Asian .....	4.1	5.1	5.9	6.2	5.2	4.9	5.0	6.3	5.4	6.2	5.4	4.7	9.4				
Pacific Islander .....	—	0.6	0.7	0.7	0.6	0.6	0.5	0.7	0.5	0.5	0.3	0.6	1.4				
American Indian/Alaska Native ...	1.8	0.4	0.5	0.5	0.5	0.5	0.5	0.6	0.4	0.5	0.3	0.4	0.5				
Two or more races .....	—	2.7	3.9	4.3	4.3	3.9	4.5	4.4	3.3	3.9	3.1	2.9	6.2				
School enrollment																	
Less than 50 .....	4.5	5.4	5.4	5.5	0.4	0.5	0.2	0.8	7.9	3.8	4.2	13.6	9.0				
50 to 149 .....	16.7	17.3	17.1	16.8	7.3	7.9	7.6	5.4	19.8	16.3	15.4	25.6	26.0				
150 to 299 .....	26.6	25.9	25.5	25.1	29.5	37.8	28.3	17.7	23.1	22.9	26.8	20.9	21.9				
300 to 499 .....	21.1	21.0	20.4	19.5	27.7	29.1	29.1	21.7	15.8	19.2	18.0	11.4	13.6				
500 to 749 .....	15.0	14.0	14.5	15.8	18.8	19.2	17.8	20.4	16.4	23.2	13.8	12.5	10.3				
750 or more .....	16.1	16.3	17.0	17.3	16.3	5.4	17.0	34.0	17.0	14.5	21.7	16.0	19.3				
Region																	
Northeast .....	23.5	23.9	22.3	22.9	23.2	22.7	20.0	31.7	20.9	12.7	25.2	25.1	25.5				
Midwest .....	23.6	23.6	24.6	24.5	36.5	41.0	36.8	27.9	21.0	21.8	17.5	22.6	12.3				
South .....	32.5	33.6	34.1	34.2	23.3	21.0	26.0	21.2	42.0	42.1	42.8	41.5	37.6				
West .....	20.3	19.0	19.1	18.5	16.9	15.3	17.2	19.1	16.0	23.5	14.5	10.9	24.7				
School locale																	
City .....	41.3	41.0	42.5	43.0	47.0	42.4	48.6	51.2	38.8	28.6	42.7	44.8	43.8				
Suburban .....	40.0	39.0	41.0	40.2	41.4	45.5	39.4	38.9	37.7	44.8	40.0	30.3	42.3				
Town .....	7.2	7.1	6.3	6.2	7.1	8.6	8.0	2.4	7.4	11.6	4.5	5.8	2.8				
Rural .....	11.5	12.9	10.1	10.7	4.5	3.5	4.0	7.5	16.1	15.0	12.7	11.0	0.46				

—Not available.

†Not applicable.

#Rounds to zero.

!Interpret data with caution. The coefficient of variation (CV) for this estimate is between 30 and 50 percent.

<sup>1</sup>Affiliated schools belong to associations of schools with a specific religious orientation other than Catholic or conservative Christian. Unaffiliated schools have a religious orientation or purpose but are not classified as Catholic, conservative Christian, or affiliated.

<sup>2</sup>Elementary schools have grade 6 or lower and no grade higher than 8. Secondary schools have no grade lower than 7. Combined schools include those that have grades lower than 7 and higher than 8, as well as those that do not classify students by grade level.

<sup>3</sup>Race/ethnicity was not collected for prekindergarten students (846,900 out of 5,750,520 students in 2015). Percentage distribution is based on the students for whom race/ethnicity was reported.

NOTE: Includes enrollment in prekindergarten through grade 12 in schools that offer kindergarten or higher grade. Prior to 2009, data on students of Two or more races and separate data for Pacific Islanders were not collected. Race categories exclude persons of Hispanic ethnicity. Detail may not sum to totals because of rounding.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Private School Universe Survey (PSS), 2005–06 through 2015–16. (This table was prepared May 2017.)

**Table 205.40. Number and percentage distribution of private elementary and secondary students, teachers, and schools, by orientation of school and selected characteristics: Fall 1999, fall 2009, and fall 2015**

[Standard errors appear in parentheses]

Selected characteristic	Fall 1999, total number		Fall 2009, total number		Fall 2015															
					Total		Catholic		Other religious		Nonsectarian									
					Number	Percent	Number	Percent	Number	Percent	Number	Percent								
1	2	3	4	5	6	7	8	9	10	11										
<b>Students<sup>1</sup></b>																				
<b>Total</b>	<b>6,018,280</b>	<b>(30,179)</b>	<b>5,488,490</b>	<b>(35,857)</b>	<b>5,750,520</b>	<b>(85,729)</b>	<b>100.0</b>	<b>(†)</b>	<b>2,082,660</b>	<b>(42,791)</b>	<b>100.0</b>	<b>(†)</b>	<b>2,268,820</b>	<b>(68,162)</b>	<b>100.0</b>	<b>(†)</b>	<b>1,399,030</b>	<b>(29,132)</b>	<b>100.0</b>	<b>(†)</b>
School level <sup>2</sup>																				
Elementary	3,595,020	(11,516)	2,937,090	(26,807)	2,892,010	(55,884)	50.3	(0.80)	1,385,930	(42,655)	66.5	(0.69)	860,380	(31,793)	37.9	(1.57)	645,690	(20,790)	46.2	(0.85)
Secondary	806,640	(2,395)	785,810	(4,810)	774,650	(6,323)	13.5	(0.20)	528,460	(2,721)	25.4	(0.53)	124,050	(5,926)	5.5	(0.28)	122,140	(3,735)	8.7	(0.26)
Combined	1,616,620	(23,949)	1,765,590	(15,909)	2,083,870	(69,011)	36.2	(0.88)	168,280	(90)	8.1	(0.17)	1,284,390	(68,103)	56.6	(1.76)	631,200	(14,155)	45.1	(0.73)
School enrollment																				
Less than 50	238,980	(5,691)	296,000	(22,889)	313,960	(23,275)	5.5	(0.39)	9,340	(1,109)	0.4	(0.05)	179,260	(22,014)	7.9	(0.95)	125,360	(9,844)	9.0	(0.56)
50 to 149	939,110	(10,717)	950,050	(12,053)	964,910	(21,228)	16.8	(0.40)	151,700	(11,198)	7.3	(0.58)	449,980	(16,242)	19.8	(0.85)	363,230	(9,074)	26.0	(0.56)
150 to 299	1,615,970	(7,315)	1,423,220	(9,951)	1,445,000	(33,147)	25.1	(0.49)	614,000	(16,856)	29.5	(0.50)	524,220	(23,690)	23.1	(1.01)	306,770	(15,443)	21.9	(0.81)
300 to 499	1,419,360	(13,203)	1,154,950	(10,730)	1,123,450	(25,543)	19.5	(0.49)	576,110	(21,829)	27.7	(0.90)	357,560	(14,931)	15.8	(0.86)	189,780	(5,812)	13.6	(0.46)
500 to 749	917,670	(2,330)	768,540	(†)	908,080	(66,158)	15.8	(0.97)	391,340	(26,531)	18.8	(1.01)	373,070	(60,722)	16.4	(2.26)	143,660	(3,078)	10.3	(0.24)
750 or more	887,190	(18,232)	895,720	(6,538)	995,120	(8,094)	17.3	(0.29)	340,170	(†)	16.3	(0.34)	384,720	(5,766)	17.0	(0.56)	270,230	(5,680)	19.3	(0.46)
Student race/ethnicity <sup>3</sup>																				
White	4,061,870	(24,242)	3,410,360	(31,067)	3,363,900	(58,435)	68.6	(0.34)	1,253,540	(30,813)	65.9	(0.50)	1,413,310	(48,831)	73.1	(0.73)	697,050	(15,024)	65.2	(0.21)
Black	494,530	(5,079)	430,970	(2,579)	453,590	(18,121)	9.3	(0.31)	149,000	(4,569)	7.8	(0.23)	204,780	(17,392)	10.6	(0.74)	99,810	(2,096)	9.3	(0.12)
Hispanic	435,890	(1,592)	443,290	(4,113)	510,400	(6,041)	10.4	(0.15)	296,770	(5,045)	15.6	(0.30)	128,440	(1,724)	6.6	(0.16)	85,220	(1,870)	8.0	(0.12)
Asian	239,510	(877)	239,320	(1,894)	304,440	(3,687)	6.2	(0.06)	99,330	(1,750)	5.2	(0.08)	104,500	(2,813)	5.4	(0.10)	100,610	(1,736)	9.4	(0.08)
Pacific Islander	[†]	(†)	28,020	(884)	35,480	(678)	0.7	(0.02)	10,930	(155)	0.6	(0.01)	9,570	(610)	0.5	(0.03)	14,980	(241)	1.4	(0.02)
American Indian/ Alaska Native	22,690	(164)	21,080	(162)	24,030	(524)	0.5	(0.01)	9,940	(237)	0.5	(0.01)	8,500	(458)	0.4	(0.03)	5,590	(89)	0.5	(0.01)
Two or more races	—	(†)	127,090	(781)	211,780	(3,749)	4.3	(0.08)	81,960	(676)	4.3	(0.07)	63,750	(3,351)	3.3	(0.15)	66,070	(1,911)	6.2	(0.16)
School locale																				
City	—	(†)	2,252,780	(12,708)	2,470,840	(53,027)	43.0	(0.77)	977,860	(26,785)	47.0	(1.03)	880,190	(36,303)	38.8	(1.44)	612,790	(21,658)	43.8	(0.91)
Suburban	—	(†)	2,137,800	(20,891)	2,309,860	(57,410)	40.2	(0.82)	862,870	(33,018)	41.4	(1.11)	854,660	(41,909)	37.7	(1.60)	592,330	(12,780)	42.3	(0.70)
Town	—	(†)	387,920	(9,565)	355,410	(34,093)	6.2	(0.56)	147,580	(2,341)	7.1	(0.18)	168,270	(34,003)	7.4	(1.40)	39,560	(815)	2.8	(0.07)
Rural	—	(†)	709,990	(26,462)	614,410	(34,188)	10.7	(0.57)	94,350	(7,354)	4.5	(0.34)	365,700	(31,744)	16.1	(1.31)	154,350	(6,418)	11.0	(0.46)
<b>Teachers<sup>5</sup></b>																				
<b>Total</b>	<b>408,400</b>	<b>(2,977)</b>	<b>437,410</b>	<b>(3,222)</b>	<b>481,560</b>	<b>(7,265)</b>	<b>100.0</b>	<b>(†)</b>	<b>143,190</b>	<b>(1,958)</b>	<b>100.0</b>	<b>(0.00)</b>	<b>193,220</b>	<b>(6,433)</b>	<b>100.0</b>	<b>(†)</b>	<b>145,160</b>	<b>(2,801)</b>	<b>100.0</b>	<b>(†)</b>
School level <sup>2</sup>																				
Elementary	200,910	(735)	194,480	(1,878)	202,630	(3,654)	42.1	(0.71)	88,570	(1,949)	61.9	(0.53)	62,860	(2,409)	32.5	(1.38)	51,200	(1,698)	35.3	(0.81)
Secondary	62,740	(229)	67,530	(553)	69,490	(703)	14.4	(0.23)	39,830	(208)	27.8	(0.39)	13,750	(657)	7.1	(0.37)	15,910	(486)	11.0	(0.30)
Combined	144,750	(2,682)	175,410	(1,853)	209,440	(6,315)	43.5	(0.84)	14,780	(24)	10.3	(0.15)	116,610	(6,181)	60.4	(1.63)	78,040	(1,656)	53.8	(0.70)
School enrollment																				
Less than 50	25,970	(488)	34,120	(1,642)	38,330	(2,348)	8.0	(0.46)	1,290	(76)	0.9	(0.05)	20,770	(2,155)	10.7	(1.07)	16,270	(1,282)	11.2	(0.74)
50 to 149	70,800	(983)	82,460	(1,102)	87,710	(2,113)	18.2	(0.45)	13,980	(1,196)	9.8	(0.85)	40,460	(1,626)	20.9	(0.98)	33,270	(1,148)	22.9	(0.66)
150 to 299	102,240	(486)	107,490	(1,873)	114,470	(3,619)	23.8	(0.63)	42,120	(1,181)	29.4	(0.62)	42,770	(3,209)	22.1	(1.42)	29,580	(1,135)	20.4	(0.64)
300 to 499	90,010	(1,316)	86,850	(751)	87,750	(1,408)	18.2	(0.39)	37,640	(1,114)	26.3	(0.64)	29,080	(958)	15.1	(0.74)	21,030	(540)	14.5	(0.42)
500 to 749	57,930	(79)	56,920	(†)	72,080	(5,118)	15.0	(0.91)	24,930	(983)	17.4	(0.59)	30,390	(5,017)	15.7	(2.23)	16,760	(390)	11.5	(0.25)
750 or more	61,440	(2,143)	69,570	(566)	81,230	(746)	16.9	(0.29)	23,220	(†)	16.2	(0.22)	29,750	(416)	15.4	(0.54)	28,250	(620)	19.5	(0.41)
School locale																				
City	—	(†)	176,740	(799)	204,320	(4,101)	42.4	(0.77)	65,620	(1,539)	45.8	(0.71)	74,980	(3,031)	38.8	(1.52)	63,710	(1,996)	43.9	(0.95)
Suburban	—	(†)	166,170	(2,463)	185,460	(3,848)	38.5	(0.75)	58,630	(1,148)	40.9	(0.69)	69,380	(3,235)	35.9	(1.57)	57,440	(1,273)	39.6	(0.79)
Town	—	(†)	30,390	(663)	30,530	(3,366)	6.3	(0.66)	11,100	(186)	7.8	(0.16)	15,340	(3,358)	7.9	(1.62)	4,090	(138)	2.8	(0.09)
Rural	—	(†)	64,120	(1,960)	61,260	(3,835)	12.7	(0.72)	7,840	(453)	5.5	(0.30)	33,510	(3,521)	17.3	(1.60)	19,910	(1,223)	13.7	(0.75)

See notes at end of table.

**Table 205.40. Number and percentage distribution of private elementary and secondary students, teachers, and schools, by orientation of school and selected characteristics: Fall 1999, fall 2009, and fall 2015—Continued**

[Standard errors appear in parentheses]

Selected characteristic	Fall 1999, total number	Fall 2009, total number	Fall 2015												
			Total		Catholic		Other religious		Nonsectarian						
			Number	Percent	Number	Percent	Number	Percent	Number	Percent					
1	2	3	4	5	6	7	8	9	10	11					
<b>Schools</b>															
<b>Total</b>	<b>33,000 (301)</b>	<b>33,370 (834)</b>	<b>34,580 (953)</b>	<b>100.0 (†)</b>	<b>7,010 (121)</b>	<b>100.0 (0.00)</b>	<b>16,260 (871)</b>	<b>100.0 (†)</b>	<b>11,300 (424)</b>	<b>100.0 (†)</b>					
School level <sup>2</sup>															
Elementary	22,300 (242)	21,420 (745)	21,910 (831)	63.4 (1.08)	5,570 (130)	79.4 (0.50)	9,110 (806)	56.0 (2.42)	7,230 (282)	64.0 (1.16)					
Secondary	2,540 (62)	2,780 (39)	2,950 (120)	8.5 (0.27)	990 (9)	14.2 (0.27)	990 (113)	6.1 (0.54)	960 (34)	8.5 (0.40)					
Combined	8,150 (160)	9,160 (153)	9,720 (377)	28.1 (1.13)	450 (13)	6.4 (0.27)	6,160 (316)	37.9 (2.61)	3,110 (207)	27.5 (1.16)					
School enrollment															
Less than 50	9,160 (210)	11,070 (801)	11,800 (771)	34.1 (1.37)	320 (38)	4.5 (0.51)	6,900 (738)	42.4 (2.44)	4,580 (309)	40.5 (1.37)					
50 to 149	10,260 (134)	10,470 (154)	10,670 (268)	30.9 (0.65)	1,430 (99)	20.4 (1.30)	5,000 (236)	30.7 (1.22)	4,240 (126)	37.5 (1.18)					
150 to 299	7,440 (34)	6,690 (46)	6,800 (161)	19.7 (0.59)	2,790 (67)	39.9 (0.82)	2,490 (118)	15.3 (0.99)	1,520 (85)	13.4 (0.58)					
300 to 499	3,730 (41)	3,010 (30)	2,930 (62)	8.5 (0.36)	1,480 (47)	21.2 (0.63)	950 (44)	5.8 (0.56)	500 (17)	4.4 (0.22)					
500 to 749	1,530 (3)	1,280 (†)	1,500 (103)	4.3 (0.31)	650 (42)	9.3 (0.60)	610 (94)	3.7 (0.59)	240 (4)	2.1 (0.08)					
750 or more	870 (20)	850 (7)	880 (7)	2.5 (0.07)	330 (†)	4.7 (0.08)	320 (5)	2.0 (0.11)	230 (4)	2.0 (0.08)					
School locale															
City	— (†)	10,810 (171)	11,480 (398)	33.2 (1.04)	2,880 (107)	41.2 (0.94)	4,550 (205)	28.0 (1.56)	4,040 (277)	35.7 (1.71)					
Suburban	— (†)	11,610 (176)	12,660 (273)	36.6 (1.06)	2,690 (52)	38.4 (1.12)	4,600 (149)	28.3 (1.43)	5,370 (199)	47.5 (1.54)					
Town	— (†)	3,340 (154)	2,900 (216)	8.4 (0.60)	830 (8)	11.9 (0.23)	1,630 (213)	10.0 (1.20)	430 (36)	3.8 (0.30)					
Rural	— (†)	7,610 (799)	7,540 (725)	21.8 (1.64)	600 (55)	8.6 (0.69)	5,480 (705)	33.7 (2.79)	1,460 (150)	12.9 (1.14)					

—Not available.

†Not applicable.

<sup>1</sup>Includes students in prekindergarten through grade 12 in schools that offer kindergarten or higher grade.

<sup>2</sup>Elementary schools have grade 6 or lower and no grade higher than 8. Secondary schools have no grade lower than 7. Combined schools include those that have grades lower than 7 and higher than 8, as well as those that do not classify students by grade level.

<sup>3</sup>Race/ethnicity was not collected for prekindergarten students (846,900 in fall 2015). Percentage distribution is based on the students for whom race/ethnicity was reported.

<sup>4</sup>For 1999, Pacific Islander students are included under Asian. Prior to 2009, data were not collected on Pacific Islander students as a separate category.

<sup>5</sup>Reported in full-time equivalents (FTE). Excludes teachers who teach only prekindergarten students.

NOTE: Tabulation includes schools that offer kindergarten or higher grade. Detail may not sum to totals because of rounding. SOURCE: U.S. Department of Education, National Center for Education Statistics, Private School Universe Survey (PSS), 1999–2000, 2009–10, and 2015–16. (This table was prepared June 2017.)

**Table 205.80. Private elementary and secondary schools, enrollment, teachers, and high school graduates, by state: Selected years, 2005 through 2015**

[Standard errors appear in parentheses]

State	Schools, fall 2015	Enrollment in prekindergarten through grade 12						Teachers, <sup>1</sup> fall 2015	High school graduates, 2014–15
		Fall 2005	Fall 2007	Fall 2009	Fall 2011	Fall 2013	Fall 2015		
1	2	3	4	5	6	7	8	9	10
<b>United States</b>	<b>34,580 (953)</b>	<b>6,073,240 (42,446)</b>	<b>5,910,210 (28,363)</b>	<b>5,488,490 (35,857)</b>	<b>5,268,090 (24,908)</b>	<b>5,395,740 (50,342)</b>	<b>5,750,520 (85,729)</b>	<b>481,560 (7,265)</b>	<b>343,250 (6,331)</b>
Alabama	350 (†)	92,280 (5,892)	83,840 (103)	95,570 (11,745)	81,070 (49)	76,400 (295)	75,070 (†)	5,870 (†)	4,710 (†)
Alaska	50 (†)	7,500 (1,028)	4,990 (†)	7,510! (2,740)	5,170 (†)	5,080 (†)	5,540 (†)	480 (†)	220 (†)
Arizona	320 (†)	66,840 (†)	64,910 (†)	55,390 (†)	53,120 (229)	55,070 (†)	56,610 (†)	4,110 (†)	3,030 (†)
Arkansas	330! (134)	35,390 (5,858)	40,120 (11,961)	28,900 (1,371)	29,930 (1,245)	30,340 (1,496)	37,930 (6,108)	3,670 (1,019)	1,800 (134)
California	3,420 (58)	737,490 (15,529)	703,810 (6,129)	623,150 (4,185)	608,070 (69)	596,160 (3,500)	627,170 (10,231)	49,520 (1,001)	36,930 (544)
Colorado	600! (183)	70,770 (1,160)	64,740 (†)	63,720 (3,486)	61,140 (148)	60,690 (4,498)	68,140 (9,589)	5,680 (1,172)	2,790 (†)
Connecticut	420 (61)	76,220 (1,619)	85,150 (9,241)	72,540 (464)	66,320 (142)	72,770 (8,293)	66,710 (2,671)	7,770 (410)	7,140 (632)
Delaware	100 (†)	29,830 (†)	32,520 (2,701)	26,640 (†)	25,090 (†)	23,640 (†)	19,660 (†)	1,650 (†)	1,180 (†)
District of Columbia	90! (31)	19,880 (†)	19,640 (†)	17,810 (†)	16,950 (†)	19,790 (277)	17,110 (1,939)	2,050 (285)	1,500 (16)
Florida	2,200 (69)	396,790 (7,429)	391,660 (6,123)	343,990 (1,023)	340,960 (230)	372,790 (2,812)	389,310 (207)	30,520 (69)	22,770 (†)
Georgia	1,220 (308)	152,600 (10,394)	157,430 (9,185)	150,300 (6,251)	138,080 (†)	150,360 (2,250)	189,630 (27,662)	19,930 (3,722)	11,630 (1,556)
Hawaii	140 (11)	32,810 (†)	37,300 (290)	37,130 (†)	37,530 (†)	33,820 (32)	45,600 (7,730)	3,730 (662)	3,510 (660)
Idaho	260! (113)	15,320 (2,518)	24,700! (11,608)	18,680 (4,814)	13,670 (193)	18,580 (3,090)	20,230 (3,947)	1,420 (229)	640 (†)
Illinois	1,500 (51)	317,940 (4,263)	312,270 (6,638)	289,720 (9,237)	271,030 (1,289)	281,360 (6,026)	280,440 (19,662)	19,600 (922)	16,800 (132)
Indiana	1,660! (678)	139,370 (17,870)	119,910 (2,284)	120,770 (5,919)	129,120 (12,177)	121,230 (3,928)	171,570 (4,510)	11,940 (774)	7,130 (1,024)
Iowa	510! (180)	60,960 (8,311)	47,820 (†)	45,160 (†)	63,840 (14,665)	56,150 (9,338)	70,870 (16,178)	5,120 (999)	2,580 (20)
Kansas	210 (†)	47,130 (1,654)	47,780 (2,414)	44,680 (1,668)	43,100 (1,640)	41,520 (3,286)	42,270 (†)	3,210 (†)	2,550 (†)
Kentucky	330 (†)	78,880 (1,228)	76,140 (2,074)	70,590 (2,132)	69,410 (12)	74,750 (4,226)	70,090 (†)	5,670 (†)	4,520 (†)
Louisiana	580 (150)	138,270 (525)	137,460 (†)	147,040 (9,890)	125,720 (108)	129,720 (2,606)	166,560 (33,949)	12,640 (2,721)	11,420! (3,620)
Maine	140 (†)	20,680 (337)	21,260 (143)	18,310 (†)	18,350 (†)	18,380 (272)	18,600 (†)	2,020 (†)	2,700 (0)
Maryland	760 (18)	170,350 (4,201)	165,760 (1,160)	145,690 (160)	137,450 (564)	143,530 (2,030)	142,630 (3,549)	13,810 (21)	9,130 (†)
Massachusetts	760 (43)	157,770 (3,273)	151,640 (2,516)	137,110 (1,169)	130,940 (1,596)	134,560 (943)	123,230 (865)	14,440 (242)	9,270 (†)
Michigan	890 (120)	166,950 (407)	159,100 (2,047)	153,230 (5,828)	135,580 (544)	141,590 (6,240)	172,130 (34,196)	13,550 (3,271)	10,960 (2,377)
Minnesota	470 (†)	104,730 (3,467)	101,740 (3,903)	89,530 (†)	87,620 (†)	85,260 (†)	75,630 (†)	5,860 (†)	4,430 (†)
Mississippi	180 (†)	57,930 (4,104)	55,270 (†)	54,650 (2,458)	52,060 (†)	50,330 (3,333)	43,580 (†)	3,530 (†)	2,700 (†)
Missouri	870 (173)	137,810 (10,580)	125,610 (3,685)	117,970 (2,065)	130,130 (8,715)	139,570 (25,980)	125,290 (8,723)	10,340 (935)	8,540 (811)
Montana	120 (†)	‡	15,030! (5,465)	10,390 (1,221)	10,550 (†)	10,560 (521)	11,690 (†)	980 (†)	400 (†)
Nebraska	350! (133)	42,420 (†)	40,320 (†)	39,040 (†)	40,750 (†)	42,300 (†)	48,960 (5,442)	3,120 (133)	2,460 (†)
Nevada	150 (†)	29,120 (†)	29,820 (2,009)	25,060 (†)	26,130 (†)	21,980 (†)	23,910 (†)	1,540 (†)	1,240 (†)
New Hampshire	260 (†)	33,220 (†)	30,920 (†)	26,470 (†)	27,350 (†)	26,700 (†)	25,330 (†)	2,670 (†)	2,430 (†)
New Jersey	1,270 (97)	256,160 (8,439)	253,250 (5,016)	232,020 (16,536)	210,220 (1,211)	211,150 (4,607)	213,170 (13,684)	19,170 (1,154)	14,320 (836)
New Mexico	170 (†)	25,030 (141)	27,290 (1,388)	23,730 (607)	22,680 (10)	21,750 (†)	22,230 (†)	2,010 (†)	1,440 (†)
New York	1,940 (88)	510,750 (3,596)	518,850 (7,196)	486,310 (5,211)	487,810 (19,574)	452,380 (901)	520,660 (16,620)	46,140 (1,834)	35,600 (3,485)
North Carolina	650 (†)	117,280 (11,681)	121,660 (2,226)	110,740 (1,851)	119,070 (†)	118,090 (492)	124,030 (†)	11,830 (†)	7,490 (†)
North Dakota	50 (†)	7,290 (†)	7,430 (†)	7,750 (†)	7,770 (†)	8,290 (†)	7,830 (†)	630 (†)	370 (†)
Ohio	1,360 (133)	254,530 (9,821)	239,520 (2,741)	246,250 (24,214)	213,990 (3,419)	238,620 (19,487)	255,690 (40,837)	18,380 (2,652)	12,920 (†)
Oklahoma	180 (27)	35,350 (1,194)	40,320 (5,032)	34,000 (716)	35,750 (847)	32,740 (†)	32,160 (1,061)	2,740 (53)	1,570 (212)
Oregon	410 (†)	69,620 (14,139)	66,260 (5,188)	56,820 (3,502)	53,200 (†)	58,830 (3,109)	57,310 (†)	4,210 (†)	3,470 (†)
Pennsylvania	2,740 (221)	332,740 (3,918)	324,020 (6,253)	301,640 (5,036)	276,300 (3,668)	253,800 (756)	315,830 (38,974)	26,350 (3,070)	19,640 (3,078)
Rhode Island	130 (19)	30,600 (†)	28,260 (1,096)	24,940 (†)	25,420 (†)	22,180 (†)	20,620 (2,711)	1,900 (218)	1,460 (†)
South Carolina	370 (†)	70,240 (1,797)	71,430 (1,043)	62,320 (311)	60,890 (†)	65,350 (4,447)	62,830 (†)	5,310 (†)	3,130 (†)
South Dakota	70 (†)	12,700 (†)	12,280 (†)	11,470 (†)	12,490 (†)	9,950 (†)	10,740 (†)	830 (†)	380 (†)
Tennessee	500 (†)	105,240 (2,531)	117,540 (12,851)	98,310 (4,176)	92,430 (34)	93,990 (3,210)	91,950 (†)	8,730 (†)	6,040 (†)
Texas	2,400 (373)	304,170 (20,453)	296,540 (4,132)	313,360 (11,968)	285,320 (2,046)	312,640 (5,896)	351,270 (26,334)	30,430 (1,644)	16,540 (851)
Utah	160 (†)	21,220 (†)	20,860 (†)	21,990 (1,558)	18,660 (55)	23,310 (†)	21,140 (†)	1,800 (†)	1,490 (†)
Vermont	110 (†)	11,530 (†)	12,600 (232)	10,350 (†)	9,030 (†)	8,890 (†)	10,040 (†)	1,280 (†)	1,080 (†)
Virginia	950 (119)	155,220 (14,290)	143,140 (7,988)	128,140 (2,581)	123,780 (82)	131,330 (1,828)	140,350 (12,832)	12,850 (921)	7,150 (†)
Washington	640 (24)	119,640 (13,187)	104,070 (3,054)	94,340 (625)	93,630 (234)	119,730 (17,349)	100,140 (479)	7,680 (48)	5,650 (†)
West Virginia	130 (†)	16,120 (†)	14,980 (†)	13,860 (†)	13,430 (1)	14,350 (†)	14,780 (†)	1,330 (†)	850 (†)
Wisconsin	1,050 (114)	142,280 (137)	138,290 (1,597)	130,510 (†)	127,250 (†)	160,650 (32,980)	144,020 (11,405)	11,310 (1,128)	5,540 (†)
Wyoming	40 (†)	2,310 (†)	2,930 (†)	2,910 (†)	2,740 (†)	2,780 (†)	2,240 (†)	220 (†)	30 (†)

†Not applicable.

!Interpret data with caution. The coefficient of variation (CV) for this estimate is between 30 and 50 percent.

‡Reporting standards not met. The coefficient of variation (CV) for this estimate is 50 percent or greater.

<sup>1</sup>Reported in full-time equivalents (FTE). Excludes teachers who teach only prekindergarten students.

NOTE: Includes special education, vocational/technical education, and alternative schools. Tabulation includes schools that offer kindergarten or higher grade. Includes enrollment of students in prekindergarten through grade 12 in schools that offer kindergarten or higher grade. Detail may not sum to totals because of rounding.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Private School Universe Survey (PSS), 2005–06 through 2015–16. (This table was prepared June 2017.)

**Table 206.10. Number and percentage of homeschooled students ages 5 through 17 with a grade equivalent of kindergarten through 12th grade, by selected child, parent, and household characteristics: Selected years, 1999 through 2016**

[Standard errors appear in parentheses]

Selected child, parent, or household characteristic	1999		2003		2007		2012		2016	
	Number homeschooled <sup>1</sup> (in thousands)	Percent homeschooled <sup>1</sup>	Number homeschooled <sup>1</sup> (in thousands)	Percent homeschooled <sup>1</sup>	Number homeschooled <sup>1</sup> (in thousands)	Percent homeschooled <sup>1</sup>	Number homeschooled <sup>1,2</sup> (in thousands)	Percent homeschooled <sup>1,2</sup>	Number homeschooled <sup>1</sup> (in thousands)	Percent homeschooled <sup>1</sup>
1	2	3	4	5	6	7	8	9	10	11
<b>Total</b>	<b>850 (71.1)</b>	<b>1.7 (0.14)</b>	<b>1,096 (92.3)</b>	<b>2.2 (0.18)</b>	<b>1,520 (118.0)</b>	<b>3.0 (0.23)</b>	<b>1,773 (115.7)</b>	<b>3.4 (0.23)</b>	<b>1,690 (118.4)</b>	<b>3.3 (0.23)</b>
<b>Sex of child</b>										
Male	417 (43.9)	1.6 (0.17)	569 (61.9)	2.2 (0.24)	639 (75.1)	2.4 (0.28)	875 (73.7)	3.3 (0.28)	807 (79.2)	3.0 (0.30)
Female	434 (46.1)	1.8 (0.19)	527 (58.2)	2.1 (0.23)	881 (97.4)	3.5 (0.39)	898 (80.3)	3.6 (0.32)	882 (74.8)	3.5 (0.29)
<b>Race/ethnicity of child</b>										
White	640 (62.3)	2.0 (0.19)	843 (77.5)	2.7 (0.25)	1,171 (102.2)	3.9 (0.34)	1,205 (95.7)	4.5 (0.35)	998 (92.6)	3.8 (0.35)
Black	84 (24.8)	1.0 (0.31)	103 (33.9)	1.3 (0.42)	61 (21.2)	0.8 (0.28)	140 (37.1)	2.0 (0.52)	132 (27.6)	1.9 (0.39)
Hispanic	77 (17.7)	1.1 (0.25)	59 (21.1)	0.7 (0.26)	147 (27.5)	1.5 (0.29)	265 (41.1)	2.3 (0.35)	444 (62.2)	3.5 (0.50)
Asian/Pacific Islander	†	†	†	†	†	†	73 (21.9)	2.8 (0.9)	44 (12.6)	1.4 (0.40)
Asian	†	†	†	†	†	†	†	†	42 (12.0)	1.4 (0.40)
Pacific Islander	†	†	†	†	†	†	†	†	†	†
American Indian/Alaska Native	†	†	†	†	†	†	†	†	†	†
Other <sup>3</sup>	16 (6.4)	1.6 (0.62)	59 (26.9)	4.9 (2.13)	111 (29.5)	4.8 (1.30)	82 (16.3)	3.2 (0.61)	69 (15.2)	2.7 (0.62)
<b>Grade equivalent<sup>4</sup></b>										
Kindergarten through grade 5	428 (48.1)	1.8 (0.20)	472 (55.3)	1.9 (0.23)	717 (83.8)	3.0 (0.36)	833 (84.8)	3.2 (0.33)	767 (74.4)	3.0 (0.29)
Kindergarten	92 (19.7)	2.4 (0.52)	†	†	†	†	212 (47.3)	4.0 (0.9)	181 (40.7)	3.5 (0.80)
Grades 1 through 3	199 (36.7)	1.6 (0.29)	214 (33.3)	1.8 (0.28)	406 (64.5)	3.4 (0.54)	353 (50.9)	2.9 (0.42)	300 (34.1)	2.4 (0.28)
Grades 4 and 5	136 (22.5)	1.7 (0.28)	160 (30.1)	1.9 (0.35)	197 (41.4)	2.5 (0.52)	268 (44.2)	3.2 (0.52)	287 (51.8)	3.4 (0.62)
Grades 6 through 8	186 (28.0)	1.6 (0.24)	302 (44.9)	2.4 (0.36)	371 (65.3)	3.0 (0.53)	424 (49.0)	3.5 (0.41)	398 (49.1)	3.3 (0.41)
Grades 9 through 12	235 (33.3)	1.7 (0.24)	315 (47.0)	2.3 (0.33)	422 (58.2)	2.8 (0.38)	516 (53.6)	3.8 (0.39)	525 (55.9)	3.8 (0.40)
<b>Number of children in the household</b>										
One child	132 (18.0)	1.3 (0.17)	110 (22.3)	1.4 (0.27)	197 (32.5)	2.3 (0.38)	418 (29.6)	3.4 (0.23)	338 (35.5)	2.7 (0.27)
Two children	248 (28.4)	1.3 (0.15)	306 (45.1)	1.5 (0.22)	414 (67.2)	2.0 (0.32)	493 (51.5)	2.5 (0.26)	475 (55.3)	2.3 (0.27)
Three or more children	470 (63.9)	2.3 (0.31)	679 (80.2)	3.1 (0.36)	909 (102.4)	4.1 (0.46)	862 (88.4)	4.5 (0.47)	877 (84.8)	4.7 (0.45)
<b>Number of parents in the household</b>										
Two parents	683 (68.3)	2.1 (0.21)	886 (82.7)	2.5 (0.23)	1,357 (111.5)	3.6 (0.30)	1,354 (104.2)	3.8 (0.29)	1,358 (103.7)	3.7 (0.28)
One parent	142 (25.0)	0.9 (0.16)	196 (42.6)	1.5 (0.32)	118 (28.4)	1.0 (0.24)	342 (51.6)	2.5 (0.37)	293 (38.4)	2.3 (0.30)
Nonparental guardians	25 (14.4)	†	†	†	†	†	77 (31.9)	4.0 (1.6)	38 (9.9)	2.0 (0.54)
<b>Parent participation in the labor force</b>										
Two parents—both in labor force	237 (39.8)	1.0 (0.17)	274 (44.1)	1.1 (0.18)	518 (76.2)	2.0 (0.29)	588 (63.5)	2.5 (0.27)	427 (56.5)	1.7 (0.23)
Two parents—one in labor force	444 (53.9)	4.6 (0.55)	594 (73.7)	5.6 (0.67)	808 (94.3)	7.5 (0.82)	719 (78.3)	6.2 (0.65)	935 (87.8)	7.2 (0.68)
One parent in labor force	98 (21.8)	0.7 (0.16)	174 (39.8)	1.4 (0.33)	127 (29.5)	1.3 (0.30)	247 (40.9)	2.2 (0.36)	189 (29.6)	1.8 (0.29)
No parent participation in labor force	71 (18.8)	1.9 (0.48)	†	†	†	†	130 (31.9)	4.8 (1.15)	139 (23.9)	4.0 (0.72)
<b>Highest education level of parents</b>										
High school diploma or less	160 (26.5)	0.9 (0.15)	269 (51.6)	1.7 (0.32)	208 (35.5)	1.5 (0.24)	560 (81.7)	3.4 (0.50)	510 (66.1)	3.3 (0.43)
Vocational/technical, associate's degree, or some college	287 (37.3)	1.9 (0.24)	338 (57.7)	2.1 (0.36)	559 (77.5)	3.8 (0.52)	525 (45.6)	3.4 (0.29)	418 (49.2)	3.1 (0.36)
Bachelor's degree/some graduate school	213 (36.2)	2.6 (0.42)	309 (48.5)	2.8 (0.45)	444 (64.7)	3.9 (0.57)	434 (51.4)	3.7 (0.43)	501 (64.0)	3.6 (0.45)
Graduate/professional degree	190 (39.8)	2.3 (0.46)	180 (41.6)	2.3 (0.55)	309 (50.0)	2.9 (0.46)	255 (27.3)	3.3 (0.36)	260 (30.7)	3.0 (0.35)
<b>Household income<sup>5</sup></b>										
\$20,000 or less	184 (35.2)	1.5 (0.28)	164 (38.9)	1.8 (0.43)	186 (42.1)	2.2 (0.50)	219 (41.8)	2.9 (0.56)	184 (29.0)	2.9 (0.46)
\$20,001 to \$50,000	356 (42.9)	1.8 (0.22)	430 (60.3)	2.6 (0.36)	420 (59.8)	3.1 (0.42)	528 (65.5)	3.8 (0.47)	483 (59.4)	3.7 (0.46)
\$50,001 to \$75,000	162 (25.1)	1.9 (0.30)	264 (51.1)	2.4 (0.46)	414 (58.8)	4.0 (0.57)	370 (48.9)	3.9 (0.53)	435 (58.6)	4.8 (0.65)
\$75,001 to \$100,000	148 (26.5)	1.5 (0.28)	169 (42.9)	2.6 (0.66)	264 (57.2)	3.8 (0.83)	288 (47.3)	4.2 (0.69)	268 (38.4)	3.8 (0.55)
Over \$100,000	— (†)	— (†)	† (†)	† (†)	236 (57.5)	2.0 (0.49)	367 (42.8)	2.7 (0.31)	319 (39.0)	1.9 (0.24)
<b>Locale</b>										
City	— (†)	— (†)	— (†)	— (†)	327 (40.4)	2.0 (0.26)	493 (59.5)	3.3 (0.40)	493 (56.0)	3.0 (0.33)
Suburban	— (†)	— (†)	— (†)	— (†)	503 (78.8)	2.6 (0.41)	601 (66.8)	3.1 (0.34)	651 (76.2)	2.9 (0.33)
Town	— (†)	— (†)	— (†)	— (†)	168 (37.1)	3.0 (0.65)	127 (30.8)	2.6 (0.63)	177 (30.0)	4.3 (0.70)
Rural	— (†)	— (†)	— (†)	— (†)	523 (75.9)	4.9 (0.71)	552 (68.2)	4.5 (0.55)	368 (45.1)	4.4 (0.54)

—Not available.

†Not applicable.

!Interpret data with caution. The coefficient of variation (CV) for this estimate is between 30 and 50 percent.

‡Reporting standards not met (too few cases for a reliable estimate).

<sup>1</sup>Excludes students who were enrolled in school for more than 25 hours a week. Also excludes students who were homeschooled only due to a temporary illness in 1999 and 2003 as well as students who were homeschooled primarily due to a temporary illness in 2007, 2012, and 2016.

<sup>2</sup>The National Center for Education Statistics uses a statistical adjustment for estimates of homeschoolers in 2012. For more information about this adjustment, please see *Homeschooling in the United States: 2012* (NCES 2016-096REV).

<sup>3</sup>Includes Two or more races and race/ethnicity not reported.

<sup>4</sup>Students whose grade equivalent was “ungraded” were excluded from the grade analysis. The percentage of students with an “ungraded” grade equivalent was 0.02 percent in 2003 and 2007. There were no students with an “ungraded” grade equivalent in 2012.

<sup>5</sup>For 1999, estimates combine the “\$75,001 to \$100,000” and “Over \$100,000” categories.

NOTE: While National Household Education Surveys Program (NHES) administrations prior to 2012 were administered via telephone with an interviewer, NHES:2012 and NHES:2016 used self-administered paper-and-pencil questionnaires that were mailed to respondents. Measurable differences between estimates for years prior to 2012 and estimates for later years could reflect actual changes in the population, or the changes could be due to the mode change from telephone to mail. Race categories exclude persons of Hispanic ethnicity. Detail may not sum to totals because of rounding. Some data have been revised from previously published figures.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Parent Survey and Parent and Family Involvement in Education Survey of the National Household Education Surveys Program (Parent-NHES:1999 and PFI-NHES:2003, 2007, 2012, and 2016). (This table was prepared February 2018.)

**Table 206.20. Percentage distribution of students ages 5 through 17 attending kindergarten through 12th grade, by school type or participation in homeschooling and selected child, parent, and household characteristics: Selected years, 1999 through 2016**

[Standard errors appear in parentheses]

Selected child, parent, or household characteristic	1999				2003				2007				2016			
	Public school		Private school	Home-schooled <sup>1</sup>	Public school		Private school	Home-schooled <sup>1</sup>	Public school		Private school	Home-schooled <sup>1</sup>	Public school <sup>2</sup>		Private school	Home-schooled <sup>1</sup>
	Assigned	Chosen			Assigned	Chosen			Assigned	Chosen			Assigned	Chosen		
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
<b>Total</b> .....	<b>74.1 (0.45)</b>	<b>14.3 (0.33)</b>	<b>10.0 (0.28)</b>	<b>1.7 (0.14)</b>	<b>72.1 (0.57)</b>	<b>15.0 (0.41)</b>	<b>10.8 (0.39)</b>	<b>2.2 (0.18)</b>	<b>70.6 (0.70)</b>	<b>15.0 (0.55)</b>	<b>11.4 (0.45)</b>	<b>3.0 (0.23)</b>	<b>68.8 (0.62)</b>	<b>18.7 (0.52)</b>	<b>9.2 (0.32)</b>	<b>3.3 (0.23)</b>
Sex of child																
Male .....	74.8 (0.60)	13.9 (0.44)	9.7 (0.34)	1.6 (0.17)	72.1 (0.70)	15.0 (0.56)	10.7 (0.48)	2.2 (0.24)	70.7 (1.05)	15.3 (0.79)	11.5 (0.73)	2.4 (0.28)	69.6 (0.88)	18.4 (0.78)	8.9 (0.42)	3.0 (0.30)
Female .....	73.4 (0.61)	14.6 (0.45)	10.3 (0.41)	1.8 (0.19)	72.1 (0.78)	14.9 (0.54)	10.8 (0.51)	2.1 (0.23)	70.5 (0.88)	14.7 (0.64)	11.2 (0.54)	3.5 (0.39)	68.0 (0.93)	19.0 (0.83)	9.5 (0.48)	3.5 (0.29)
Race/ethnicity of child																
White .....	75.0 (0.54)	11.2 (0.35)	11.8 (0.39)	2.0 (0.19)	72.7 (0.67)	12.4 (0.47)	12.2 (0.48)	2.7 (0.25)	69.9 (0.80)	12.0 (0.46)	14.2 (0.61)	3.9 (0.34)	71.8 (0.74)	13.4 (0.52)	11.0 (0.48)	3.8 (0.35)
Black .....	70.2 (1.24)	22.6 (1.22)	6.2 (0.47)	1.0 (0.31)	66.6 (1.49)	23.4 (1.45)	8.6 (0.85)	1.3! (0.42)	68.4 (2.30)	23.0 (2.20)	7.8 (1.33)	0.8! (0.28)	60.3 (2.02)	30.1 (2.13)	8.0 (0.91)	1.9 (0.39)
Hispanic .....	76.0 (1.02)	17.6 (0.91)	5.2 (0.40)	1.1 (0.25)	77.2 (1.17)	15.0 (0.99)	7.1 (0.66)	0.7! (0.26)	74.6 (1.41)	17.5 (1.25)	6.3 (0.57)	1.5 (0.29)	66.8 (1.40)	23.1 (1.35)	6.1 (0.59)	3.5 (0.50)
Asian/Pacific Islander .....	68.8 (3.13)	18.1 (2.74)	11.3 (1.68)	‡ (†)	65.8 (3.52)	19.1 (3.23)	14.0 (2.21)	‡ (†)	72.1 (3.22)	13.6 (2.10)	12.1 (2.08)	‡ (†)	69.2 (2.45)	19.5 (2.06)	9.8 (1.58)	1.4 (0.40)
Asian .....	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	71.4 (3.15)	12.8 (2.11)	13.4 (2.25)	‡ (†)	69.4 (2.53)	19.2 (2.11)	9.9 (1.58)	1.4 (0.40)
Pacific Islander .....	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	77.9 (11.74)	‡ (†)	‡ (†)	‡ (†)	63.2 (12.42)	26.9! (12.19)	‡ (†)	‡ (†)
Other <sup>3</sup> .....	70.2 (2.90)	17.2 (2.50)	10.7 (1.96)	1.9 (0.56)	68.2 (3.75)	18.3 (2.87)	8.8 (2.14)	4.6! (1.76)	69.4 (2.83)	18.6 (2.41)	7.8 (1.22)	4.2 (1.13)	69.9 (1.94)	18.8 (1.79)	8.7 (1.17)	2.6 (0.56)
Disability status of child as reported by parent																
Has a disability .....	74.8 (0.93)	15.3 (0.78)	8.0 (0.49)	1.8 (0.27)	72.4 (1.12)	16.2 (0.75)	9.2 (0.70)	2.2 (0.35)	72.7 (1.35)	14.0 (0.91)	10.5 (0.96)	2.7 (0.49)	69.0 (1.29)	19.8 (1.17)	7.2 (0.61)	4.1 (0.50)
Does not have a disability .....	73.9 (0.51)	14.0 (0.36)	10.5 (0.34)	1.7 (0.16)	72.0 (0.67)	14.5 (0.51)	11.3 (0.44)	2.1 (0.21)	69.9 (0.76)	15.3 (0.63)	11.7 (0.48)	3.1 (0.28)	68.7 (0.70)	18.5 (0.59)	9.6 (0.38)	3.1 (0.24)
Grade equivalent <sup>4</sup>																
Kindergarten through 5th grade .....	71.5 (0.61)	15.1 (0.43)	11.6 (0.41)	1.8 (0.20)	70.1 (0.70)	16.2 (0.56)	11.8 (0.53)	1.9 (0.23)	68.5 (1.16)	16.2 (1.04)	12.2 (0.69)	3.0 (0.36)	70.0 (0.89)	17.8 (0.80)	9.1 (0.50)	3.0 (0.29)
Kindergarten .....	66.2 (1.67)	15.4 (1.13)	15.9 (1.29)	2.4 (0.52)	69.0 (1.50)	15.5 (1.18)	12.8 (1.21)	2.7 (0.64)	66.4 (2.20)	14.7 (1.60)	15.8 (1.61)	‡ (†)	70.3 (2.54)	17.1 (2.24)	9.4 (1.17)	3.5 (0.80)
Grades 1 through 3 .....	72.2 (0.87)	15.3 (0.67)	10.9 (0.53)	1.6 (0.29)	70.0 (1.18)	16.2 (0.96)	12.1 (0.73)	1.8 (0.28)	68.4 (1.68)	15.9 (1.63)	12.3 (0.93)	3.4 (0.54)	69.5 (1.35)	18.5 (1.16)	8.4 (0.84)	2.4 (0.28)
Grades 4 and 5 .....	72.9 (1.17)	14.6 (0.79)	10.7 (0.77)	1.7 (0.28)	70.7 (1.12)	16.5 (0.96)	10.9 (0.76)	1.9 (0.35)	69.7 (1.62)	17.5 (1.34)	10.3 (1.08)	2.5 (0.52)	70.7 (1.37)	17.4 (1.30)	9.9 (0.77)	3.4 (0.62)
Grades 6 through 8 .....	77.4 (0.79)	11.5 (0.65)	9.5 (0.47)	1.6 (0.24)	73.3 (1.03)	14.1 (0.81)	10.2 (0.59)	2.4 (0.36)	74.4 (1.44)	11.6 (0.81)	11.0 (1.14)	3.0 (0.53)	68.9 (1.13)	17.9 (0.89)	8.8 (0.62)	3.3 (0.41)
Grades 9 through 12 .....	75.7 (0.75)	15.1 (0.60)	7.5 (0.44)	1.7 (0.24)	74.6 (0.97)	13.6 (0.76)	9.5 (0.63)	2.3 (0.33)	70.8 (1.07)	15.9 (0.84)	10.5 (0.75)	2.8 (0.38)	66.4 (0.88)	20.9 (0.81)	8.8 (0.53)	3.8 (0.40)
Number of parents in the household																
Two parents .....	74.5 (0.54)	12.0 (0.35)	11.5 (0.37)	2.1 (0.21)	71.8 (0.67)	13.6 (0.51)	12.1 (0.47)	2.5 (0.23)	69.5 (0.73)	13.8 (0.49)	12.9 (0.52)	3.6 (0.30)	68.5 (0.75)	17.2 (0.54)	10.5 (0.42)	3.7 (0.28)
One parent .....	73.5 (0.78)	18.2 (0.55)	7.3 (0.47)	0.9 (0.16)	72.9 (1.09)	18.0 (0.98)	7.6 (0.67)	1.5 (0.32)	73.6 (1.39)	17.2 (1.14)	8.1 (1.18)	1.0 (0.24)	68.9 (1.39)	22.7 (1.30)	6.2 (0.55)	2.3 (0.30)
Nonparental guardians .....	71.6 (2.70)	21.9 (2.72)	5.1 (0.84)	‡ (†)	73.2 (3.05)	20.1 (2.59)	5.8 (1.36)	‡ (†)	72.2 (5.91)	23.0 (6.19)	2.6 (0.74)	‡ (†)	74.2 (2.92)	19.5 (2.83)	4.0 (0.84)	2.0 (0.54)
Highest education level of parents																
Less than a high school diploma .....	79.1 (1.38)	18.0 (1.46)	2.7 (0.51)	‡ (†)	76.9 (2.06)	18.9 (1.76)	2.9! (1.18)	‡ (†)	83.5 (2.77)	11.9 (1.93)	‡ (†)	‡ (†)	71.7 (2.53)	19.2 (2.03)	4.2 (1.00)	4.4 (1.02)
High school diploma or GED .....	79.0 (0.84)	14.3 (0.72)	5.6 (0.44)	1.1 (0.19)	77.8 (1.01)	15.5 (0.89)	4.9 (0.45)	1.8 (0.34)	79.3 (1.74)	15.1 (1.66)	3.8 (0.56)	1.8 (0.32)	73.9 (1.59)	19.6 (1.36)	3.7 (0.68)	2.7 (0.39)
Vocational/technical, associate's degree, or some college .....	75.8 (0.72)	14.7 (0.63)	7.7 (0.40)	1.9 (0.24)	74.0 (0.97)	15.5 (0.74)	8.3 (0.58)	2.1 (0.36)	72.0 (1.03)	15.3 (0.99)	8.8 (0.70)	3.8 (0.52)	71.7 (0.97)	19.0 (0.90)	6.1 (0.56)	3.1 (0.36)
Bachelor's degree/some graduate school .....	68.6 (1.06)	13.2 (0.75)	15.8 (0.75)	2.4 (0.37)	67.1 (1.00)	13.2 (0.84)	16.8 (0.90)	2.8 (0.45)	67.3 (1.28)	14.6 (1.11)	14.2 (0.85)	3.9 (0.57)	65.8 (1.06)	17.9 (0.84)	12.8 (0.61)	3.6 (0.45)
Graduate/professional degree .....	65.0 (1.14)	12.4 (0.77)	20.2 (0.91)	2.4 (0.54)	63.6 (1.50)	13.5 (1.14)	20.5 (1.28)	2.3 (0.55)	59.3 (1.35)	16.0 (0.95)	21.8 (1.13)	2.9 (0.46)	61.5 (1.09)	18.2 (0.87)	17.6 (0.81)	3.0 (0.35)

See notes at end of table.

**Table 206.20. Percentage distribution of students ages 5 through 17 attending kindergarten through 12th grade, by school type or participation in homeschooling and selected child, parent, and household characteristics: Selected years, 1999 through 2016—Continued**

[Standard errors appear in parentheses]

Selected child, parent, or household characteristic	1999				2003				2007				2016			
	Public school		Private school	Home-schooled <sup>1</sup>	Public school		Private school	Home-schooled <sup>1</sup>	Public school		Private school	Home-schooled <sup>1</sup>	Public school <sup>2</sup>		Private school	Home-schooled <sup>1</sup>
	Assigned	Chosen			Assigned	Chosen			Assigned	Chosen			Assigned	Chosen		
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
<b>Poverty status of household<sup>3</sup></b>																
Poor .....	74.8 (1.16)	19.2 (1.06)	4.3 (0.50)	1.7 (0.34)	76.3 (1.28)	17.7 (1.10)	3.7 (0.67)	2.3 (0.58)	76.6 (2.48)	17.8 (2.35)	3.7 (1.04)	1.8 (0.40)	72.9 (1.54)	19.2 (1.31)	3.6 (0.68)	3.9 (0.58)
Near-poor .....	76.8 (0.79)	15.3 (0.70)	5.9 (0.48)	2.0 (0.31)	75.1 (1.17)	16.0 (0.87)	5.9 (0.69)	3.1 (0.50)	73.8 (1.51)	16.8 (1.19)	5.3 (0.73)	4.1 (0.66)	68.6 (1.26)	21.1 (1.32)	5.4 (0.67)	4.7 (0.51)
Nonpoor .....	72.5 (0.57)	11.8 (0.34)	14.0 (0.47)	1.6 (0.18)	69.8 (0.70)	13.8 (0.54)	14.6 (0.54)	1.8 (0.21)	67.9 (0.74)	13.6 (0.48)	15.5 (0.54)	3.0 (0.30)	67.7 (0.79)	17.7 (0.61)	12.1 (0.43)	2.6 (0.24)
<b>Locale</b>																
City .....	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	61.7 (1.46)	22.1 (1.38)	14.2 (0.97)	2.0 (0.26)	57.7 (1.22)	15.9 (0.71)	10.7 (0.58)	3.0 (0.33)
Suburban .....	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	72.7 (0.95)	11.8 (0.67)	12.8 (0.68)	2.6 (0.41)	71.2 (0.92)	13.6 (1.39)	10.2 (0.57)	2.9 (0.33)
Town .....	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	77.3 (1.77)	12.4 (1.43)	7.1 (0.75)	3.0 (0.65)	78.6 (1.69)	9.9 (0.67)	3.5 (0.56)	4.3 (0.70)
Rural .....	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	76.7 (1.36)	11.5 (1.03)	6.8 (1.09)	4.9 (0.71)	79.0 (1.05)	9.9 (0.67)	6.4 (0.61)	4.4 (0.54)
<b>Region</b>																
Northeast .....	72.8 (1.06)	13.4 (0.78)	12.6 (0.63)	1.1 (0.30)	71.6 (1.42)	11.9 (1.02)	14.6 (1.03)	1.8! (0.58)	72.5 (1.42)	11.8 (1.11)	13.6 (0.98)	2.2 (0.47)	73.4 (1.70)	28.4 (1.04)	12.1 (0.98)	1.8 (0.38)
South .....	75.4 (0.65)	13.2 (0.52)	9.3 (0.43)	2.0 (0.28)	74.2 (0.88)	14.9 (0.72)	8.3 (0.58)	2.6 (0.39)	71.9 (1.15)	13.6 (0.96)	10.8 (0.58)	3.8 (0.46)	67.5 (1.05)	15.9 (0.71)	8.2 (0.47)	3.9 (0.42)
Midwest .....	74.3 (0.80)	13.4 (0.72)	10.9 (0.61)	1.4 (0.24)	69.9 (1.27)	14.4 (0.92)	13.8 (1.04)	2.0 (0.37)	70.8 (1.54)	14.2 (1.06)	12.8 (1.14)	2.2 (0.53)	71.0 (1.44)	13.6 (1.39)	11.0 (0.83)	2.9 (0.48)
West .....	72.7 (0.95)	17.7 (0.73)	7.5 (0.49)	2.0 (0.34)	71.9 (1.07)	17.9 (0.97)	8.3 (0.59)	2.0 (0.34)	67.0 (1.40)	20.3 (1.17)	9.4 (0.75)	3.1 (0.42)	65.5 (1.30)	9.9 (0.67)	7.1 (0.58)	3.7 (0.40)

—Not available.

†Not applicable.

!Interpret data with caution. The coefficient of variation (CV) for this estimate is between 30 and 50 percent.

‡Reporting standards not met. The coefficient of variation (CV) for this estimate is 50 percent or greater.

<sup>1</sup>Excludes students who were enrolled in school for more than 25 hours a week. Also excludes students who were homeschooled only due to a temporary illness in 1999 and 2003 as well as students who were homeschooled primarily due to a temporary illness in 2007 and 2016.

<sup>2</sup>In 63 cases in 2016, questions about whether a student's school was assigned were not asked because parents reported the school as a private school, and it was only later identified as a public school based on administrative data. Due to the missing data on whether the school was assigned or chosen, these cases were excluded from the analysis of public chosen and assigned schools.

<sup>3</sup>Includes American Indian/Alaska Native, Two or more races, and race/ethnicity not reported.

<sup>4</sup>Students whose grade equivalent was "ungraded" were excluded from the grade analysis. The percentage of students with an "ungraded" grade equivalent was 0.03 percent in 1999 and 0.02 percent in 2003 and 2007.

<sup>5</sup>Poor children are those whose family incomes were below the Census Bureau's poverty threshold in the year prior to data

collection; near-poor children are those whose family incomes ranged from the poverty threshold to 199 percent of the poverty threshold; and nonpoor children are those whose family incomes were at or above 200 percent of the poverty threshold. The poverty threshold is a dollar amount that varies depending on a family's size and composition and is updated annually to account for inflation. In 2015, for example, the poverty threshold for a family of four with two children was \$24,036. Survey respondents are asked to select the range within which their income falls, rather than giving the exact amount of their income; therefore, the measure of poverty status is an approximation.

NOTE: Data are based on parent reports. While National Household Education Surveys Program (NHES) administrations in 1999, 2003, and 2007 were administered via telephone with an interviewer, NHES:2016 used self-administered paper-and-pencil questionnaires that were mailed to respondents. Measurable differences between estimates for 2016 and estimates for the earlier years in this table could reflect actual changes in the population, or the changes could be due to the mode change from telephone to mail. Race categories exclude persons of Hispanic ethnicity. Detail may not sum to totals because of rounding. Some data have been revised from previously published figures.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Parent Survey and Parent and Family Involvement in Education Survey of the National Household Education Surveys Program (Parent-NHES:1999 and PFI-NHES:2003, 2007, and 2016). (This table was prepared February 2018.)

**Table 206.30. Percentage of students enrolled in grades 1 through 12, by public school type and charter status, private school type, and selected child and household characteristics: 2016**

[Standard errors appear in parentheses]

Selected child or household characteristic and public school type	Total		Public school, total		Public school type <sup>1</sup>		Public school charter status		Private school, total		Private school type							
			Assigned	Chosen	Traditional <sup>2</sup>	Charter	Religious	Nonsectarian										
1	2	3	4	5	6	7	8	9	10									
<b>Total</b> .....	<b>100.0</b>	<b>(†)</b>	<b>90.5</b>	<b>(0.32)</b>	<b>70.6</b>	<b>(0.61)</b>	<b>19.8</b>	<b>(0.52)</b>	<b>85.9</b>	<b>(0.44)</b>	<b>4.6</b>	<b>(0.31)</b>	<b>9.5</b>	<b>(0.32)</b>	<b>7.6</b>	<b>(0.32)</b>	<b>1.9</b>	<b>(0.18)</b>
<b>Sex of child</b>																		
Male .....	100.0	(†)	90.8	(0.44)	71.1	(0.85)	19.5	(0.79)	86.2	(0.60)	4.5	(0.37)	9.2	(0.44)	7.3	(0.41)	1.9	(0.30)
Female .....	100.0	(†)	90.2	(0.51)	70.0	(0.99)	20.0	(0.83)	85.6	(0.72)	4.6	(0.51)	9.8	(0.51)	7.8	(0.49)	1.9	(0.20)
<b>Race/ethnicity of child</b>																		
White .....	100.0	(†)	88.5	(0.49)	74.2	(0.68)	14.1	(0.54)	85.8	(0.55)	2.7	(0.28)	11.5	(0.49)	9.4	(0.46)	2.0	(0.22)
Black .....	100.0	(†)	91.9	(1.01)	59.5	(2.02)	32.1	(2.10)	83.4	(1.64)	8.5	(1.41)	8.1	(1.01)	6.6	(0.98)	1.5	(0.37)
Hispanic .....	100.0	(†)	94.0	(0.59)	69.0	(1.39)	24.8	(1.32)	87.1	(0.90)	6.9	(0.75)	6.0	(0.59)	4.9	(0.53)	1.1	(0.30)
Asian/Pacific Islander .....	100.0	(†)	89.5	(1.80)	69.3	(2.34)	20.0	(1.93)	85.7	(2.00)	3.8	(1.09)	10.5	(1.80)	6.0	(1.24)	4.6	(1.34)
Asian .....	100.0	(†)	89.4	(1.80)	69.7	(2.39)	19.5	(1.94)	86.0	(1.92)	3.4	(0.94)	10.6	(1.80)	5.8	(1.22)	4.8	(1.40)
Pacific Islander .....	100.0	(†)	90.9	(5.29)	61.5	(12.11)	29.4	(12.51)	77.6	(12.18)	†	(†)	†	(†)	†	(†)	†	(†)
Other <sup>3</sup> .....	100.0	(†)	91.6	(1.19)	73.5	(2.01)	17.9	(1.71)	89.1	(1.33)	2.5	(0.60)	8.4	(1.19)	6.1	(0.95)	2.3	(0.61)
<b>Disability status of child as reported by parent</b>																		
Has a disability .....	100.0	(†)	92.5	(0.68)	72.5	(1.19)	19.8	(1.08)	88.2	(0.87)	4.3	(0.55)	7.5	(0.68)	5.7	(0.62)	1.8	(0.30)
Does not have a disability .....	100.0	(†)	90.1	(0.37)	70.2	(0.70)	19.7	(0.60)	85.5	(0.51)	4.6	(0.34)	9.9	(0.37)	7.9	(0.37)	1.9	(0.21)
<b>Grade level</b>																		
Grades 1 through 5 .....	100.0	(†)	90.7	(0.55)	71.8	(0.94)	18.8	(0.83)	85.3	(0.74)	5.4	(0.55)	9.3	(0.55)	7.5	(0.53)	1.8	(0.31)
Grades 6 through 8 .....	100.0	(†)	89.7	(0.63)	70.8	(1.16)	18.7	(0.93)	84.6	(0.85)	5.1	(0.61)	10.3	(0.63)	8.4	(0.58)	1.9	(0.33)
Grades 9 through 12 .....	100.0	(†)	91.0	(0.52)	68.8	(0.86)	22.0	(0.82)	88.0	(0.58)	3.0	(0.33)	9.0	(0.52)	7.0	(0.48)	2.0	(0.20)
<b>Number of parents in the household</b>																		
Two parents .....	100.0	(†)	89.2	(0.42)	70.8	(0.70)	18.2	(0.52)	84.7	(0.58)	4.4	(0.38)	10.8	(0.42)	8.6	(0.40)	2.2	(0.23)
One parent .....	100.0	(†)	93.5	(0.59)	69.7	(1.29)	23.6	(1.20)	88.4	(0.85)	5.1	(0.67)	6.5	(0.59)	5.4	(0.56)	1.1	(0.18)
Nonparental guardians .....	100.0	(†)	95.7	(0.90)	72.9	(3.35)	22.5	(3.30)	92.2	(1.14)	3.5	(0.78)	4.3	(0.90)	3.4	(0.73)	†	(†)
<b>Highest education level of parents</b>																		
Less than a high school diploma .....	100.0	(†)	95.2	(1.14)	72.0	(2.46)	22.9	(2.20)	87.9	(1.70)	7.3	(1.66)	4.8	(1.14)	4.1	(0.99)	†	(†)
High school diploma or GED .....	100.0	(†)	96.2	(0.71)	75.0	(1.63)	21.1	(1.41)	92.2	(1.13)	4.1	(0.85)	3.8	(0.71)	3.4	(0.66)	†	(†)
Vocational/technical, associate's degree, or some college .....	100.0	(†)	93.5	(0.62)	73.4	(1.00)	20.0	(0.92)	89.1	(0.73)	4.5	(0.49)	6.5	(0.62)	5.7	(0.56)	0.7	(0.18)
Bachelor's degree/some graduate school .....	100.0	(†)	86.8	(0.63)	68.7	(0.96)	17.9	(0.78)	82.9	(0.69)	3.9	(0.35)	13.2	(0.63)	10.8	(0.62)	2.3	(0.39)
Graduate/professional degree .....	100.0	(†)	82.1	(0.89)	63.2	(1.17)	18.8	(0.95)	77.4	(0.97)	4.7	(0.50)	17.9	(0.89)	12.4	(0.81)	5.5	(0.47)
<b>Poverty status of household<sup>4</sup></b>																		
Poor .....	100.0	(†)	95.8	(0.78)	74.0	(1.50)	21.5	(1.37)	90.5	(1.01)	5.3	(0.78)	4.2	(0.78)	3.1	(0.64)	1.1	(0.49)
Near-poor .....	100.0	(†)	94.2	(0.75)	70.3	(1.41)	23.7	(1.46)	88.1	(1.17)	6.1	(1.08)	5.8	(0.75)	5.3	(0.74)	0.5	(0.14)
Nonpoor .....	100.0	(†)	87.8	(0.43)	69.7	(0.77)	17.9	(0.61)	83.9	(0.55)	3.9	(0.27)	12.2	(0.43)	9.6	(0.41)	2.6	(0.21)
<b>Locale</b>																		
City .....	100.0	(†)	88.7	(0.60)	58.0	(1.12)	30.5	(1.06)	80.2	(0.90)	8.5	(0.75)	11.3	(0.60)	8.9	(0.57)	2.3	(0.27)
Suburban .....	100.0	(†)	89.8	(0.58)	72.9	(0.91)	16.7	(0.70)	86.2	(0.65)	3.6	(0.34)	10.2	(0.58)	8.1	(0.55)	2.1	(0.26)
Town .....	100.0	(†)	96.5	(0.52)	82.8	(1.49)	13.5	(1.36)	94.5	(0.82)	2.0	(0.56)	3.5	(0.52)	2.9	(0.47)	0.6	(0.21)
Rural .....	100.0	(†)	93.2	(0.66)	82.2	(0.91)	10.5	(0.77)	92.0	(0.68)	1.1	(0.31)	6.8	(0.66)	5.6	(0.61)	1.2	(0.29)
<b>Region</b>																		
Northeast .....	100.0	(†)	87.5	(1.03)	74.6	(1.50)	12.7	(1.25)	83.6	(1.21)	3.9	(0.83)	12.5	(1.03)	9.6	(1.00)	2.9	(0.46)
South .....	100.0	(†)	91.7	(0.50)	70.2	(1.04)	21.4	(0.89)	88.0	(0.67)	3.6	(0.42)	8.3	(0.50)	6.4	(0.44)	2.0	(0.28)
Midwest .....	100.0	(†)	88.6	(0.87)	71.8	(1.52)	16.4	(1.22)	84.3	(1.31)	4.3	(0.83)	11.4	(0.87)	10.7	(0.83)	0.7	(0.13)
West .....	100.0	(†)	92.7	(0.61)	67.3	(1.42)	25.3	(1.33)	86.1	(0.92)	6.6	(0.70)	7.3	(0.61)	5.1	(0.52)	2.2	(0.36)
<b>Public school type<sup>1</sup></b>																		
Assigned .....	100.0 <sup>5</sup>	(†)	100.0	(†)	100.0	(†)	†	(†)	100.0	(†)	†	(†)	†	(†)	†	(†)	†	(†)
Chosen .....	100.0 <sup>5</sup>	(†)	100.0	(†)	†	(†)	100.0	(†)	76.8	(1.39)	23.2	(1.39)	†	(†)	†	(†)	†	(†)

†Not applicable.

!Interpret data with caution. The coefficient of variation (CV) for this estimate is between 30 and 50 percent.

‡Reporting standards not met. The coefficient of variation (CV) for this estimate is 50 percent or greater.

<sup>1</sup>In 31 cases, questions about whether a student's school was assigned were not asked because parents reported the school as a private school, and it was only later identified as a public school based on administrative data. Due to the missing data on whether the school was assigned or chosen, these cases were included neither with assigned public schools nor with chosen public schools. These cases were included in the public school totals, however, and they could still be accurately classified as either traditional or charter schools based on administrative data.

<sup>2</sup>Includes all types of public noncharter schools.

<sup>3</sup>Includes American Indian/Alaska Native, Two or more races, and race/ethnicity not reported.

<sup>4</sup>Poor children are those whose family incomes were below the Census Bureau's poverty threshold in the year prior to data collection; near-poor children are those whose family incomes ranged from the poverty threshold to 199 percent of the poverty threshold; and nonpoor children are those whose family incomes were at or above 200 percent of the poverty threshold. The poverty threshold is a dollar amount that varies depending on a family's size and composition and is updated annually to account for inflation. In 2015, for example, the poverty threshold for a family of four with two children was \$24,036. Survey respondents are asked to select the range within which their income falls, rather than giving the exact amount of their income; therefore, the measure of poverty status is an approximation.

<sup>5</sup>Includes only students enrolled in public schools.

NOTE: Data exclude homeschooled children. Race categories exclude persons of Hispanic ethnicity. Detail may not sum to totals because of rounding.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Parent and Family Involvement in Education Survey of the National Household Education Surveys Program (PFI-NHES:2016). (This table was prepared February 2018.)

**Table 206.40. Percentage of students enrolled in grades 1 through 12 whose parents reported having public school choice, considered other schools, reported current school was their first choice, or moved to their current neighborhood for the public school, by school type and selected child and household characteristics: 2016**

[Standard errors appear in parentheses]

School type and selected child or household characteristic	Public choice available		Considered other schools		School was parent's first choice		Moved to neighborhood for public school <sup>1</sup>	
1	2		3		4		5	
<b>Total</b> .....	<b>41.2</b>	<b>(0.69)</b>	<b>27.7</b>	<b>(0.58)</b>	<b>80.1</b>	<b>(0.56)</b>	<b>20.0</b>	<b>(0.62)</b>
<b>School type<sup>2</sup></b>								
Public, assigned .....	27.5	(0.82)	21.0	(0.66)	78.9	(0.64)	22.4	(0.70)
Public, chosen <sup>3</sup> .....	100.0	(0.00)	42.6	(1.50)	81.6	(1.29)	11.2	(1.07)
Private, religious .....	20.8	(1.65)	45.7	(2.20)	86.1	(1.78)	†	(†)
Private, nonsectarian .....	20.2	(3.18)	56.6	(3.64)	88.6	(2.90)	†	(†)
<b>Sex of child</b>								
Male .....	41.5	(0.98)	28.5	(0.86)	79.3	(0.83)	18.6	(0.85)
Female .....	40.8	(1.00)	26.9	(0.77)	81.0	(0.81)	21.5	(0.82)
<b>Race/ethnicity of child</b>								
White .....	35.7	(0.81)	26.0	(0.65)	84.1	(0.69)	22.3	(0.80)
Black .....	51.6	(2.20)	31.1	(1.91)	69.6	(2.41)	13.8	(1.47)
Hispanic .....	46.9	(1.62)	28.7	(1.34)	78.2	(1.35)	17.1	(1.31)
Asian/Pacific Islander .....	40.3	(2.24)	25.7	(1.96)	80.0	(1.85)	27.4	(2.28)
Asian .....	40.0	(2.33)	24.7	(1.91)	79.9	(1.91)	27.2	(2.37)
Pacific Islander .....	44.8	(11.83)	45.8	(12.32)	80.3	(10.12)	31.4!	(13.93)
Other <sup>4</sup> .....	41.0	(2.91)	32.8	(2.47)	79.1	(2.00)	20.4	(2.21)
<b>Disability status of child as reported by parent</b>								
Has a disability .....	41.5	(1.51)	30.2	(1.43)	76.1	(1.64)	18.5	(1.35)
Does not have a disability .....	41.1	(0.75)	27.2	(0.58)	81.0	(0.64)	20.3	(0.64)
<b>Grade level</b>								
Grades 1 through 5 .....	39.0	(1.19)	27.9	(0.97)	79.8	(0.93)	20.6	(1.00)
Grades 6 through 8 .....	40.8	(1.29)	27.3	(1.20)	78.8	(1.29)	19.0	(1.06)
Grades 9 through 12 .....	44.5	(0.88)	28.0	(0.90)	81.8	(0.78)	19.9	(0.83)
<b>Number of parents in the household</b>								
Two parents .....	40.6	(0.79)	28.6	(0.72)	82.1	(0.65)	20.4	(0.72)
One parent .....	42.3	(1.39)	26.8	(1.12)	76.3	(1.25)	19.9	(0.98)
Nonparental guardians .....	43.6	(3.88)	18.3	(2.64)	70.8	(4.07)	13.2	(2.76)
<b>Highest education level of parents</b>								
Less than a high school diploma .....	44.5	(2.54)	20.2	(2.54)	74.4	(2.98)	15.0	(2.14)
High school diploma or GED .....	42.0	(1.77)	16.2	(1.31)	77.6	(1.55)	12.4	(1.28)
Vocational/technical, associate's degree, or some college .....	41.6	(1.30)	26.3	(0.94)	77.7	(0.98)	18.0	(0.98)
Bachelor's degree/some graduate school .....	39.9	(1.20)	32.4	(0.99)	83.9	(1.02)	24.5	(1.10)
Graduate/professional degree .....	39.6	(1.10)	41.1	(1.13)	84.5	(0.90)	30.2	(1.30)
<b>Poverty status of household<sup>5</sup></b>								
Poor .....	42.2	(1.92)	21.5	(1.61)	73.1	(2.00)	15.1	(1.37)
Near-poor .....	46.4	(1.79)	22.5	(1.29)	77.3	(1.47)	14.3	(1.42)
Nonpoor .....	39.1	(0.82)	31.3	(0.63)	83.1	(0.58)	23.6	(0.72)
<b>Locale</b>								
City .....	53.1	(1.21)	34.1	(1.28)	77.6	(1.11)	17.8	(1.03)
Suburban .....	37.1	(0.92)	28.5	(0.81)	80.3	(0.90)	24.4	(0.89)
Town .....	36.0	(2.34)	18.3	(2.11)	82.0	(2.07)	12.3	(1.50)
Rural .....	32.1	(1.50)	18.1	(1.13)	83.8	(1.34)	16.3	(1.31)
<b>Region</b>								
Northeast .....	27.0	(1.78)	26.0	(1.55)	80.2	(1.33)	20.4	(1.28)
South .....	38.9	(1.14)	28.0	(0.95)	77.1	(1.14)	21.0	(0.98)
Midwest .....	42.7	(1.53)	24.4	(1.21)	83.2	(1.08)	19.8	(1.25)
West .....	52.9	(1.49)	31.5	(1.27)	81.8	(1.06)	18.5	(1.27)

†Not applicable.

!Interpret data with caution. The coefficient of variation (CV) for this estimate is between 30 and 50 percent.

<sup>1</sup>This column shows percentages of public school students only. Private school students are excluded from the analysis.

<sup>2</sup>In 31 cases, questions about whether a student's public school was assigned were not asked because parents reported the school as a private school, and it was only later identified as a public school based on administrative data. Due to the missing data, these cases were excluded from the analysis of public chosen and assigned schools.

<sup>3</sup>Students who attended chosen public schools were automatically coded as "yes" for whether or not their district allowed public school choice.

<sup>4</sup>Includes American Indian/Alaska Native, Two or more races, and race/ethnicity not reported.

<sup>5</sup>Poor children are those whose family incomes were below the Census Bureau's poverty threshold in the year prior to data collection; near-poor children are those whose family incomes ranged from the poverty threshold to 199 percent of the poverty threshold; and nonpoor children are those whose family incomes were at or above 200 percent of the poverty threshold. The poverty threshold is a dollar amount that varies depending on a family's size and composition and is updated annually to account for inflation. In 2015, for example, the poverty threshold for a family of four with two children was \$24,036. Survey respondents are asked to select the range within which their income falls, rather than giving the exact amount of their income; therefore, the measure of poverty status is an approximation.

NOTE: Data exclude homeschooled children. Race categories exclude persons of Hispanic ethnicity.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Parent and Family Involvement in Education Survey of the National Household Education Surveys Program (PFI-NHES:2016). (This table was prepared January 2018.)

**Table 206.50. Percentage of students enrolled in grades 3 through 12 whose parents were satisfied or dissatisfied with various aspects of their children's schools, by school type: Selected years, 2003 through 2016**

[Standard errors appear in parentheses]

Parent satisfaction	2003				2007				2016				
	Public school			Private school	Public school			Private school	Public school			Private school	
	Total	Assigned	Chosen		Total <sup>1</sup>	Assigned <sup>1</sup>	Chosen <sup>1</sup>		Total <sup>1</sup>	Assigned <sup>1</sup>	Chosen <sup>1</sup>		
1	2	3	4	5	6	7	8	9	10	11	12	13	
<b>Very satisfied</b>													
School .....	55.4 (0.75)	53.7 (0.79)	64.2 (1.72)	75.7 (1.73)	54.0 (0.93)	52.1 (0.96)	62.1 (2.34)	78.6 (1.76)	55.4 (0.76)	54.2 (0.84)	59.9 (1.66)	77.2 (1.77)	
Teachers .....	57.8 (0.73)	56.4 (0.74)	64.5 (1.62)	71.8 (1.55)	57.9 (0.80)	56.6 (0.88)	63.5 (2.32)	75.8 (1.69)	54.3 (0.70)	54.2 (0.86)	54.7 (1.63)	72.3 (1.52)	
Academic standards .....	56.1 (0.73)	54.5 (0.78)	63.8 (1.75)	78.9 (1.62)	58.2 (0.80)	56.3 (0.84)	65.9 (2.09)	81.3 (1.59)	54.6 (0.80)	53.2 (0.86)	59.9 (1.85)	77.5 (1.71)	
Order and discipline .....	57.4 (0.73)	55.9 (0.78)	64.8 (1.81)	80.9 (1.47)	56.2 (0.89)	55.0 (0.97)	60.9 (2.21)	82.2 (1.55)	54.1 (0.66)	53.3 (0.77)	57.2 (1.59)	79.1 (1.70)	
Staff interaction with parents .....	— (†)	— (†)	— (†)	— (†)	49.5 (0.93)	47.7 (1.00)	56.7 (2.24)	74.9 (1.77)	48.0 (0.67)	47.2 (0.79)	51.0 (1.74)	70.2 (1.77)	
<b>Somewhat satisfied</b>													
School .....	34.0 (0.66)	35.3 (0.74)	27.6 (1.40)	19.7 (1.66)	34.0 (0.75)	34.9 (0.82)	30.5 (2.01)	18.3 (1.62)	35.3 (0.73)	36.0 (0.77)	32.6 (1.71)	19.5 (1.70)	
Teachers .....	34.4 (0.71)	35.4 (0.71)	29.3 (1.57)	23.6 (1.35)	33.3 (0.74)	34.1 (0.84)	29.8 (1.87)	21.6 (1.67)	37.3 (0.70)	37.1 (0.78)	38.3 (1.71)	23.7 (1.51)	
Academic standards .....	34.3 (0.71)	35.4 (0.79)	29.1 (1.59)	16.8 (1.42)	31.8 (0.75)	32.7 (0.84)	28.2 (1.99)	16.4 (1.40)	36.6 (0.73)	37.5 (0.76)	33.5 (1.82)	19.5 (1.59)	
Order and discipline .....	29.7 (0.65)	30.5 (0.72)	26.0 (1.67)	15.0 (1.42)	29.6 (0.81)	30.1 (0.85)	27.6 (2.57)	15.1 (1.45)	33.9 (0.61)	34.9 (0.71)	30.7 (1.44)	17.2 (1.62)	
Staff interaction with parents .....	— (†)	— (†)	— (†)	— (†)	35.7 (0.82)	36.4 (0.92)	33.5 (2.03)	21.5 (1.71)	38.5 (0.73)	39.0 (0.83)	37.1 (1.67)	24.4 (1.63)	
<b>Somewhat dissatisfied</b>													
School .....	7.1 (0.34)	7.4 (0.37)	5.6 (0.75)	3.5 (0.69)	7.9 (0.42)	8.4 (0.45)	5.5 (0.98)	2.7 (0.53)	6.9 (0.43)	7.3 (0.50)	5.4 (0.71)	2.6 (0.55)	
Teachers .....	5.8 (0.34)	6.2 (0.38)	4.1 (0.52)	3.5 (0.69)	6.4 (0.45)	6.6 (0.48)	5.6 (1.11)	2.0 (0.54)	6.7 (0.37)	7.1 (0.43)	5.4 (0.77)	3.1 (0.56)	
Academic standards .....	6.3 (0.32)	6.6 (0.37)	4.3 (0.56)	3.6 (0.71)	6.4 (0.41)	6.8 (0.47)	4.9 (0.83)	2.1 <sup>1</sup> (0.63)	6.5 (0.33)	7.0 (0.39)	4.8 (0.61)	2.4 (0.52)	
Order and discipline .....	7.4 (0.39)	7.8 (0.42)	5.0 (0.69)	2.5 (0.53)	8.3 (0.45)	8.6 (0.50)	7.0 (1.00)	2.2 (0.49)	7.9 (0.39)	7.6 (0.51)	8.9 (0.91)	3.1 (0.56)	
Staff interaction with parents .....	— (†)	— (†)	— (†)	— (†)	9.9 (0.46)	10.7 (0.59)	6.7 (0.93)	2.4 (0.53)	9.8 (0.40)	10.1 (0.50)	9.0 (0.86)	4.5 (0.71)	
<b>Very dissatisfied</b>													
School .....	3.4 (0.23)	3.6 (0.26)	2.6 (0.54)	1.1 <sup>1</sup> (0.43)	4.1 (0.37)	4.6 (0.44)	1.8 (0.51)	0.4 <sup>1</sup> (0.17)	2.5 (0.22)	2.5 (0.21)	2.1 (0.44)	0.7 <sup>1</sup> (0.25)	
Teachers .....	2.0 (0.15)	2.0 (0.16)	2.1 (0.45)	1.0 <sup>1</sup> (0.48)	2.4 (0.31)	2.7 (0.39)	1.1 <sup>1</sup> (0.34)	0.7 <sup>1</sup> (0.25)	1.7 (0.21)	1.6 (0.21)	1.6 (0.38)	0.9 <sup>1</sup> (0.29)	
Academic standards .....	3.3 (0.23)	3.4 (0.28)	2.7 (0.59)	0.7 <sup>1</sup> (0.32)	3.7 (0.35)	4.3 (0.43)	1.0 <sup>1</sup> (0.30)	0.3 <sup>1</sup> (0.13)	2.3 (0.20)	2.4 (0.22)	1.8 (0.36)	0.6 <sup>1</sup> (0.23)	
Order and discipline .....	5.5 (0.35)	5.8 (0.38)	4.2 (0.72)	1.6 <sup>1</sup> (0.62)	5.9 (0.41)	8.6 (0.50)	4.5 (0.82)	‡ (†)	4.0 (0.37)	4.2 (0.43)	3.2 (0.49)	0.7 <sup>1</sup> (0.23)	
Staff interaction with parents .....	— (†)	— (†)	— (†)	— (†)	4.9 (0.42)	5.3 (0.48)	3.2 (0.62)	1.3 (0.38)	3.7 (0.30)	3.8 (0.34)	2.9 (0.69)	0.9 <sup>1</sup> (0.29)	

—Not available.

†Not applicable.

!Interpret data with caution. The coefficient of variation (CV) for this estimate is between 30 and 50 percent.

‡Reporting standards not met. The coefficient of variation (CV) for this estimate is 50 percent or greater.

<sup>1</sup>In 68 cases in 2007 and 31 cases in 2016, questions about whether a student's school was assigned were not asked because parents reported the school as a private school, and it was only later identified as a public school based on administrative data. Due to the missing data on whether the school was assigned or chosen, these cases were included neither with assigned public schools nor with chosen public schools; however, they were included in the public school totals.

NOTE: Data exclude homeschooled children. While National Household Education Surveys Program (NHES) administrations in 2003 and 2007 were administered via telephone with an interviewer, NHES:2016 used self-administered paper-and-pencil questionnaires that were mailed to respondents. Measurable differences between estimates for 2016 and estimates for the earlier years in this table could reflect actual changes in the population, or the changes could be due to the mode change from telephone to mail. Detail may not sum to totals because of rounding.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Parent and Family Involvement in Education Survey of the National Household Education Surveys Program (PFI-NHES:2003, 2007, and 2016). (This table was prepared February 2018.)

**Table 207.10. Number of 3- to 5-year-olds not yet enrolled in kindergarten and percentage participating in home literacy activities with a family member, by type and frequency of activity and selected child and family characteristics: 2001, 2012, and 2016**

[Standard errors appear in parentheses]

Selected child or family characteristic	Number of children (in thousands)			Percent of children participating in literacy activity with family member <sup>1</sup>														
				Read to by family member three or more times in past week			At least once in past week									Visited a library at least once in past month		
							Told a story by family member			Taught letters, words, or numbers			Did arts and crafts					
	2001	2012	2016	2001	2012	2016	2001	2012	2016	2001	2012	2016	2001	2012	2016	2001	2012	2016
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
<b>Total</b>	<b>8,551 (11.0)</b>	<b>8,244 (85.1)</b>	<b>8,087 (91.1)</b>	<b>84 (0.8)</b>	<b>83 (0.8)</b>	<b>81 (1.1)</b>	<b>84 (0.8)</b>	<b>83 (0.9)</b>	<b>84 (1.2)</b>	<b>94 (0.6)</b>	<b>98 (0.3)</b>	<b>97 (0.6)</b>	<b>79 (0.9)</b>	<b>86 (0.8)</b>	<b>87 (1.1)</b>	<b>36 (1.1)</b>	<b>42 (1.2)</b>	<b>41 (1.4)</b>
<b>Age</b>																		
3 years old	3,795 (91.4)	3,674 (89.8)	3,404 (123.0)	84 (1.1)	82 (1.3)	82 (1.7)	83 (1.2)	82 (1.4)	84 (1.6)	93 (1.0)	97 (0.5)	96 (1.1)	77 (1.3)	85 (1.1)	85 (1.7)	35 (1.9)	38 (1.6)	39 (2.1)
4 years old	3,861 (89.0)	3,508 (90.4)	3,379 (109.8)	85 (1.2)	84 (1.3)	81 (2.1)	84 (1.1)	85 (1.3)	85 (1.9)	95 (0.7)	98 (0.3)	96 (0.8)	82 (1.2)	87 (1.2)	89 (1.3)	37 (1.4)	43 (1.8)	40 (2.1)
5 years old	896 (47.0)	1,062 (59.6)	1,303 (84.9)	81 (2.7)	80 (2.7)	80 (3.3)	82 (2.4)	81 (2.6)	82 (3.8)	93 (1.8)	98 (0.7)	97 (1.0)	80 (2.4)	88 (1.9)	85 (3.9)	37 (3.4)	49 (3.8)	46 (3.6)
<b>Sex</b>																		
Male	4,292 (79.9)	4,251 (103.9)	4,184 (118.8)	82 (1.2)	82 (1.2)	80 (1.5)	82 (1.1)	82 (1.4)	82 (1.5)	94 (0.7)	97 (0.4)	96 (1.0)	76 (1.3)	84 (1.1)	85 (1.4)	35 (1.4)	41 (1.7)	40 (2.1)
Female	4,260 (79.6)	3,993 (104.2)	3,903 (117.5)	86 (1.0)	84 (1.4)	83 (1.9)	85 (1.0)	85 (1.0)	86 (1.9)	94 (0.8)	98 (0.4)	97 (0.6)	83 (1.3)	88 (1.1)	89 (1.7)	37 (1.6)	42 (1.4)	42 (2.0)
<b>Race/ethnicity</b>																		
White	5,313 (68.0)	4,062 (97.4)	4,003 (96.8)	89 (0.8)	90 (1.0)	88 (1.2)	86 (1.0)	87 (1.1)	86 (1.1)	95 (0.7)	98 (0.4)	96 (0.9)	85 (1.0)	90 (0.9)	90 (1.2)	39 (1.3)	44 (1.4)	44 (1.7)
Black	1,251 (55.1)	1,154 (63.4)	1,086 (67.4)	77 (2.6)	77 (3.3)	79 (3.3)	81 (2.1)	80 (2.3)	85 (3.0)	94 (1.8)	99 (0.6)	98 (1.2)	70 (3.1)	83 (2.8)	85 (3.2)	31 (2.6)	41 (3.8)	42 (4.5)
Hispanic	1,506 (43.5)	2,100 (76.1)	2,133 (84.9)	71 (1.9)	71 (2.0)	71 (3.4)	75 (2.0)	78 (2.2)	78 (3.6)	92 (1.1)	97 (0.7)	97 (1.0)	67 (2.2)	80 (1.9)	82 (2.7)	30 (2.0)	34 (2.2)	33 (3.0)
Asian/Pacific Islander <sup>2</sup>	202 (29.0)	420 (32.7)	400 (44.7)	87 (4.1)	77 (3.3)	74 (6.5)	81 (5.8)	85 (2.7)	88 (3.2)	96 (2.2)	98 (1.1)	98 (0.9)	74 (6.9)	86 (2.6)	79 (6.6)	47 (7.5)	55 (4.4)	49 (5.8)
Asian	— (†)	374 (30.3)	386 (43.4)	— (†)	75 (3.5)	74 (6.7)	— (†)	83 (3.0)	88 (3.2)	— (†)	98 (1.2)	98 (0.9)	— (†)	84 (2.9)	78 (6.7)	— (†)	55 (4.4)	49 (5.9)
Pacific Islander	— (†)	† (†)	† (†)	— (†)	† (†)	† (†)	— (†)	† (†)	† (†)	— (†)	† (†)	† (†)	— (†)	† (†)	† (†)	— (†)	† (†)	† (†)
American Indian/Alaska Native	† (†)	† (†)	† (†)	† (†)	† (†)	† (†)	† (†)	† (†)	† (†)	† (†)	† (†)	† (†)	† (†)	† (†)	† (†)	† (†)	† (†)	† (†)
Two or more races	240 (26.9)	463 (41.1)	418 (47.8)	84 (3.9)	87 (3.2)	81 (4.0)	92 (2.7)	83 (3.8)	83 (5.0)	93 (3.1)	99 (0.8)	97 (1.3)	86 (3.7)	88 (3.8)	90 (2.6)	31 (5.8)	44 (4.2)	38 (5.0)
<b>Mother's highest level of education<sup>3</sup></b>																		
Less than high school	996 (54.5)	1,291 (71.9)	1,093 (90.7)	69 (2.8)	73 (3.1)	61 (5.9)	72 (2.7)	75 (3.5)	77 (6.1)	91 (2.0)	98 (0.8)	94 (2.9)	62 (3.0)	82 (2.6)	77 (5.4)	21 (2.4)	26 (3.1)	27 (4.1)
High school/GED	2,712 (89.0)	1,614 (64.0)	1,482 (87.1)	81 (1.6)	75 (2.5)	79 (2.7)	83 (1.3)	83 (1.8)	78 (2.9)	95 (0.9)	97 (0.9)	96 (1.4)	77 (1.8)	84 (1.8)	86 (2.3)	30 (1.9)	38 (2.8)	35 (4.4)
Vocational/technical or some college	1,833 (73.9)	1,663 (77.3)	1,400 (64.0)	85 (1.8)	85 (1.7)	80 (2.3)	85 (1.7)	83 (1.5)	83 (2.4)	94 (1.2)	97 (0.8)	97 (1.1)	81 (1.9)	86 (1.6)	88 (2.2)	38 (2.2)	40 (2.0)	38 (2.7)
Associate's degree	573 (40.9)	678 (50.0)	700 (53.7)	89 (2.5)	85 (2.3)	85 (2.7)	84 (2.7)	84 (2.2)	87 (2.4)	92 (2.3)	98 (0.7)	97 (1.3)	82 (3.2)	86 (2.3)	89 (2.2)	42 (4.3)	43 (3.9)	42 (3.2)
Bachelor's degree/some graduate school	1,553 (68.4)	1,870 (65.9)	2,078 (75.4)	93 (1.2)	92 (1.2)	90 (1.4)	88 (1.5)	90 (1.2)	89 (1.6)	95 (1.1)	99 (0.3)	98 (0.5)	89 (1.4)	92 (1.0)	89 (1.4)	46 (2.4)	49 (2.2)	47 (2.2)
Graduate/professional degree	685 (45.7)	680 (30.8)	1,036 (45.0)	96 (1.1)	95 (1.0)	91 (1.4)	89 (2.3)	89 (1.5)	89 (1.5)	95 (1.3)	97 (0.8)	97 (0.8)	86 (2.2)	91 (1.5)	91 (1.4)	55 (3.8)	64 (2.5)	56 (2.0)
<b>Mother's employment status<sup>3</sup></b>																		
Employed	5,148 (84.2)	4,491 (88.6)	4,782 (116.5)	86 (1.0)	84 (1.1)	83 (1.4)	84 (1.0)	84 (1.2)	85 (1.3)	94 (0.7)	98 (0.3)	96 (0.8)	80 (1.2)	86 (0.9)	86 (1.3)	36 (1.2)	42 (1.5)	41 (1.8)
Unemployed	396 (36.9)	550 (52.0)	269 (37.7)	77 (5.0)	80 (4.4)	91 (3.9)	80 (4.7)	84 (3.5)	82 (6.5)	94 (3.3)	98 (1.1)	98 (1.8)	69 (5.5)	89 (4.0)	88 (5.4)	37 (4.8)	33 (4.2)	36 (7.6)
Not in labor force	2,809 (73.3)	2,756 (86.9)	2,737 (104.2)	83 (1.4)	84 (1.7)	79 (2.7)	82 (1.5)	84 (1.6)	82 (2.6)	94 (0.9)	97 (0.7)	97 (0.8)	80 (1.3)	87 (1.4)	87 (2.0)	38 (1.9)	43 (1.9)	41 (2.6)
<b>Family income (in current dollars)</b>																		
\$20,000 or less	2,106 (58.4)	1,480 (60.3)	1,162 (63.5)	74 (2.1)	76 (2.3)	70 (3.1)	81 (1.6)	83 (1.9)	82 (2.9)	92 (1.5)	97 (0.9)	95 (2.1)	72 (2.2)	84 (1.6)	85 (2.5)	27 (2.0)	39 (2.5)	40 (3.9)
\$20,001 to \$50,000	2,934 (86.6)	2,372 (77.4)	2,211 (93.6)	83 (1.4)	78 (2.1)	76 (2.7)	83 (1.4)	82 (1.6)	83 (1.9)	95 (0.7)	98 (0.5)	96 (1.3)	79 (1.4)	83 (1.8)	85 (2.2)	35 (1.8)	40 (2.2)	35 (2.9)
\$50,001 to \$75,000	1,724 (74.4)	1,510 (67.2)	1,342 (84.5)	88 (1.4)	82 (2.3)	79 (4.0)	87 (1.6)	82 (2.4)	82 (4.4)	88 (1.1)	98 (0.6)	96 (0.9)	82 (1.7)	85 (2.3)	87 (2.4)	38 (2.3)	38 (2.5)	37 (3.4)
\$75,001 to \$100,000	879 (49.4)	1,082 (46.5)	1,047 (58.6)	91 (1.6)	86 (2.5)	88 (2.3)	85 (2.2)	89 (2.1)	83 (3.5)	93 (1.7)	98 (0.6)	98 (0.6)	87 (2.1)	91 (2.2)	87 (3.6)	47 (3.1)	44 (2.9)	41 (3.5)
Over \$100,000	909 (43.2)	1,800 (66.3)	2,325 (70.0)	96 (1.2)	93 (1.0)	90 (1.5)	84 (2.3)	83 (2.0)	87 (1.7)	96 (1.2)	98 (0.7)	98 (0.6)	87 (2.1)	89 (1.4)	89 (1.4)	45 (2.7)	48 (2.4)	48 (2.2)

See notes at end of table.

**Table 207.10. Number of 3- to 5-year-olds not yet enrolled in kindergarten and percentage participating in home literacy activities with a family member, by type and frequency of activity and selected child and family characteristics: 2001, 2012, and 2016—Continued**

[Standard errors appear in parentheses]

Selected child or family characteristic	Number of children (in thousands)			Percent of children participating in literacy activity with family member <sup>1</sup>															
				Read to by family member three or more times in past week			At least once in past week									Visited a library at least once in past month			
	Told a story by family member						Taught letters, words, or numbers			Did arts and crafts									
	2001	2012	2016	2001	2012	2016	2001	2012	2016	2001	2012	2016	2001	2012	2016	2001	2012	2016	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	
<b>Number of parents in the household</b>																			
Two parents .....	6,429 (75.0)	5,958 (95.6)	5,969 (117.0)	87 (0.8)	85 (0.9)	84 (1.3)	84 (0.9)	85 (1.0)	84 (1.3)	94 (0.6)	98 (0.3)	97 (0.7)	81 (0.9)	87 (0.9)	88 (1.2)	38 (1.2)	42 (1.4)	43 (1.6)	
None or one parent .....	2,123 (75.0)	2,286 (81.1)	2,117 (91.9)	76 (2.0)	77 (1.8)	74 (2.6)	82 (1.6)	79 (1.5)	83 (2.0)	93 (1.3)	97 (0.7)	97 (1.0)	74 (2.3)	84 (1.6)	84 (2.3)	30 (2.1)	40 (2.3)	33 (2.6)	
<b>Poverty status<sup>4</sup></b>																			
Poor .....	2,008 (60.4)	1,958 (77.8)	1,536 (67.1)	74 (2.1)	74 (2.2)	71 (3.0)	81 (1.7)	82 (1.7)	83 (2.8)	92 (1.6)	96 (0.8)	94 (1.7)	73 (2.3)	83 (1.7)	85 (2.6)	27 (2.1)	39 (2.2)	38 (3.3)	
Near-poor .....	1,782 (70.5)	1,960 (86.5)	1,984 (112.9)	81 (1.8)	81 (2.1)	75 (3.4)	82 (2.0)	81 (2.0)	82 (3.0)	95 (1.0)	98 (0.5)	97 (1.0)	76 (1.9)	82 (2.1)	86 (2.3)	33 (2.8)	38 (2.6)	36 (3.1)	
Nonpoor .....	4,762 (71.9)	4,327 (87.6)	4,567 (108.9)	90 (0.9)	88 (1.0)	87 (1.0)	85 (1.0)	85 (1.2)	85 (1.4)	95 (0.6)	98 (0.4)	97 (0.4)	84 (1.0)	89 (1.0)	88 (1.3)	41 (1.4)	44 (1.5)	44 (1.7)	

—Not available.

†Not applicable.

‡Reporting standards not met. Either there are too few cases for a reliable estimate or the coefficient of variation (CV) is 50 percent or greater.

<sup>1</sup>The respondent was the parent most knowledgeable about the child's care and education. Responding parents reported on their own activities and the activities of their spouse/other adults in the household.

<sup>2</sup>The 2001 questionnaire included a single item for "Asian or Pacific Islander," whereas questionnaires for later years included one item for Asian and a separate item for Pacific Islander.

<sup>3</sup>Excludes children living in households with no mother or female guardian present.

<sup>4</sup>Poor children are those whose family incomes were below the Census Bureau's poverty threshold in the year prior to data collection; near-poor children are those whose family incomes ranged from the poverty threshold to 199 percent of the poverty threshold; and nonpoor children are those whose family incomes were at or above 200 percent of the poverty threshold. The poverty threshold is a dollar amount that varies depending on a family's size and composition and is updated annually

to account for inflation. In 2015, for example, the poverty threshold for a family of four with two children was \$24,257. Survey respondents are asked to select the range within which their income falls, rather than giving the exact amount of their income; therefore, the measure of poverty status is an approximation.

NOTE: Prior to 2012, National Household Education Surveys Program (NHES) surveys were administered via telephone with an interviewer. NHES:2012 used self-administered paper-and-pencil questionnaires that were mailed to respondents. For NHES:2016, initial contact with all respondents was by mail, and the majority of respondents received paper-and-pencil questionnaires. However, as an experiment with web use, a small sample of NHES:2016 respondents received mailed invitations to complete the survey online. Race categories exclude persons of Hispanic ethnicity. Detail may not sum to totals because of rounding and suppression of estimates that did not meet reporting standards. Some data have been revised from previously published figures.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Early Childhood Program Participation Survey of the National Household Education Surveys Program (ECPN-NHES:2001, 2012, and 2016). (This table was prepared October 2017.)

**Table 207.20. Percentage of kindergartners through fifth-graders whose parents reported doing education-related activities with their children in the past month, by selected child, parent, and school characteristics: 2003, 2012, and 2016**

[Standard errors appear in parentheses]

Selected child, parent, or school characteristic	Visited a library			Went to a play, concert, or other live show			Visited an art gallery, museum, or historical site			Visited a zoo or aquarium			Attended an event sponsored by a community, religious, or ethnic group <sup>1</sup>		
	2003	2012	2016	2003	2012	2016	2003	2012	2016	2003	2012	2016	2003	2012	2016
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
<b>Total</b> .....	<b>50.2 (0.80)</b>	<b>46.5 (0.88)</b>	<b>41.6 (1.05)</b>	<b>35.5 (0.87)</b>	<b>32.0 (0.88)</b>	<b>33.7 (0.94)</b>	<b>22.2 (0.83)</b>	<b>25.9 (0.77)</b>	<b>29.5 (0.92)</b>	<b>16.5 (0.69)</b>	<b>24.6 (0.86)</b>	<b>32.5 (1.09)</b>	<b>62.0 (0.80)</b>	<b>57.3 (0.79)</b>	<b>55.8 (1.01)</b>
<b>Sex of child</b>															
Male .....	47.3 (1.08)	44.8 (1.40)	39.8 (1.62)	33.6 (1.09)	30.0 (1.25)	29.9 (1.40)	23.1 (1.12)	25.6 (1.11)	28.7 (1.38)	16.3 (0.88)	24.1 (1.07)	32.6 (1.48)	61.0 (1.08)	57.2 (1.24)	55.0 (1.50)
Female .....	53.1 (1.11)	48.3 (1.37)	43.6 (1.44)	37.5 (1.09)	34.1 (1.16)	37.8 (1.41)	21.2 (1.07)	26.2 (1.09)	30.4 (1.47)	16.7 (0.87)	25.2 (1.18)	32.4 (1.71)	63.0 (1.09)	57.5 (1.15)	56.6 (1.34)
<b>Race/ethnicity of child</b>															
White .....	49.1 (1.03)	45.3 (1.14)	40.3 (1.39)	37.2 (1.26)	33.6 (1.10)	34.7 (1.19)	21.2 (1.09)	27.4 (1.00)	29.6 (1.13)	13.6 (0.85)	20.8 (0.99)	28.0 (1.41)	64.6 (1.12)	56.8 (1.13)	56.6 (1.24)
Black .....	52.3 (2.50)	50.2 (2.97)	43.1 (3.21)	36.7 (2.23)	35.9 (2.65)	31.9 (3.38)	24.4 (1.97)	25.1 (2.05)	29.9 (3.43)	18.9 (1.55)	27.5 (2.69)	39.8 (3.64)	66.3 (2.35)	68.7 (2.10)	63.7 (3.06)
Hispanic .....	48.2 (1.77)	43.5 (2.11)	37.6 (2.06)	28.0 (1.53)	26.8 (1.80)	32.3 (2.11)	20.8 (1.38)	23.3 (1.66)	28.1 (2.08)	23.7 (1.32)	29.3 (2.04)	37.8 (2.44)	49.3 (1.75)	53.5 (2.28)	50.8 (2.39)
Asian/Pacific Islander <sup>2</sup> .....	70.9 (5.11)	59.8 (3.72)	56.9 (5.86)	36.0 (4.44)	33.7 (3.10)	33.5 (3.58)	34.3 (4.22)	24.8 (3.34)	29.4 (3.78)	22.3 (3.97)	33.1 (3.65)	32.9 (3.59)	65.4 (4.25)	52.2 (4.21)	52.0 (5.69)
Asian .....	— (†)	59.4 (3.79)	57.2 (6.06)	— (†)	34.5 (3.30)	32.9 (3.62)	— (†)	24.6 (3.39)	29.7 (3.92)	— (†)	33.9 (3.65)	33.0 (3.72)	— (†)	50.6 (4.44)	51.4 (5.88)
Pacific Islander .....	— (†)	† (†)	† (†)	— (†)	† (†)	† (†)	— (†)	† (†)	† (†)	— (†)	† (†)	† (†)	— (†)	† (†)	† (†)
American Indian/Alaska Native .....	50.8 (9.32)	36.6 (10.71)	† (†)	48.4 (11.91)	† (†)	† (†)	† (†)	25.8 (6.94)	† (†)	† (†)	13.5! (6.17)	28.8! (12.17)	† (†)	64.6 (9.44)	62.6 (11.60)
Two or more races .....	52.2 (4.83)	48.4 (3.83)	48.2 (5.24)	35.8 (5.53)	30.2 (3.49)	35.5 (4.42)	25.9 (4.61)	29.0 (3.35)	32.7 (4.53)	15.0 (3.78)	21.8 (3.00)	30.3 (4.21)	58.0 (6.09)	53.6 (3.85)	55.5 (4.51)
<b>Grade of child</b>															
Kindergarten and grade 1 .....	48.7 (1.28)	46.0 (1.44)	41.2 (2.01)	34.2 (1.32)	31.9 (1.69)	32.9 (1.80)	21.1 (1.04)	28.5 (1.44)	27.7 (1.53)	18.2 (1.10)	28.7 (1.78)	38.9 (2.11)	59.3 (1.29)	55.9 (1.41)	53.2 (1.98)
Grades 2 and 3 .....	50.5 (1.45)	48.6 (1.59)	41.2 (1.52)	33.2 (1.41)	32.8 (1.52)	33.4 (1.75)	22.2 (1.13)	27.1 (1.59)	29.7 (1.86)	17.5 (1.13)	26.1 (1.49)	31.0 (1.74)	61.5 (1.41)	59.0 (1.57)	58.7 (1.71)
Grades 4 and 5 .....	51.2 (1.32)	45.0 (1.59)	42.6 (1.57)	38.9 (1.18)	31.3 (1.30)	34.8 (1.52)	23.1 (1.28)	21.8 (1.28)	31.4 (1.50)	14.0 (0.90)	18.5 (1.04)	26.7 (1.73)	65.0 (1.28)	57.3 (1.48)	55.9 (1.80)
<b>Language spoken most at home by child<sup>3</sup></b>															
English .....	50.2 (0.86)	46.6 (1.00)	42.4 (1.09)	37.0 (0.93)	32.7 (0.91)	34.3 (0.97)	22.6 (0.90)	26.8 (0.76)	30.0 (0.91)	15.5 (0.71)	23.3 (0.87)	31.2 (0.97)	63.9 (0.85)	57.8 (0.78)	56.4 (1.01)
Spanish .....	41.8 (3.21)	33.8 (4.10)	23.7 (3.52)	16.4 (1.95)	20.0 (3.13)	31.8 (5.19)	14.9 (2.25)	12.8 (2.11)	27.7 (5.07)	26.0 (2.87)	30.4 (3.61)	48.1 (6.15)	34.7 (2.76)	54.9 (3.69)	53.9 (5.81)
English and Spanish equally .....	51.1 (4.40)	48.7 (4.14)	45.0 (4.73)	24.2 (3.77)	24.2 (3.38)	31.4 (4.65)	19.6 (3.35)	23.3 (4.60)	28.1 (4.93)	28.3 (4.06)	34.5 (4.78)	38.2 (4.58)	53.5 (4.92)	53.0 (5.31)	53.9 (4.64)
English and other language equally ..	† (†)	61.5 (5.01)	47.9 (10.18)	† (†)	42.8 (4.44)	29.7 (6.76)	† (†)	31.2 (5.01)	22.5 (5.70)	† (†)	38.7 (4.85)	27.0 (7.21)	† (†)	64.2 (3.82)	53.0 (10.71)
Other language .....	69.8 (6.74)	47.0 (10.39)	41.1 (7.07)	30.5 (7.05)	32.0 (9.29)	27.7! (9.41)	26.3 (5.28)	17.6! (7.68)	31.9! (10.74)	27.8 (6.45)	21.9! (9.08)	32.7! (10.23)	55.8 (8.96)	42.5 (11.31)	43.9 (6.89)
<b>Highest education level of parents/guardians in the household<sup>4</sup></b>															
Less than high school .....	36.1 (3.39)	37.4 (3.31)	28.8 (4.16)	20.0 (3.10)	18.5 (2.69)	23.3 (4.07)	9.3 (1.75)	18.1 (3.19)	17.0 (2.75)	15.3 (2.05)	27.7 (3.58)	36.3 (5.24)	34.3 (3.06)	48.0 (2.88)	38.8 (4.70)
High school/GED .....	44.5 (1.64)	45.0 (2.43)	36.8 (3.24)	28.6 (1.83)	26.3 (2.17)	26.5 (2.94)	17.8 (1.73)	21.2 (2.12)	24.3 (2.74)	16.5 (1.18)	23.3 (1.90)	35.1 (3.29)	50.5 (1.81)	53.8 (2.41)	50.3 (2.91)
Vocational/technical or some college .....	44.3 (2.04)	41.0 (1.74)	37.0 (2.39)	32.8 (1.89)	30.7 (1.76)	28.2 (2.16)	19.1 (1.32)	23.7 (1.55)	21.6 (1.77)	15.2 (1.29)	23.8 (1.70)	30.5 (2.50)	62.1 (1.64)	54.0 (1.64)	54.7 (2.53)
Associate's degree .....	47.4 (3.04)	43.7 (3.08)	37.8 (3.19)	41.1 (3.24)	28.0 (2.74)	29.8 (2.77)	22.0 (2.40)	24.9 (2.39)	30.4 (2.96)	15.4 (2.09)	25.8 (2.72)	30.8 (3.18)	67.0 (2.85)	58.2 (2.38)	55.7 (2.87)
Bachelor's degree/some graduate school .....	57.7 (1.74)	51.2 (1.53)	45.3 (1.68)	40.1 (1.61)	38.3 (1.45)	39.1 (1.97)	27.6 (1.70)	30.2 (1.47)	36.6 (1.89)	16.0 (1.32)	24.3 (1.50)	32.8 (1.79)	71.3 (1.63)	61.5 (1.37)	60.7 (1.60)
Graduate/professional degree .....	65.2 (2.04)	57.8 (1.56)	55.6 (1.91)	47.2 (2.53)	45.0 (1.68)	46.8 (1.79)	31.7 (2.02)	35.6 (1.72)	38.9 (1.57)	20.7 (1.82)	24.7 (1.23)	29.8 (1.80)	75.6 (1.55)	67.0 (1.56)	65.6 (1.48)
<b>Family income (in current dollars)</b>															
\$20,000 or less .....	44.2 (2.14)	43.6 (2.48)	37.8 (3.32)	29.0 (2.07)	22.1 (1.72)	22.3 (2.55)	19.4 (2.02)	19.4 (1.87)	24.2 (2.75)	20.1 (1.73)	25.7 (2.05)	35.6 (3.75)	51.3 (2.32)	51.5 (2.11)	39.6 (3.36)
\$20,001 to \$50,000 .....	48.9 (1.45)	44.1 (2.11)	39.3 (2.46)	31.0 (1.51)	27.7 (1.58)	26.6 (2.15)	18.9 (1.25)	21.1 (1.47)	24.7 (1.92)	15.2 (1.01)	25.4 (1.84)	33.5 (2.52)	61.5 (1.65)	56.7 (2.01)	54.4 (2.23)
\$50,001 to \$75,000 .....	50.0 (1.65)	47.1 (2.14)	39.7 (2.86)	39.0 (1.59)	33.7 (2.39)	32.9 (2.39)	23.1 (1.42)	29.7 (1.88)	27.5 (2.68)	14.9 (1.27)	27.4 (1.96)	33.8 (2.52)	64.5 (1.42)	56.3 (2.05)	58.7 (2.64)
\$75,001 to \$100,000 .....	49.9 (2.36)	46.8 (2.16)	44.3 (2.42)	39.4 (2.27)	34.4 (2.01)	37.1 (2.52)	23.0 (2.22)	28.2 (2.07)	28.8 (1.78)	15.3 (1.52)	26.2 (2.03)	28.3 (2.60)	66.2 (2.25)	60.1 (2.18)	60.9 (2.54)
Over \$100,000 .....	60.9 (2.14)	50.1 (1.76)	45.2 (1.50)	45.3 (2.10)	40.0 (1.39)	43.6 (1.46)	30.9 (1.66)	31.2 (1.63)	37.2 (1.49)	18.3 (1.88)	20.5 (1.21)	31.5 (1.63)	69.4 (1.84)	60.7 (1.59)	60.2 (1.69)

See notes at end of table.

**Table 207.20. Percentage of kindergartners through fifth-graders whose parents reported doing education-related activities with their children in the past month, by selected child, parent, and school characteristics: 2003, 2012, and 2016—Continued**

[Standard errors appear in parentheses]

Selected child, parent, or school characteristic	Visited a library			Went to a play, concert, or other live show			Visited an art gallery, museum, or historical site			Visited a zoo or aquarium			Attended an event sponsored by a community, religious, or ethnic group <sup>1</sup>		
	2003	2012	2016	2003	2012	2016	2003	2012	2016	2003	2012	2016	2003	2012	2016
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Poverty status <sup>5</sup>															
Poor .....	43.3 (2.30)	45.0 (2.53)	38.0 (2.59)	26.3 (1.98)	22.5 (1.63)	23.2 (2.64)	18.9 (1.97)	18.3 (1.55)	23.7 (2.28)	19.5 (1.67)	24.3 (2.09)	36.3 (3.21)	52.0 (2.14)	54.0 (2.18)	44.4 (3.02)
Near-poor .....	48.9 (1.63)	41.8 (1.86)	40.0 (2.56)	31.6 (2.10)	28.5 (2.10)	25.8 (1.93)	17.7 (1.50)	21.9 (1.77)	23.6 (2.16)	16.1 (1.28)	26.2 (1.99)	33.8 (2.73)	61.6 (2.24)	57.1 (2.10)	55.0 (2.39)
Nonpoor .....	52.8 (1.02)	48.8 (1.14)	43.4 (1.13)	39.8 (1.17)	36.9 (1.00)	40.0 (1.18)	24.9 (1.06)	30.4 (1.04)	33.6 (1.11)	15.8 (0.87)	24.1 (0.91)	30.8 (1.13)	65.2 (0.99)	58.7 (0.96)	59.7 (1.14)
Control of school															
Public .....	49.2 (0.87)	46.2 (0.94)	41.4 (1.12)	34.9 (0.88)	30.9 (0.96)	32.7 (0.99)	21.2 (0.92)	25.0 (0.82)	28.9 (1.06)	16.3 (0.71)	24.1 (0.94)	32.9 (1.23)	60.6 (0.85)	55.9 (0.87)	54.6 (1.14)
Private .....	57.0 (2.31)	49.0 (2.51)	44.5 (2.65)	40.0 (2.55)	41.8 (2.56)	42.3 (2.88)	29.0 (2.04)	34.4 (2.49)	35.4 (2.41)	17.9 (1.85)	28.8 (2.43)	28.3 (2.17)	72.2 (2.15)	70.0 (2.30)	66.9 (2.90)

—Not available.

†Not applicable.

!Interpret data with caution. The coefficient of variation (CV) for this estimate is between 30 and 50 percent.

‡Reporting standards not met (too few cases for a reliable estimate).

<sup>1</sup>In 2012 and 2016, a single item asked parents if they had attended an event sponsored by a community, ethnic, or religious group. In 2003, attendance at an event sponsored by a religious group was asked about separately from attendance at an event sponsored by a community or ethnic group.

<sup>2</sup>The 2003 questionnaire included a single item for "Asian or Pacific Islander," whereas questionnaires for later years included one item for Asian and a separate item for Pacific Islander.

<sup>3</sup>Excludes children who were not able to speak.

<sup>4</sup>In 2003, education level was not collected for the second parent in a same sex couple.

<sup>5</sup>Poor children are those whose family incomes were below the Census Bureau's poverty threshold in the year prior to data collection; near-poor children are those whose family incomes ranged from the poverty threshold to 199 percent of the poverty threshold; and nonpoor children are those whose family incomes were at or above 200 percent of the poverty threshold. The poverty threshold is a dollar amount that varies depending on a family's size and composition and is updated annually

to account for inflation. In 2015, for example, the poverty threshold for a family of four with two children was \$24,257. Survey respondents are asked to select the range within which their income falls, rather than giving the exact amount of their income; therefore, the measure of poverty status is an approximation.

NOTE: Prior to 2012, National Household Education Surveys Program (NHES) surveys were administered via telephone with an interviewer. NHES:2012 used self-administered paper-and-pencil questionnaires that were mailed to respondents. For NHES:2016, initial contact with all respondents was by mail, and the majority of respondents received paper-and-pencil questionnaires. However, as an experiment with web use, a small sample of NHES:2016 respondents received mailed invitations to complete the survey online. The respondent was the parent most knowledgeable about the child's education. Responding parents reported on their own activities and the activities of their spouse/other adults in the household. All information, including control of school, is based on parent reports. Excludes homeschooled children. The total number of children enrolled in kindergarten through fifth grade was about 24 million in 2003 and 25 million in 2012 and 2016. Race categories exclude persons of Hispanic ethnicity. Some data have been revised from previously published figures.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Parent and Family Involvement in Education Survey of the National Household Education Surveys Program (PFI-NHES:2003, 2012, and 2016). (This table was prepared October 2017.)

**Table 207.30. Percentage of kindergartners through fifth-graders whose parents reported doing education-related activities with their children in the past week, by selected child, parent, and school characteristics: 2003, 2012, and 2016**

[Standard errors appear in parentheses]

Selected child, parent, or school characteristic	Told child a story			Did arts and crafts			Discussed family history/ethnic heritage			Played board games or did puzzles		
	2003	2012	2016	2003	2012	2016	2003	2012	2016	2003	2012	2016
1	2	3	4	5	6	7	8	9	10	11	12	13
<b>Total</b> .....	<b>74.9 (0.66)</b>	<b>68.8 (0.91)</b>	<b>72.0 (0.94)</b>	<b>74.9 (0.70)</b>	<b>67.0 (0.84)</b>	<b>68.8 (1.11)</b>	<b>53.1 (0.89)</b>	<b>49.4 (1.00)</b>	<b>50.8 (0.99)</b>	<b>72.9 (0.68)</b>	<b>64.0 (0.94)</b>	<b>67.4 (1.13)</b>
<b>Sex of child</b>												
Male .....	73.3 (0.86)	68.2 (1.27)	71.3 (1.59)	69.7 (0.98)	60.7 (1.19)	61.8 (1.62)	51.1 (1.16)	47.6 (1.10)	47.9 (1.49)	71.8 (0.92)	63.0 (1.20)	66.5 (1.73)
Female .....	76.6 (0.96)	69.5 (1.22)	72.8 (1.27)	80.2 (1.01)	73.8 (1.25)	76.3 (1.29)	55.1 (1.28)	51.2 (1.47)	53.9 (1.35)	74.1 (1.05)	65.2 (1.14)	68.2 (1.37)
<b>Race/ethnicity of child</b>												
White .....	76.0 (0.96)	71.9 (0.98)	72.8 (1.21)	75.4 (0.89)	67.5 (1.08)	68.3 (1.17)	44.7 (1.13)	37.3 (1.21)	36.7 (1.18)	73.8 (0.87)	66.6 (1.03)	68.2 (1.19)
Black .....	69.6 (2.00)	64.3 (2.40)	73.8 (2.41)	68.1 (2.14)	64.0 (2.76)	66.1 (3.01)	66.6 (2.45)	67.4 (2.44)	69.9 (3.10)	72.9 (1.92)	60.1 (2.94)	64.7 (3.83)
Hispanic .....	74.2 (1.55)	65.4 (2.15)	69.9 (1.99)	79.6 (1.45)	67.7 (1.69)	71.9 (2.22)	64.5 (1.71)	58.1 (2.09)	64.5 (2.14)	68.5 (1.82)	62.2 (1.88)	69.2 (1.99)
Asian/Pacific Islander <sup>1</sup> .....	75.8 (3.73)	69.2 (3.38)	66.8 (6.31)	70.9 (4.34)	63.4 (3.45)	63.0 (7.10)	68.2 (4.83)	69.8 (3.56)	56.2 (5.10)	77.0 (3.82)	61.5 (3.87)	60.4 (6.54)
Asian .....	— (†)	68.0 (3.52)	66.6 (6.54)	— (†)	62.7 (3.52)	62.8 (7.33)	— (†)	68.8 (3.78)	55.3 (5.19)	— (†)	60.6 (3.94)	61.1 (6.87)
Pacific Islander .....	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)
American Indian/Alaska Native .....	84.1 (7.22)	70.3 (11.26)	— (†)	77.9 (8.06)	76.5 (9.66)	— (†)	82.4 (6.82)	56.0 (12.17)	— (†)	72.6 (10.24)	49.7 (11.34)	— (†)
Two or more races .....	83.5 (5.40)	66.4 (3.35)	77.5 (3.58)	75.7 (3.86)	69.7 (2.91)	73.6 (3.47)	63.3 (5.82)	51.7 (3.79)	58.5 (4.64)	77.8 (4.54)	64.2 (3.93)	67.0 (4.08)
<b>Grade of child</b>												
Kindergarten through grade 1 .....	84.5 (0.93)	78.0 (1.60)	79.1 (1.72)	89.3 (0.84)	81.2 (1.14)	79.2 (2.22)	47.7 (1.38)	44.4 (1.89)	43.9 (2.00)	77.5 (1.17)	69.3 (1.56)	71.9 (2.28)
Grades 2 through 3 .....	74.5 (1.21)	66.9 (1.51)	72.6 (1.68)	74.0 (1.12)	66.7 (1.54)	69.3 (1.57)	54.7 (1.34)	52.1 (1.53)	52.5 (1.88)	72.7 (1.09)	65.5 (1.44)	68.1 (1.99)
Grades 4 through 5 .....	66.4 (1.20)	60.2 (1.55)	63.4 (1.55)	62.2 (1.36)	51.2 (1.45)	56.6 (1.56)	56.5 (1.42)	52.3 (1.44)	56.9 (1.59)	68.9 (1.18)	56.6 (1.50)	61.4 (1.62)
<b>Language spoken most at home by child<sup>2</sup></b>												
English .....	75.4 (0.73)	69.4 (1.00)	73.2 (0.92)	74.4 (0.72)	67.2 (0.81)	68.5 (1.11)	51.5 (0.93)	46.8 (1.13)	47.2 (1.06)	73.7 (0.73)	64.0 (1.06)	67.0 (1.08)
Spanish .....	65.6 (2.85)	56.4 (5.08)	62.3 (5.94)	81.7 (2.16)	70.7 (3.63)	66.5 (5.88)	60.2 (3.11)	64.7 (4.04)	70.9 (5.69)	58.1 (3.10)	60.2 (4.36)	69.7 (5.49)
English and Spanish equally .....	76.6 (3.83)	68.7 (4.01)	69.0 (4.54)	78.7 (3.88)	64.5 (4.01)	78.3 (3.78)	77.3 (4.18)	64.0 (3.84)	75.9 (4.22)	75.2 (3.73)	67.0 (3.51)	72.8 (4.14)
English and other language equally .....	— (†)	74.6 (3.94)	66.0 (8.87)	— (†)	66.9 (4.78)	66.9 (9.27)	— (†)	72.2 (4.54)	63.3 (8.85)	— (†)	68.2 (3.67)	63.8 (8.86)
Other language .....	81.7 (6.95)	66.1 (9.93)	77.6 (7.42)	76.7 (4.81)	55.2 (10.98)	70.1 (7.17)	75.1 (6.13)	63.1 (11.51)	47.6 (8.04)	74.8 (7.43)	65.5 (11.12)	66.9 (10.08)
<b>Highest education level of parents/guardians in the household<sup>3</sup></b>												
Less than high school .....	67.2 (3.16)	65.0 (3.19)	59.6 (5.53)	74.8 (3.20)	67.2 (3.32)	66.1 (4.93)	60.4 (2.98)	60.7 (3.45)	59.6 (5.02)	66.8 (3.16)	61.7 (3.09)	59.3 (5.46)
High school/GED .....	71.3 (1.59)	65.7 (2.45)	72.4 (2.45)	75.5 (1.32)	70.3 (2.50)	71.4 (2.76)	54.9 (1.91)	50.8 (2.04)	56.1 (3.27)	73.2 (1.39)	64.8 (2.32)	68.8 (2.40)
Vocational/technical or some college .....	75.9 (1.54)	69.1 (1.56)	70.3 (2.32)	76.2 (1.51)	64.4 (1.87)	68.9 (2.33)	50.8 (1.75)	47.0 (1.90)	49.0 (2.44)	71.6 (1.58)	63.9 (1.72)	70.8 (2.05)
Associate's degree .....	76.0 (2.00)	67.0 (3.80)	71.6 (2.57)	73.6 (2.47)	66.0 (2.45)	72.2 (2.69)	50.9 (3.16)	44.6 (3.22)	51.5 (3.36)	70.1 (2.50)	57.9 (3.69)	67.1 (2.70)
Bachelor's degree/some graduate school .....	77.3 (1.60)	71.3 (1.37)	76.0 (1.47)	74.0 (1.48)	66.8 (1.47)	68.4 (1.72)	47.3 (1.74)	45.6 (1.49)	46.3 (1.98)	75.8 (1.27)	65.1 (1.67)	67.8 (1.76)
Graduate/professional degree .....	78.6 (1.64)	72.7 (1.41)	75.0 (1.64)	73.9 (1.72)	67.3 (1.41)	66.4 (1.66)	60.1 (2.16)	51.9 (1.74)	47.8 (1.76)	74.9 (1.82)	67.8 (1.39)	67.0 (1.87)
<b>Family income (in current dollars)</b>												
\$20,000 or less .....	73.9 (1.61)	68.7 (1.81)	65.6 (3.67)	76.0 (1.87)	71.4 (2.08)	67.1 (3.82)	61.6 (2.05)	54.3 (2.17)	57.9 (3.38)	73.3 (1.70)	61.7 (2.22)	64.7 (3.81)
\$20,001 to \$50,000 .....	74.0 (1.31)	68.6 (1.87)	70.6 (1.94)	75.3 (1.05)	68.1 (1.86)	70.3 (2.41)	53.5 (1.59)	53.6 (2.07)	55.4 (2.38)	72.3 (1.45)	63.6 (1.80)	67.4 (2.16)
\$50,001 to \$75,000 .....	74.9 (1.53)	68.5 (2.31)	71.9 (2.17)	75.3 (1.55)	67.5 (1.86)	68.8 (2.31)	49.6 (1.99)	47.7 (2.35)	54.7 (3.01)	72.1 (1.51)	63.3 (2.35)	68.1 (2.64)
\$75,001 to \$100,000 .....	74.7 (2.02)	68.4 (2.03)	75.1 (2.30)	71.2 (1.98)	64.7 (2.13)	68.4 (2.78)	48.8 (2.28)	46.3 (2.46)	46.4 (2.39)	73.3 (2.30)	65.6 (2.29)	65.8 (2.46)
Over \$100,000 .....	78.6 (1.52)	69.4 (1.35)	74.7 (1.48)	75.1 (1.87)	64.1 (1.62)	68.6 (1.53)	50.1 (1.93)	44.5 (1.48)	43.8 (1.58)	74.7 (1.81)	65.5 (1.50)	68.7 (1.39)
<b>Poverty status<sup>4</sup></b>												
Poor .....	73.2 (1.67)	68.6 (2.15)	67.3 (2.87)	76.9 (1.85)	72.0 (2.01)	68.2 (2.85)	60.9 (2.13)	57.6 (2.64)	55.8 (2.72)	72.4 (1.88)	61.7 (2.29)	66.8 (3.08)
Near-poor .....	74.3 (1.30)	68.3 (1.88)	70.6 (2.37)	76.7 (1.24)	67.5 (1.63)	70.6 (2.44)	53.3 (1.79)	49.8 (2.18)	57.4 (2.73)	73.6 (1.85)	63.3 (1.71)	66.6 (2.68)
Nonpoor .....	75.7 (0.85)	69.0 (1.07)	74.1 (1.02)	73.6 (0.92)	64.9 (0.98)	68.4 (1.11)	50.6 (1.11)	46.1 (1.09)	46.8 (1.19)	72.8 (0.87)	65.2 (1.16)	67.8 (1.09)
<b>Control of school</b>												
Public .....	75.0 (0.68)	68.2 (1.04)	71.3 (1.00)	75.2 (0.72)	67.0 (0.89)	68.2 (1.25)	52.4 (0.98)	49.6 (1.07)	50.7 (1.06)	73.4 (0.74)	63.7 (1.04)	67.4 (1.24)
Private .....	74.2 (2.09)	73.7 (2.08)	78.7 (2.48)	72.1 (1.94)	67.0 (2.45)	75.3 (2.31)	58.1 (2.17)	47.0 (2.75)	51.3 (3.22)	69.1 (1.99)	67.2 (2.25)	66.8 (2.71)

—Not available.

†Not applicable.

‡Reporting standards not met. Either there are too few cases for a reliable estimate or the coefficient of variation (CV) is 50 percent or greater.

<sup>1</sup>The 2003 questionnaire included a single item for "Asian or Pacific Islander," whereas questionnaires for later years included one item for Asian and a separate item for Pacific Islander.

<sup>2</sup>Excludes children who were not able to speak.

<sup>3</sup>In 2003, education level was not collected for the second parent in a same sex couple.

<sup>4</sup>Poor children are those whose family incomes were below the Census Bureau's poverty threshold in the year prior to data collection; near-poor children are those whose family incomes ranged from the poverty threshold to 199 percent of the poverty threshold; and nonpoor children are those whose family incomes were at or above 200 percent of the poverty threshold. The poverty threshold is a dollar amount that varies depending on a family's size and composition and is updated annually to account for inflation. In 2015, for example, the poverty threshold for a family of four with two children was

\$24,257. Survey respondents are asked to select the range within which their income falls, rather than giving the exact amount of their income; therefore, the measure of poverty status is an approximation.

NOTE: Prior to 2012, National Household Education Surveys Program (NHES) surveys were administered via telephone with an interviewer. NHES:2012 used self-administered paper-and-pencil questionnaires that were mailed to respondents. For NHES:2016, initial contact with all respondents was by mail, and the majority of respondents received paper-and-pencil questionnaires. However, as an experiment with web use, a small sample of NHES:2016 respondents received mailed invitations to complete the survey online. The respondent was the parent most knowledgeable about the child's education. Responding parents reported on their own activities and the activities of their spouse/other adults in the household. All information, including control of school, is based on parent reports. Excludes homeschooled children. The total number of children enrolled in kindergarten through fifth grade was about 24 million in 2003 and 25 million in 2012 and 2016. Race categories exclude persons of Hispanic ethnicity. Some data have been revised from previously published figures. SOURCE: U.S. Department of Education, National Center for Education Statistics, Parent and Family Involvement in Education Survey of the National Household Education Surveys Program (PFI-NHES:2003, 2012, and 2016). (This table was prepared October 2017.)

**Table 207.40. Percentage of elementary and secondary school children whose parents were involved in school activities, by selected child, parent, and school characteristics: 2003, 2012, and 2016**

[Standard errors appear in parentheses]

Selected child, parent, or school characteristic	Percent of children whose parents reported the following types of involvement in school activities											
	2003				2012				2016			
	Attended a general school meeting	Attended parent-teacher conference	Attended a class event	Volunteered at school	Attended a general school meeting	Attended parent-teacher conference	Attended a class event	Volunteered at school	Attended a general school meeting	Attended parent-teacher conference	Attended a class event	Volunteered at school
1	2	3	4	5	6	7	8	9	10	11	12	13
<b>Total</b> .....	<b>87.7 (0.37)</b>	<b>77.1 (0.42)</b>	<b>69.9 (0.42)</b>	<b>41.8 (0.61)</b>	<b>87.4 (0.41)</b>	<b>75.8 (0.43)</b>	<b>74.4 (0.45)</b>	<b>41.7 (0.49)</b>	<b>88.6 (0.47)</b>	<b>77.7 (0.53)</b>	<b>79.3 (0.54)</b>	<b>43.4 (0.67)</b>
Sex of child												
Male .....	87.4 (0.49)	77.7 (0.63)	67.4 (0.75)	41.2 (0.88)	87.1 (0.66)	76.4 (0.61)	72.3 (0.65)	40.0 (0.71)	87.5 (0.80)	78.6 (0.74)	77.2 (0.97)	41.9 (0.82)
Female .....	87.9 (0.56)	76.5 (0.63)	72.6 (0.62)	42.4 (0.83)	87.7 (0.50)	75.1 (0.61)	76.7 (0.68)	43.5 (0.88)	89.8 (0.56)	76.6 (0.76)	81.6 (0.60)	45.0 (0.87)
Race/ethnicity of child												
White .....	88.7 (0.50)	76.3 (0.62)	74.1 (0.65)	48.3 (0.82)	89.1 (0.50)	77.2 (0.56)	81.5 (0.54)	49.6 (0.72)	90.6 (0.52)	78.8 (0.67)	85.8 (0.63)	49.1 (0.83)
Black .....	88.7 (0.85)	78.7 (1.35)	63.3 (1.54)	31.9 (1.64)	85.0 (1.35)	76.1 (1.35)	68.0 (1.66)	30.3 (1.33)	87.2 (1.72)	78.9 (1.60)	72.2 (2.02)	33.9 (1.81)
Hispanic .....	82.6 (1.05)	78.1 (1.10)	60.9 (1.36)	27.7 (1.23)	85.7 (0.98)	72.8 (1.08)	64.0 (1.34)	31.7 (1.14)	86.7 (0.98)	74.6 (1.38)	71.3 (1.29)	35.9 (1.49)
Asian/Pacific Islander <sup>1</sup> .....	88.5 (2.14)	77.7 (3.03)	65.1 (3.65)	33.8 (2.69)	83.0 (1.72)	71.5 (2.01)	65.8 (2.21)	35.2 (2.22)	80.0 (3.59)	76.4 (2.25)	71.1 (2.49)	41.7 (2.96)
Asian .....	— (†)	— (†)	— (†)	— (†)	82.5 (1.80)	71.5 (2.03)	65.0 (2.30)	34.0 (2.33)	79.5 (3.71)	76.4 (2.36)	71.9 (2.57)	41.4 (3.07)
Pacific Islander .....	— (†)	— (†)	— (†)	— (†)	90.7 (3.96)	71.4 (8.97)	79.0 (6.32)	54.3 (11.37)	92.0 (5.24)	78.7 (10.09)	52.3 (11.66)	48.2 (10.95)
American Indian/Alaska Native .....	85.1 (5.22)	85.1 (6.68)	69.5 (7.37)	18.9 (5.57)	85.1 (4.91)	79.9 (6.85)	75.6 (6.61)	42.3 (8.61)	93.0 (3.05)	87.5 (4.36)	80.1 (7.45)	59.4 (10.56)
Two or more races .....	87.2 (2.45)	74.9 (3.63)	72.3 (2.84)	47.7 (3.79)	88.8 (1.30)	78.4 (2.31)	76.0 (2.52)	45.3 (2.57)	91.2 (1.37)	78.1 (2.29)	83.1 (2.07)	48.0 (3.17)
Highest education level of parents/guardians in the household <sup>2</sup>												
Less than high school .....	69.8 (2.04)	67.8 (2.50)	42.4 (2.42)	15.6 (2.04)	77.0 (1.79)	63.3 (1.88)	48.0 (2.04)	18.3 (1.72)	76.4 (2.98)	69.8 (2.74)	54.3 (2.75)	25.0 (2.70)
High school/GED .....	83.8 (0.91)	75.4 (0.94)	62.1 (1.28)	30.3 (1.27)	82.1 (1.42)	72.2 (1.23)	62.3 (1.45)	27.6 (1.38)	82.2 (1.34)	73.1 (1.55)	69.5 (1.70)	26.5 (1.99)
Vocational/technical or some college .....	88.5 (0.67)	78.0 (1.02)	69.1 (0.94)	38.8 (1.25)	87.5 (0.62)	75.4 (1.02)	76.1 (0.99)	39.0 (1.14)	89.2 (0.75)	75.7 (1.08)	78.2 (1.21)	34.7 (1.20)
Associate's degree .....	88.6 (1.27)	76.6 (1.68)	73.0 (1.76)	39.7 (1.67)	88.9 (0.91)	79.5 (1.13)	80.5 (1.37)	44.9 (1.77)	90.2 (1.08)	77.6 (1.30)	83.4 (1.45)	44.8 (1.70)
Bachelor's degree/some graduate school .....	92.0 (0.73)	79.8 (0.89)	80.1 (0.94)	53.9 (1.30)	92.1 (0.53)	79.9 (0.62)	85.0 (0.63)	55.0 (1.11)	92.9 (0.57)	81.5 (0.96)	87.3 (0.71)	54.0 (1.18)
Graduate/professional degree .....	94.6 (0.74)	79.5 (1.00)	80.8 (1.10)	61.7 (1.57)	95.1 (0.47)	83.0 (0.68)	90.1 (0.59)	61.8 (1.30)	95.3 (0.47)	83.8 (0.75)	92.7 (0.60)	64.9 (1.05)
Family income (in current dollars)												
\$20,000 or less .....	79.8 (1.43)	74.6 (1.33)	56.6 (1.42)	26.1 (1.45)	79.9 (1.15)	69.4 (1.36)	57.2 (1.31)	24.1 (1.18)	79.5 (2.18)	73.7 (1.89)	61.4 (1.98)	24.2 (1.78)
\$20,001 to \$50,000 .....	85.1 (0.67)	77.3 (0.85)	66.2 (0.94)	34.6 (1.14)	84.3 (0.73)	74.5 (1.04)	67.2 (1.28)	31.1 (1.22)	85.0 (1.12)	76.0 (1.18)	70.2 (1.47)	31.9 (1.63)
\$50,001 to \$75,000 .....	89.9 (0.79)	76.8 (0.96)	74.5 (1.03)	46.0 (1.26)	88.7 (0.97)	77.3 (1.23)	77.3 (1.19)	43.7 (1.40)	88.7 (1.02)	78.3 (1.13)	81.2 (1.35)	39.7 (1.65)
\$75,001 to \$100,000 .....	94.0 (0.80)	79.4 (1.28)	77.6 (1.34)	51.5 (1.71)	89.9 (0.88)	77.3 (1.15)	81.9 (1.13)	47.8 (1.24)	91.4 (0.87)	75.9 (1.23)	83.5 (1.32)	49.2 (1.53)
Over \$100,000 .....	93.9 (0.71)	77.9 (1.21)	80.7 (1.03)	61.1 (1.19)	92.5 (0.92)	79.0 (0.80)	85.5 (0.96)	57.6 (1.05)	93.6 (0.62)	80.8 (0.95)	90.5 (0.70)	59.1 (0.99)
Poverty status <sup>3</sup>												
Poor .....	79.4 (1.55)	74.5 (1.37)	56.7 (1.57)	26.8 (1.55)	82.5 (1.08)	71.3 (1.29)	60.0 (1.52)	26.8 (1.28)	81.1 (1.68)	74.8 (1.90)	62.3 (1.78)	26.6 (1.77)
Near-poor .....	85.1 (0.89)	77.9 (1.05)	64.8 (0.98)	32.5 (1.31)	83.7 (0.78)	75.2 (0.97)	66.5 (1.22)	31.2 (1.35)	85.8 (1.14)	76.4 (1.24)	71.4 (1.42)	33.0 (1.86)
Nonpoor .....	91.0 (0.46)	77.6 (0.58)	75.7 (0.51)	49.5 (0.76)	90.4 (0.51)	77.5 (0.55)	82.2 (0.61)	50.6 (0.71)	91.7 (0.48)	78.9 (0.66)	86.9 (0.57)	51.7 (0.78)
Control of school and enrollment level of child												
Public school .....	86.7 (0.40)	75.9 (0.45)	68.0 (0.47)	38.5 (0.64)	86.5 (0.43)	74.8 (0.45)	72.9 (0.50)	39.0 (0.52)	88.2 (0.50)	76.7 (0.56)	77.8 (0.60)	40.3 (0.69)
Elementary (kindergarten to grade 8) .....	90.9 (0.40)	85.1 (0.42)	71.7 (0.57)	42.8 (0.75)	90.0 (0.42)	82.4 (0.47)	76.0 (0.64)	44.1 (0.69)	91.0 (0.59)	84.8 (0.62)	80.5 (0.70)	44.6 (0.89)
Secondary (grades 9 to 12) .....	76.9 (1.06)	54.8 (1.03)	59.4 (1.06)	28.5 (0.98)	77.8 (0.92)	55.5 (1.04)	65.1 (0.90)	26.2 (0.71)	81.2 (0.88)	56.1 (1.21)	71.0 (1.01)	29.4 (0.95)
Private school .....	95.8 (0.61)	86.6 (1.02)	85.8 (1.20)	68.6 (1.57)	96.2 (0.58)	86.9 (1.13)	90.1 (1.18)	69.5 (1.63)	92.2 (1.39)	87.3 (1.21)	93.5 (1.14)	72.6 (1.91)
Elementary (kindergarten to grade 8) .....	96.6 (0.70)	91.6 (0.93)	88.4 (1.23)	73.3 (1.91)	97.4 (0.63)	91.2 (1.47)	91.8 (1.39)	74.4 (1.87)	92.1 (1.76)	90.5 (1.51)	94.2 (1.41)	78.2 (2.27)
Secondary (grades 9 to 12) .....	93.3 (1.55)	72.3 (2.49)	78.3 (2.77)	54.8 (2.82)	92.5 (1.20)	73.6 (2.19)	84.9 (2.08)	54.6 (2.44)	92.5 (2.36)	78.7 (1.89)	91.5 (1.30)	57.5 (2.80)

—Not available.

†Not applicable.

<sup>1</sup>The 2003 questionnaire included a single item for “Asian or Pacific Islander,” whereas questionnaires for later years included one item for Asian and a separate item for Pacific Islander.

<sup>2</sup>In 2003, education level was not collected for the second parent in a same sex couple.

<sup>3</sup>Poor children are those whose family incomes were below the Census Bureau's poverty threshold in the year prior to data collection; near-poor children are those whose family incomes ranged from the poverty threshold to 199 percent of the poverty threshold; and nonpoor children are those whose family incomes were at or above 200 percent of the poverty threshold. The poverty threshold is a dollar amount that varies depending on a family's size and composition and is updated annually to account for inflation. In 2015, for example, the poverty threshold for a family of four with two children was \$24,257. Survey respondents are asked to select the range within which their income falls, rather than giving the exact amount of their income; therefore, the measure of poverty status is an approximation.

NOTE: While National Household Education Surveys Program (NHES) administrations prior to 2012 were administered via telephone with an interviewer, NHES:2012 and NHES:2016 used self-administered paper-and-pencil questionnaires that were mailed to respondents. Measurable differences between estimates for years prior to 2012 and estimates for later years could reflect actual changes in the population, or the changes could be due to the mode change from telephone to mail. Includes children enrolled in kindergarten through grade 12 and ungraded students. Excludes homeschooled children. The respondent was the parent most knowledgeable about the child's education. Responding parents reported on their own activities and the activities of their spouse/other adults in the household. Race categories exclude persons of Hispanic ethnicity. Some data have been revised from previously published figures.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Parent and Family Involvement in Education Survey of the National Household Education Surveys Program (PFI-NHES:2003, 2012, and 2016). (This table was prepared May 2018.)

**Table 208.10. Public elementary and secondary pupil/teacher ratios, by selected school characteristics: Selected years, fall 1990 through fall 2015**

Selected school characteristic	1990	1995	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010 <sup>1</sup>	2011	2012	2013	2014	2015
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
<b>All schools</b> .....	<b>17.4</b>	<b>17.8</b>	<b>17.2</b>	<b>16.9</b>	<b>16.6</b>	<b>16.4</b>	<b>16.3</b>	<b>16.2</b>	<b>16.4</b>	<b>16.2</b>	<b>16.0</b>	<b>15.8</b>	<b>15.7</b>	<b>15.7</b>	<b>16.0</b>	<b>16.4</b>	<b>16.3</b>	<b>16.2</b>	<b>16.3</b>	<b>16.2</b>	<b>16.2</b>
<b>Enrollment size of school</b>																					
Under 300 .....	14.0	14.1	13.7	13.6	13.3	13.1	12.9	12.8	13.0	12.8	12.7	12.7	12.7	12.5	12.6	12.9	12.8	12.7	12.7	12.7	12.7
300 to 499 .....	17.0	17.1	16.5	16.2	15.8	15.5	15.4	15.3	15.5	15.2	15.0	14.9	15.0	14.8	15.2	15.4	15.4	15.3	15.4	15.3	15.3
500 to 999 .....	18.0	18.2	17.5	17.1	16.8	16.7	16.5	16.5	16.6	16.4	16.2	15.9	15.9	15.9	16.3	16.7	16.7	16.6	16.7	16.5	16.5
1,000 to 1,499 .....	17.9	18.7	18.1	17.7	17.6	17.4	17.4	17.4	17.6	17.3	16.9	16.7	16.5	16.5	16.8	17.3	17.1	17.0	17.1	16.9	16.9
1,500 or more .....	19.2	20.0	19.7	19.3	19.3	19.1	19.0	18.9	19.2	19.1	18.8	18.6	18.1	18.3	18.7	19.5	19.0	18.8	19.1	19.0	19.0
<b>Type</b>																					
Regular schools .....	17.6	17.9	17.3	17.0	16.7	16.5	16.4	16.3	16.5	16.3	16.1	15.9	15.8	15.8	16.1	16.5	16.4	16.4	16.5	16.3	16.3
Alternative .....	14.2	16.6	16.5	16.4	15.8	15.2	14.9	14.9	15.0	14.4	14.0	14.7	13.5	14.2	14.3	14.8	14.7	14.7	14.3	14.5	14.4
Special education .....	6.5	7.2	7.6	7.3	7.2	7.0	6.4	7.0	7.3	7.4	6.2	6.6	7.1	6.8	7.1	6.9	7.1	6.9	6.6	7.0	7.4
Vocational .....	13.0	12.7	12.9	13.1	13.0	12.7	12.7	9.9	10.3	11.5	12.0	13.3	11.3	10.7	10.2	11.7	11.8	11.6	11.7	11.8	11.9
<b>Percent of students eligible for free or reduced-price lunch</b>																					
25 percent or less .....	—	—	—	—	—	—	—	—	—	16.8	16.4	16.4	16.3	16.1	16.5	16.9	17.5	16.4	16.4	16.4	16.5
26 percent to 50 percent .....	—	—	—	—	—	—	—	—	—	16.2	16.1	15.8	15.7	15.7	16.1	16.5	16.2	16.3	16.3	16.2	16.2
51 percent to 75 percent .....	—	—	—	—	—	—	—	—	—	15.9	15.6	15.3	15.2	15.4	15.8	16.2	15.8	16.1	16.2	16.0	16.0
More than 75 percent .....	—	—	—	—	—	—	—	—	—	15.9	15.5	15.4	15.0	15.1	15.6	16.0	15.5	16.2	16.4	16.4	16.4
<b>Level and size</b>																					
<b>Elementary schools</b> .....	18.1	18.1	17.4	17.0	16.7	16.5	16.3	16.2	16.3	16.0	15.8	15.6	15.6	15.5	15.9	16.3	16.3	16.3	16.3	16.1	16.1
Regular .....	18.2	18.1	17.4	17.0	16.7	16.5	16.3	16.2	16.3	16.0	15.8	15.6	15.6	15.5	15.9	16.3	16.3	16.3	16.4	16.2	16.1
Under 300 .....	16.0	15.7	15.3	15.1	14.6	14.4	14.1	13.9	14.0	13.7	13.6	13.5	13.7	13.5	13.7	14.0	14.0	13.9	14.0	13.8	13.8
300 to 499 .....	17.6	17.5	16.8	16.4	16.1	15.8	15.6	15.5	15.6	15.3	15.2	15.1	15.2	15.0	15.4	15.6	15.7	15.6	15.6	15.5	15.4
500 to 999 .....	18.8	18.6	17.8	17.4	17.1	16.9	16.8	16.7	16.8	16.5	16.3	16.0	16.0	16.0	16.5	16.9	16.9	16.9	17.0	16.7	16.7
1,000 to 1,499 .....	19.5	19.7	18.8	18.4	18.3	18.1	18.0	18.0	18.1	17.7	17.2	17.0	16.7	16.8	17.2	17.8	17.7	17.7	17.7	17.5	17.4
1,500 or more .....	19.9	20.9	20.7	19.9	20.0	20.5	20.2	20.3	20.8	20.5	19.6	19.4	18.0	18.1	18.5	19.3	19.0	18.7	19.0	19.0	18.8
<b>Secondary schools</b> .....	16.6	17.6	17.3	17.0	16.8	16.6	16.6	16.7	16.9	16.8	16.6	16.4	16.3	16.2	16.4	16.8	16.5	16.5	16.6	16.6	16.6
Regular .....	16.7	17.7	17.4	17.1	16.9	16.7	16.7	16.8	17.0	16.9	16.8	16.6	16.4	16.3	16.6	16.9	16.7	16.6	16.7	16.7	16.7
Under 300 .....	12.3	12.8	12.5	12.5	12.0	12.0	11.9	12.0	12.3	12.0	12.2	12.0	12.1	11.9	11.9	12.2	12.0	12.0	12.0	11.9	12.1
300 to 499 .....	14.9	15.7	15.3	15.1	14.6	14.5	14.4	14.4	14.7	14.7	14.6	14.4	14.4	14.3	14.3	14.6	14.6	14.5	14.4	14.6	14.6
500 to 999 .....	16.1	16.9	16.4	16.2	16.0	15.8	15.7	15.8	16.0	15.9	15.8	15.6	15.4	15.4	15.6	15.8	15.7	15.6	15.7	15.7	15.7
1,000 to 1,499 .....	17.2	18.0	17.5	17.2	17.1	16.8	16.8	16.9	17.2	17.0	16.8	16.5	16.5	16.3	16.6	16.9	16.6	16.5	16.6	16.5	16.5
1,500 or more .....	19.3	20.0	19.7	19.3	19.2	18.9	18.8	18.8	19.0	18.8	18.5	18.2	18.2	18.2	18.6	19.3	18.8	18.7	18.9	18.9	18.7
<b>Combined schools</b> .....	14.5	15.0	14.4	13.4	13.4	13.7	13.4	13.5	13.8	13.9	14.1	14.7	13.4	13.9	14.0	15.4	14.4	14.3	14.6	14.2	15.2
Under 300 .....	8.9	9.0	8.6	8.9	9.1	9.2	9.1	9.1	9.5	9.2	9.5	10.1	9.2	8.9	9.1	9.2	9.4	9.1	9.1	9.2	9.6
300 to 499 .....	14.2	14.7	14.0	13.6	13.8	13.5	13.1	13.1	14.4	13.4	13.9	14.3	13.7	13.9	13.8	13.6	13.3	13.2	13.5	13.6	14.3
500 to 999 .....	16.3	16.6	16.2	15.5	14.9	15.8	15.6	16.0	15.4	15.8	15.9	16.0	15.2	15.6	15.8	16.9	15.6	15.5	15.5	15.1	16.3
1,000 to 1,499 .....	17.8	18.2	18.0	16.9	16.9	17.5	18.1	17.7	17.5	17.4	16.4	17.3	15.9	16.7	17.9	19.2	18.1	17.8	17.9	17.3	17.5
1,500 or more .....	17.7	19.6	19.3	18.7	19.2	18.6	18.9	19.1	19.2	18.7	20.0	20.3	18.0	21.7	21.7	25.7	23.4	23.0	24.6	20.9	23.6
Ungraded .....	6.4	6.9	6.2	5.9	5.3	7.0	6.3	6.8	9.6	8.0	7.7	7.2	7.3	5.5	8.5	5.3	6.0	5.6	2.9	8.1	9.0
<b>Level, type, and percent of students eligible for free or reduced-price lunch</b>																					
<b>Elementary, regular</b>																					
25 percent or less .....	—	—	—	—	—	—	—	—	—	16.6	16.4	16.2	16.2	16.0	16.4	16.8	17.4	16.4	16.4	16.3	16.4
26 to 50 percent .....	—	—	—	—	—	—	—	—	—	16.0	15.8	15.5	15.6	15.6	16.0	16.4	16.3	16.3	16.3	16.1	16.1
51 to 75 percent .....	—	—	—	—	—	—	—	—	—	15.7	15.5	15.1	15.2	15.2	15.7	16.0	15.9	16.1	16.1	15.8	15.8
More than 75 percent .....	—	—	—	—	—	—	—	—	—	16.0	15.6	15.4	15.1	15.2	15.8	16.1	15.7	16.4	16.6	16.5	16.4
<b>Secondary, regular</b>																					
25 percent or less .....	—	—	—	—	—	—	—	—	—	17.5	17.0	16.9	16.8	16.6	16.8	17.2	17.8	16.6	16.7	16.7	16.9
26 to 50 percent .....	—	—	—	—	—	—	—	—	—	16.9	16.8	16.4	16.4	16.2	16.5	16.8	16.4	16.6	16.5	16.5	16.6
51 to 75 percent .....	—	—	—	—	—	—	—	—	—	16.9	16.7	16.3	16.1	16.4	16.5	17.1	16.1	16.7	16.8	16.9	16.9
More than 75 percent .....	—	—	—	—	—	—	—	—	—	16.2	16.7	16.2	15.7	15.9	16.0	16.5	15.5	16.5	16.9	17.0	17.1

—Not available.

<sup>1</sup>Includes imputations for California and Wyoming.

NOTE: Pupil/teacher ratios are based on data reported by types of schools rather than by instructional programs within schools. Only includes schools that reported both

enrollment and teacher data. Ratios are based on data reported by schools and may differ from data reported in other tables that reflect aggregate totals reported by states. SOURCE: U.S. Department of Education, National Center for Education Statistics, Common Core of Data (CCD), "Public Elementary/Secondary School Universe Survey," 1990–91 through 2015–16. (This table was prepared May 2018.)

**Table 208.20. Public and private elementary and secondary teachers, enrollment, pupil/teacher ratios, and new teacher hires: Selected years, fall 1955 through fall 2027**

Year	Teachers (in thousands)			Enrollment (in thousands)			Pupil/teacher ratio			Number of new teacher hires (in thousands) <sup>1</sup>		
	Total	Public	Private	Total	Public	Private	Total	Public	Private	Total	Public	Private
1	2	3	4	5	6	7	8	9	10	11	12	13
1955	1,286	1,141	145 <sup>2</sup>	35,280	30,680	4,600 <sup>2</sup>	27.4	26.9	31.7 <sup>2</sup>	—	—	—
1960	1,600	1,408	192 <sup>2</sup>	42,181	36,281	5,900 <sup>2</sup>	26.4	25.8	30.7 <sup>2</sup>	—	—	—
1965	1,933	1,710	223	48,473	42,173	6,300	25.1	24.7	28.3	—	—	—
1970	2,292	2,059	233	51,257	45,894	5,363	22.4	22.3	23.0	—	—	—
1975	2,453	2,198	255 <sup>2</sup>	49,819	44,819	5,000 <sup>2</sup>	20.3	20.4	19.6 <sup>2</sup>	—	—	—
1976	2,457	2,189	268	49,478	44,311	5,167	20.1	20.2	19.3	—	—	—
1977	2,488	2,209	279	48,717	43,577	5,140	19.6	19.7	18.4	—	—	—
1978	2,479	2,207	272	47,637	42,551	5,086	19.2	19.3	18.7	—	—	—
1979	2,461	2,185	276 <sup>2</sup>	46,651	41,651	5,000 <sup>2</sup>	19.0	19.1	18.1 <sup>2</sup>	—	—	—
1980	2,485	2,184	301	46,208	40,877	5,331	18.6	18.7	17.7	—	—	—
1981	2,440	2,127	313 <sup>2</sup>	45,544	40,044	5,500 <sup>2</sup>	18.7	18.8	17.6 <sup>2</sup>	—	—	—
1982	2,458	2,133	325 <sup>2</sup>	45,166	39,566	5,600 <sup>2</sup>	18.4	18.6	17.2 <sup>2</sup>	—	—	—
1983	2,476	2,139	337	44,967	39,252	5,715	18.2	18.4	17.0	—	—	—
1984	2,508	2,168	340 <sup>2</sup>	44,908	39,208	5,700 <sup>2</sup>	17.9	18.1	16.8 <sup>2</sup>	—	—	—
1985	2,549	2,206	343	44,979	39,422	5,557	17.6	17.9	16.2	—	—	—
1986	2,592	2,244	348 <sup>2</sup>	45,205	39,753	5,452 <sup>2</sup>	17.4	17.7	15.7 <sup>2</sup>	—	—	—
1987	2,631	2,279	352	45,488	40,008	5,479	17.3	17.6	15.6	—	—	—
1988	2,668	2,323	345 <sup>2</sup>	45,430	40,189	5,242 <sup>2</sup>	17.0	17.3	15.2 <sup>2</sup>	—	—	—
1989	2,713	2,357	356	46,141	40,543	5,599	17.0	17.2	15.7	—	—	—
1990	2,759	2,398	361 <sup>2</sup>	46,864	41,217	5,648 <sup>2</sup>	17.0	17.2	15.6 <sup>2</sup>	—	—	—
1991	2,797	2,432	365	47,728	42,047	5,681	17.1	17.3	15.6	—	—	—
1992	2,823	2,459	364 <sup>2</sup>	48,694	42,823	5,870 <sup>2</sup>	17.2	17.4	16.1 <sup>2</sup>	—	—	—
1993	2,868	2,504	364	49,532	43,465	6,067	17.3	17.4	16.7	—	—	—
1994	2,922	2,552	370 <sup>2</sup>	50,106	44,111	5,994 <sup>2</sup>	17.1	17.3	16.2 <sup>2</sup>	—	—	—
1995	2,974	2,598	376	50,759	44,840	5,918	17.1	17.3	15.7	—	—	—
1996	3,051	2,667	384 <sup>2</sup>	51,544	45,611	5,933 <sup>2</sup>	16.9	17.1	15.5 <sup>2</sup>	—	—	—
1997	3,138	2,746	391	52,071	46,127	5,944	16.6	16.8	15.2	—	—	—
1998	3,230	2,830	400 <sup>2</sup>	52,526	46,539	5,988 <sup>2</sup>	16.3	16.4	15.0 <sup>2</sup>	—	—	—
1999	3,319	2,911	408	52,875	46,857	6,018	15.9	16.1	14.7	305	222	83
2000	3,366	2,941	424 <sup>2</sup>	53,373	47,204	6,169 <sup>2</sup>	15.9	16.0	14.5 <sup>2</sup>	—	—	—
2001	3,440	3,000	441	53,992	47,672	6,320	15.7	15.9	14.3	—	—	—
2002	3,476	3,034	442 <sup>2</sup>	54,403	48,183	6,220 <sup>2</sup>	15.7	15.9	14.1 <sup>2</sup>	—	—	—
2003	3,490	3,049	441	54,639	48,540	6,099	15.7	15.9	13.8	311	236	74
2004	3,536	3,091	445 <sup>2</sup>	54,882	48,795	6,087 <sup>2</sup>	15.5	15.8	13.7 <sup>2</sup>	—	—	—
2005	3,593	3,143	450	55,187	49,113	6,073	15.4	15.6	13.5	—	—	—
2006	3,622	3,166	456 <sup>2</sup>	55,307	49,316	5,991 <sup>2</sup>	15.3	15.6	13.2 <sup>2</sup>	—	—	—
2007	3,656	3,200	456	55,201	49,291	5,910	15.1	15.4	13.0	327	246	80
2008	3,670	3,222	448 <sup>2</sup>	54,973	49,266	5,707 <sup>2</sup>	15.0	15.3	12.8 <sup>2</sup>	—	—	—
2009	3,647	3,210	437	54,849	49,361	5,488	15.0	15.4	12.5	—	—	—
2010	3,512	3,099	413 <sup>2</sup>	54,867	49,484	5,382 <sup>2</sup>	15.6	16.0	13.0 <sup>2</sup>	—	—	—
2011	3,508	3,103	405	54,790	49,522	5,268	15.6	16.0	13.0	241	173	68
2012	3,517	3,109	408 <sup>2</sup>	55,104	49,771	5,333 <sup>2</sup>	15.7	16.0	13.1 <sup>2</sup>	—	—	—
2013	3,555	3,114	441	55,440	50,045	5,396	15.6	16.1	12.2	—	—	—
2014	3,594	3,132	461 <sup>2</sup>	55,888	50,313	5,575 <sup>2</sup>	15.6	16.1	12.1 <sup>2</sup>	—	—	—
2015	3,633	3,151	482	56,189	50,438	5,751	15.5	16.0	11.9	325	218	107
2016 <sup>3</sup>	3,605	3,126	479	56,408	50,580	5,829	15.6	16.2	12.2	302	214	88
2017 <sup>3</sup>	3,636	3,154	483	56,527	50,649	5,878	15.5	16.1	12.2	359	264	94
2018 <sup>3</sup>	3,644	3,161	483	56,618	50,701	5,917	15.5	16.0	12.3	336	245	91
2019 <sup>3</sup>	3,675	3,188	487	56,753	50,803	5,951	15.4	15.9	12.2	361	266	95
2020 <sup>3</sup>	3,704	3,213	491	56,961	50,971	5,989	15.4	15.9	12.2	361	266	95
2021 <sup>3</sup>	3,737	3,242	495	57,175	51,146	6,029	15.3	15.8	12.2	368	272	96
2022 <sup>3</sup>	3,768	3,268	500	57,371	51,317	6,054	15.2	15.7	12.1	369	272	97
2023 <sup>3</sup>	3,798	3,294	504	57,572	51,488	6,084	15.2	15.6	12.1	371	273	98
2024 <sup>3</sup>	3,829	3,320	509	57,733	51,619	6,114	15.1	15.5	12.0	372	273	99
2025 <sup>3</sup>	3,859	3,346	513	57,844	51,712	6,132	15.0	15.5	12.0	376	276	100
2026 <sup>3</sup>	3,891	3,373	518	57,987	51,833	6,154	14.9	15.4	11.9	379	278	101
2027 <sup>3</sup>	3,919	3,397	522	58,239	52,059	6,180	14.9	15.3	11.8	379	278	101

—Not available.

<sup>1</sup>A teacher is considered to be a new hire for a public or private school if the teacher had not taught in that control of school in the previous year. A teacher who moves from a public to private or a private to public school is considered a new teacher hire, but a teacher who moves from one public school to another public school or one private school to another private school is not considered a new teacher hire.

<sup>2</sup>Estimated.

<sup>3</sup>Projected.

NOTE: Data for teachers are expressed in full-time equivalents (FTE). Counts of private school teachers and enrollment include prekindergarten through grade 12 in schools offering kindergarten or higher grades. Counts of public school teachers and enrollment include prekindergarten through grade 12. The pupil/teacher ratio includes teachers for students with disabilities and other special teachers, while these teachers are generally excluded from class size calculations. Ratios for public schools reflect totals reported

by states and differ from totals reported for schools or school districts. Some data have been revised from previously published figures. Detail may not sum to totals because of rounding.

SOURCE: U.S. Department of Education, National Center for Education Statistics, *Statistics of Public Elementary and Secondary Day Schools*, 1955–56 through 1980–81; *Statistics of Nonpublic Elementary and Secondary Schools*, 1955 through 1980; 1983–84, 1985–86, and 1987–88 Private School Survey; Common Core of Data (CCD), “State Nonfiscal Survey of Public Elementary/Secondary Education,” 1981–82 through 2015–16; Private School Universe Survey (PSS), 1989–90 through 2015–16; Schools and Staffing Survey (SASS), “Public School Teacher Data File” and “Private School Teacher Data File,” 1999–2000 through 2011–12; National Teacher and Principal Survey (NTPS), 2015–16; Elementary and Secondary Teacher Projection Model, 1973 through 2027; and New Teacher Hires Projection Model, 1988 through 2027. (This table was prepared April 2018.)

**Table 208.30. Public elementary and secondary teachers, by level and state or jurisdiction: Selected years, fall 2000 through fall 2015**

[Standard errors appear in parentheses]

State or jurisdiction	Fall 2000	Fall 2005	Fall 2010	Fall 2012	Fall 2013	Fall 2014				Fall 2015			
						Total	Elementary	Secondary	Ungraded	Total	Elementary	Secondary	Ungraded
1	2	3	4	5	6	7	8	9	10	11	12	13	14
<b>United States</b> ....	<b>2,941,461<sup>1</sup></b>	<b>3,143,003<sup>1</sup></b>	<b>3,099,095<sup>1</sup></b>	<b>3,109,101<sup>1</sup></b>	<b>3,113,764<sup>1</sup></b>	<b>3,132,351<sup>1</sup></b>	<b>1,743,157<sup>1</sup></b>	<b>1,203,263<sup>1</sup></b>	<b>185,931<sup>1</sup></b>	<b>3,151,497<sup>1</sup></b>	<b>1,745,337<sup>1</sup></b>	<b>1,220,166<sup>1</sup></b>	<b>185,994<sup>1</sup></b>
Alabama .....	48,194 <sup>2</sup>	57,757	49,363	51,877	47,162	42,737	22,660	20,076	0	40,766	21,687	19,080	0
Alaska .....	7,880	7,912	8,171	7,682	7,898	7,759	4,257	3,502	0	7,832	4,325	3,507	0
Arizona .....	44,438	51,376	50,031	48,866	48,359	48,124	33,274	14,851	0	47,944	33,455	14,489	0
Arkansas .....	31,947	32,997	34,273	34,131	34,933	35,430	18,551	14,288	2,591	35,804	18,474	14,714	2,616
California .....	298,021 <sup>2</sup>	309,222 <sup>2</sup>	260,806 <sup>2</sup>	266,255 <sup>2</sup>	259,506 <sup>2</sup>	267,685 <sup>2</sup>	180,094 <sup>2</sup>	85,079	2,512	263,475	176,192	84,322	2,960
Colorado .....	41,983	45,841	48,543	48,922	50,157	51,388	29,488	21,900	0	51,798	29,578	22,220	0
Connecticut .....	41,044	39,687	42,951	43,931	43,443	42,062	26,594	15,237	231	43,772	27,256	16,233	284
Delaware .....	7,469	7,998	8,933	9,257	9,388	9,649	4,879	4,770	0	8,962	4,524	4,438	0
District of Columbia ...	4,949	5,481 <sup>3</sup>	5,925	5,925	5,991	6,565	4,806	1,722	38	6,789	4,185	2,551	54
Florida .....	132,030	158,962	175,609	176,537	177,853	180,442	77,052	66,301	37,089	182,586	76,722	67,248	38,616
Georgia .....	91,043	108,535	112,460	109,365	109,441	111,470	51,588	43,261	16,351	113,031	52,471	43,869	16,690
Hawaii .....	10,927	11,226	11,396	11,608	11,781	11,663	6,380	5,218	65	11,747	6,410	5,248	89
Idaho .....	13,714	14,521	15,673	14,563	15,002	15,609	7,393	8,216	0	15,656	7,438	8,218	0
Illinois .....	127,620	133,857	132,983	135,701 <sup>4</sup>	136,355 <sup>5</sup>	132,456 <sup>5</sup>	91,688 <sup>5</sup>	40,706	62 <sup>5</sup>	129,948	90,437	39,508	3
Indiana .....	59,226	60,592	58,121 <sup>2</sup>	59,863	59,823	56,547	29,621	26,927	0	57,675	30,305	27,370	0
Iowa .....	34,636	35,181	34,642	35,080	35,397	35,684	24,969	10,716	0	35,687	25,011	10,677	0
Kansas .....	32,742	33,608	34,644	41,243	38,153	37,659	19,188	18,471	0	40,035	20,261	19,774	0
Kentucky .....	39,589	42,413	42,042	42,769	41,820	41,586	24,653	9,887	7,046	41,902	24,848	10,028	7,026
Louisiana .....	49,915	44,660	48,655	46,493	46,437	46,340	26,884	11,920	7,536	58,469	33,250	15,271	9,949
Maine .....	16,559	16,684	15,384	15,222	15,452	14,937	10,374	4,563	0	14,857	10,336	4,521	0
Maryland .....	52,433	56,685	58,428	57,718	58,611	59,194	35,870	23,324	0	59,414	36,196	23,218	0
Massachusetts .....	67,432	73,596	68,754	70,636	70,490	71,859	47,116	24,743	0	71,969	47,210	24,759	0
Michigan .....	97,031	98,069	88,615	86,154	85,786	85,038	35,201	33,377	16,460	84,181	34,885	33,107	16,190
Minnesota .....	53,457	51,107	52,672	53,585	54,413	55,690	30,105	23,961	1,624	55,985	30,149	24,014	1,822
Mississippi .....	31,006	31,433	32,255	32,613	32,292	32,311	15,299	13,092	3,921	32,175	15,112	13,181	3,882
Missouri .....	64,735	67,076	66,735	66,248	66,651	67,356	35,050	32,306	0	67,635	35,221	32,414	0
Montana .....	10,411	10,369	10,361	10,200	10,310	10,234	7,149	3,073	12	10,412	7,257	3,115	40
Nebraska .....	20,983	21,359	22,345	22,103	22,401	22,988	14,499	8,488	0	23,308	14,618	8,690	0
Nevada .....	18,293	21,744	21,839	20,695	21,921	21,656	10,547	7,959	3,150	22,702	10,978	8,316	3,408
New Hampshire .....	14,341	15,536	15,365	14,925	14,826	14,773	10,009	4,764	0	14,770	10,005	4,765	0
New Jersey .....	99,061	112,673	110,202	110,929	114,581	115,067	60,999	38,229	15,839	114,968	60,873	37,731	16,365
New Mexico .....	21,042	22,021	22,437	22,201	22,239	22,411	9,951	8,407	4,053	21,722	9,687	8,236	3,798
New York .....	206,961	218,989	211,606	207,060	206,693	203,781	103,469	91,679	8,634	206,086	103,618	92,579	9,889
North Carolina .....	83,680	95,664	98,357	98,590	99,327	99,320	69,276	29,198	846	99,355	68,977	29,550	828
North Dakota .....	8,141	8,003	8,417	8,677	8,805	9,049	5,900	3,149	0	9,195	6,058	3,137	0
Ohio .....	118,361	117,982	109,282	106,000	106,010	106,526 <sup>3</sup>	50,181 <sup>3</sup>	47,251 <sup>3</sup>	9,094 <sup>3</sup>	101,742	56,898	41,212	3,632
Oklahoma .....	41,318	41,833	41,278	41,775	41,983	42,073	23,506	18,568	0	42,452	23,780	18,673	0
Oregon .....	28,094	28,346	28,109	26,410	26,733	27,850	19,580	8,270	0	29,086	20,642	8,444	0
Pennsylvania .....	116,963	122,397	129,911	123,147	121,330	122,030	58,536	53,320	10,174	120,893	58,033	52,606	10,253
Rhode Island .....	10,645	14,180 <sup>2</sup>	11,212	9,871	9,824	9,471	5,186	4,285	0	10,631	5,983	4,648	0
South Carolina .....	45,380	48,212	45,210	48,072	48,151	49,475	34,696	14,779	0	50,237	35,293	14,943	0
South Dakota .....	9,397	9,129	9,512	9,334	9,510	9,618	6,247	2,510	861	9,638	6,274	2,483	881
Tennessee .....	57,164	59,596	66,558	66,406	65,847	65,341	44,738	18,687	1,916	66,488	45,314	18,972	2,203
Texas .....	274,826	302,425	334,997	327,357	334,580	342,257	171,843	141,716	28,698	347,329	171,673	148,168	27,488
Utah .....	22,008	22,993	25,677	26,610	27,247	27,374 <sup>3</sup>	13,588 <sup>3</sup>	11,230 <sup>3</sup>	2,556 <sup>3</sup>	28,348 <sup>3</sup>	14,008 <sup>3</sup>	11,673 <sup>3</sup>	2,668 <sup>3</sup>
Vermont .....	8,414	8,851	8,382	8,403	8,375	8,276	3,239	2,928	2,109	8,338	3,332	2,893	2,113
Virginia .....	86,977 <sup>2</sup>	103,944	70,947	89,389	90,098	89,968	41,853	48,115	0	90,255	42,373	47,882	0
Washington .....	51,098	53,508	53,934	53,699	54,867	59,555	41,872	15,629	2,054	57,942	31,333	24,898	1,712
West Virginia .....	20,930	19,940	20,338	20,101	19,978	20,029	9,425	10,585	19	19,664	9,362	10,278	25
Wisconsin .....	60,165	60,127	57,625	57,551	57,980	58,376 <sup>3</sup>	29,462 <sup>3</sup>	28,523 <sup>3</sup>	391 <sup>3</sup>	58,185	28,911	28,761	513
Wyoming .....	6,783	6,706	7,127	7,350	7,555	7,615	4,105	3,509	0	7,653	4,123	3,531	0
Bureau of Indian Education .....	—	—	—	5,308	—	—	—	—	—	—	—	—	—
DoD, overseas .....	5,105	5,726	—	—	—	—	—	—	—	—	—	—	—
DoD, domestic .....	2,399	2,033	—	—	—	—	—	—	—	—	—	—	—
Other jurisdictions													
American Samoa ....	820	989	—	—	—	—	—	—	—	—	—	—	—
Guam .....	1,975	1,804	1,843	2,291	2,291	2,286	1,213	1,073	0	2,336	1,192	1,144	0
Northern Marianas .	526	614	607	409	417	—	—	—	—	—	—	—	—
Puerto Rico .....	37,620	42,036	36,506	30,986	33,412	31,186	13,458	11,996	5,732	30,438	13,018	11,754	5,666
U.S. Virgin Islands ...	1,511	1,434	1,457	1,129	1,082	1,131	483	346	302	1,106	520	565	21

—Not available.

<sup>1</sup>Includes imputed values for states.

<sup>2</sup>Includes imputations to correct for underreporting of prekindergarten teachers.

<sup>3</sup>Imputed.

<sup>4</sup>Includes imputations to correct for underreporting of prekindergarten, kindergarten, and secondary teachers.

<sup>5</sup>Includes imputations to correct for underreporting of prekindergarten, kindergarten, and ungraded teachers.

NOTE: Distribution of elementary and secondary teachers determined by reporting units. DoD = Department of Defense.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Common Core of Data (CCD), "State Nonfiscal Survey of Public Elementary/Secondary Education," 2000-01 through 2015-16. (This table was prepared January 2018.)

**Table 208.40. Public elementary and secondary teachers, enrollment, and pupil/teacher ratios, by state or jurisdiction: Selected years, fall 2000 through fall 2015**

[Standard errors appear in parentheses]

State or jurisdiction	Pupil/teacher ratio				Fall 2013			Fall 2014			Fall 2015		
	Fall 2000	Fall 2010	Fall 2011	Fall 2012	Teachers	Enrollment	Pupil/teacher ratio	Teachers	Enrollment	Pupil/teacher ratio	Teachers	Enrollment	Pupil/teacher ratio
1	2	3	4	5	6	7	8	9	10	11	12	13	14
<b>United States</b> .....	<b>16.0<sup>1</sup></b>	<b>16.0<sup>1</sup></b>	<b>16.0<sup>1</sup></b>	<b>16.0<sup>1</sup></b>	<b>3,113,764<sup>1</sup></b>	<b>50,044,522</b>	<b>16.1<sup>1</sup></b>	<b>3,132,351<sup>1</sup></b>	<b>50,312,581</b>	<b>16.1<sup>1</sup></b>	<b>3,151,497<sup>1</sup></b>	<b>50,438,043</b>	<b>16.0<sup>1</sup></b>
Alabama .....	15.4 <sup>2</sup>	15.3	15.6	14.4	47,162	746,204	15.8	42,737	744,164	17.4	40,766	743,789	18.2
Alaska .....	16.9	16.2	16.2	17.1	7,898	130,944	16.6	7,759	131,176	16.9	7,832	132,477	16.9
Arizona .....	19.8	21.4	21.3	22.3	48,359	1,102,445	22.8	48,124	1,111,695	23.1	47,944	1,109,040	23.1
Arkansas .....	14.1	14.1	14.2	14.2	34,933	489,979	14.0	35,430	490,917	13.9	35,804	492,132	13.7
California .....	20.6 <sup>2</sup>	24.1 <sup>2</sup>	23.4 <sup>2</sup>	23.7 <sup>2</sup>	259,506 <sup>2</sup>	6,312,623	24.3 <sup>2</sup>	267,685 <sup>2</sup>	6,312,161	23.6 <sup>2</sup>	263,475	6,305,347 <sup>2</sup>	23.9 <sup>2</sup>
Colorado .....	17.3	17.4	17.8	17.7	50,157	876,999	17.5	51,388	889,006	17.3	51,798	899,112	17.4
Connecticut .....	13.7	13.1	12.7	12.5	43,443	546,200	12.6	42,062	542,678	12.9	43,772	537,933	12.3
Delaware .....	15.4	14.5	15.0	13.9	9,388	131,687	14.0	9,649	134,042	13.9	9,962	134,847	15.0
District of Columbia .....	13.9	12.0	11.8	12.9	5,991	78,153	13.0	6,565	80,958	12.3	6,789	84,024	12.4
Florida .....	18.4	15.1	15.2	15.2	177,853	2,720,744	15.3	180,442	2,756,944	15.3	182,586	2,792,234	15.3
Georgia .....	15.9	14.9	15.2	15.6	109,441	1,723,909	15.8	111,470	1,744,437	15.6	113,031	1,757,237	15.5
Hawaii .....	16.9	15.8	15.9	15.9	11,781	186,825	15.9	11,663	182,384	15.6	11,747	181,995	15.5
Idaho .....	17.9	17.6	17.5	19.6	15,002	296,476	19.8	15,609	290,885	18.6	15,656	292,277	18.7
Illinois .....	16.1	15.7	15.8	15.3 <sup>3</sup>	136,355 <sup>4</sup>	2,066,990	15.2 <sup>4</sup>	132,456 <sup>4</sup>	2,050,239	15.5 <sup>4</sup>	129,948	2,041,779	15.7
Indiana .....	16.7	18.0 <sup>2</sup>	16.7 <sup>2</sup>	17.4	59,823	1,047,385	17.5	56,547	1,046,269	18.5	57,675	1,046,757	18.1
Iowa .....	14.3	14.3	14.3	14.2	35,397	502,964	14.2	35,684	505,311	14.2	35,687	508,014	14.2
Kansas .....	14.4	14.0	13.0	11.9	38,153	496,440	13.0	37,659	497,275	13.2	40,035	495,884	12.4
Kentucky .....	16.8	16.0	16.3	16.0	41,820	677,389	16.2	41,586	688,640	16.6	41,902	686,598	16.4
Louisiana .....	14.9	14.3	14.5	15.3	46,437	711,491	15.3	46,340	716,800	15.5	58,469	718,711	12.3
Maine .....	12.5	12.3	12.7	12.2	15,452	183,995	11.9	14,937	182,470	12.2	14,857	181,613	12.2
Maryland .....	16.3	14.6	14.8	14.9	58,611	866,169	14.8	59,194	874,514	14.8	59,414	879,601	14.8
Massachusetts .....	14.5	13.9	13.7	13.5	70,490	955,739	13.6	71,859	955,844	13.3	71,969	964,026	13.4
Michigan .....	17.7 <sup>2</sup>	17.9	18.1	18.1	85,786	1,548,841	18.1	85,038	1,537,922	18.1	84,181	1,536,231	18.2
Minnesota .....	16.0	15.9	15.9	15.8	54,413	850,973	15.6	55,690	857,235	15.4	55,985	864,384	15.4
Mississippi .....	16.1	15.2	15.3	15.1	32,292	492,586	15.3	32,311	490,917	15.2	32,175	487,200	15.1
Missouri .....	14.1	13.8	13.8	13.9	66,651	918,288	13.8	67,356	917,785	13.6	67,635	919,234	13.6
Montana .....	14.9	13.7	14.0	14.0	10,310	144,129	14.0	10,234	144,532	14.1	10,412	145,319	14.0
Nebraska .....	13.6	13.4	13.6	13.7	22,401	307,677	13.7	22,988	312,635	13.6	23,308	316,014	13.6
Nevada .....	18.6	20.0	20.8	21.5	21,921	451,831	20.6	21,656	459,189	21.2	22,702	467,527	20.6
New Hampshire .....	14.5	12.7	12.8	12.7	14,826	186,310	12.6	14,773	184,670	12.5	14,770	182,425	12.4
New Jersey .....	13.3	12.7	12.4	12.4	114,581	1,370,295	12.0	115,067	1,400,579	12.2	114,968	1,408,845	12.3
New Mexico .....	15.2	15.1	15.4	15.2	22,239	339,244	15.3	22,411	340,365	15.2	21,722	335,694	15.5
New York .....	13.9	12.9	12.9	13.1	206,693	2,732,770	13.2	203,781	2,741,185	13.5	206,086	2,711,626	13.2
North Carolina .....	15.5	15.2	15.5	15.4	99,327	1,530,857	15.4	99,320	1,548,895	15.6	99,355	1,544,934	15.5
North Dakota .....	13.4	11.4	11.5	11.7	8,805	103,947	11.8	9,049	106,586	11.8	9,195	108,644	11.8
Ohio .....	15.5	16.1	16.1	16.3	106,010	1,724,111	16.3	106,526 <sup>5</sup>	1,724,810	16.2 <sup>5</sup>	101,742	1,716,585	16.9
Oklahoma .....	15.1	16.0	16.1	16.1	41,983	681,848	16.2	42,073	688,511	16.4	42,452	692,878	16.3
Oregon .....	19.4	20.3	21.2	22.2	26,733	593,000	22.2	27,850	601,318	21.6	29,086	608,825 <sup>2</sup>	20.9 <sup>2</sup>
Pennsylvania .....	15.5	13.8	14.2	14.3	121,330	1,755,236	14.5	122,030	1,743,160	14.3	120,893	1,717,414	14.2
Rhode Island .....	14.8	12.8	12.5	14.4	9,824	142,008	14.5	9,471	141,959	15.0	10,631	142,014	13.4
South Carolina .....	14.9	16.1	15.5	15.3	48,151	745,657	15.5	49,475	756,523	15.3	50,237	763,533	15.2
South Dakota .....	13.7	13.3	13.8	14.0	9,510	130,890	13.8	9,618	133,040	13.8	9,638	134,253	13.9
Tennessee .....	15.9 <sup>2</sup>	14.8	15.1	15.0	65,847	993,556	15.1	65,341	995,475	15.2	66,488	1,001,235	15.1
Texas .....	14.8	14.7	15.4	15.5	334,580	5,153,702	15.3	342,257	5,233,765	15.3	347,329	5,301,477	15.3
Utah .....	21.9	22.8	23.1	23.0	27,247	625,461	23.0	27,374 <sup>5</sup>	635,577	23.2 <sup>5</sup>	28,348 <sup>5</sup>	647,870	22.9 <sup>5</sup>
Vermont .....	12.1	11.6	10.7	10.7	8,375	88,690	10.6	8,276	87,311	10.6	8,338	87,866	10.5
Virginia .....	13.2 <sup>2</sup>	17.6	13.8	14.2	90,098	1,273,825	14.1	89,968	1,280,381	14.2	90,255	1,283,590	14.2
Washington .....	19.7	19.4	19.7	19.6	54,867	1,058,936	19.3	59,555	1,073,638	18.0	57,942	1,087,030	18.8
West Virginia .....	13.7	13.9	14.0	14.1	19,978	280,958	14.1	20,029	280,310	14.0	19,664	277,452	14.1
Wisconsin .....	14.6	15.1	15.5	15.2	57,980	874,414	15.1	58,376 <sup>5</sup>	871,432	14.9 <sup>5</sup>	58,185	867,800	14.9
Wyoming .....	13.3	12.5	11.5	12.5	7,555	92,732	12.3	7,615	94,067	12.4	7,653	94,717	12.4
Bureau of Indian Education .....	—	—	—	—	—	—	—	—	—	—	—	—	—
DoD, overseas .....	14.4	—	—	—	—	—	—	—	—	—	—	74,970	—
DoD, domestic .....	14.2	—	—	—	—	—	—	—	—	—	—	—	—
Other jurisdictions													
American Samoa .....	19.1	—	—	—	—	—	—	—	—	—	—	—	—
Guam .....	16.4	17.2	13.6	13.6	2,291	33,414	14.6	2,286	31,144	13.6	2,336	30,821	13.2
Northern Marianas .....	19.0	18.3	22.2	26.0	417	10,638	25.5	—	—	—	—	—	—
Puerto Rico .....	16.3	13.0	13.7	14.0	33,412	423,934	12.7	31,186	410,950	13.2	30,438	379,818	12.5
U.S. Virgin Islands .....	12.9	10.6	12.9	13.5	1,082	14,953	13.8	1,131	14,241	12.6	1,106	13,805	12.5

—Not available.  
<sup>1</sup>Includes imputed values for states.  
<sup>2</sup>Includes imputations to correct for underreporting of prekindergarten teachers/enrollment.  
<sup>3</sup>Includes imputations to correct for underreporting of prekindergarten, kindergarten, and secondary teachers.  
<sup>4</sup>Includes imputations to correct for underreporting of prekindergarten, kindergarten, and ungraded teachers.  
<sup>5</sup>Imputed.

NOTE: Teachers reported in full-time equivalents (FTE). DoD = Department of Defense. The pupil/teacher ratio includes teachers for students with disabilities and other special teachers, while these teachers are generally excluded from class size calculations. Ratios reflect totals reported by states and differ from totals reported for schools or school districts. SOURCE: U.S. Department of Education, National Center for Education Statistics, Common Core of Data (CCD), "State Nonfiscal Survey of Public Elementary/Secondary Education," 2000–01 through 2015–16. (This table was prepared January 2018.)

**Table 209.10. Number and percentage distribution of teachers in public and private elementary and secondary schools, by selected teacher characteristics: Selected years, 1987–88 through 2015–16**

[Standard errors appear in parentheses]

Selected teacher characteristic	Number of teachers (in thousands)							Percentage distribution of teachers						
	1987–88	1990–91	1999–2000	2003–04	2007–08	2011–12	2015–16	1987–88	1990–91	1999–2000	2003–04	2007–08	2011–12	2015–16
	2	3	4	5	6	7	8	9	10	11	12	13	14	15
<b>Public schools</b>														
<b>Total</b>	<b>2,323 (13.2)</b>	<b>2,559 (20.7)</b>	<b>3,002 (19.4)</b>	<b>3,251 (29.2)</b>	<b>3,405 (44.0)</b>	<b>3,385 (41.4)</b>	<b>3,827 (49.5)</b>	<b>100.0 (†)</b>	<b>100.0 (†)</b>	<b>100.0 (†)</b>	<b>100.0 (†)</b>	<b>100.0 (†)</b>	<b>100.0 (†)</b>	<b>100.0 (†)</b>
<b>Sex</b>														
Male	685 (6.8)	719 (11.2)	754 (10.7)	813 (13.3)	821 (20.4)	802 (22.2)	897 (18.1)	29.5 (0.22)	28.1 (0.31)	25.1 (0.30)	25.0 (0.32)	24.1 (0.47)	23.7 (0.49)	23.4 (0.34)
Female	1,638 (10.1)	1,840 (14.7)	2,248 (16.0)	2,438 (23.5)	2,584 (34.6)	2,584 (30.5)	2,930 (39.1)	70.5 (0.22)	71.9 (0.31)	74.9 (0.30)	75.0 (0.32)	75.9 (0.47)	76.3 (0.49)	76.6 (0.34)
<b>Race/ethnicity</b>														
White <sup>1</sup>	2,018 (12.6)	2,214 (20.0)	2,532 (17.2)	2,702 (30.1)	2,829 (38.7)	2,773 (30.5)	3,067 (41.9)	86.9 (0.24)	86.5 (0.29)	84.3 (0.30)	83.1 (0.53)	83.1 (0.53)	81.9 (0.53)	80.1 (0.34)
Black <sup>1</sup>	191 (4.6)	212 (6.4)	228 (6.0)	257 (11.0)	239 (15.8)	231 (12.1)	256 (8.8)	8.2 (0.19)	8.3 (0.25)	7.6 (0.19)	7.9 (0.34)	7.0 (0.45)	6.8 (0.31)	6.7 (0.21)
Hispanic <sup>1</sup>	69 (2.6)	87 (4.5)	169 (6.4)	202 (11.3)	240 (16.6)	264 (13.4)	338 (9.2)	3.0 (0.11)	3.4 (0.17)	5.6 (0.20)	6.2 (0.34)	7.1 (0.46)	7.8 (0.37)	8.8 (0.22)
Asian <sup>1,2</sup>	21 (1.1)	27 (1.7)	48 (2.7)	42 (2.5)	42 (7.2)	61 (7.3)	86 (3.9)	0.9 (0.05)	1.0 (0.06)	1.6 (0.09)	1.3 (0.08)	1.2 (0.21)	1.8 (0.21)	2.3 (0.09)
Pacific Islander	— (†)	— (†)	— (†)	6 (0.8)	6 (1.3)	5 (1.4)	9 (1.1)	— (†)	— (†)	— (†)	0.2 (0.03)	0.2 (0.04)	0.1 (0.04)	0.2 (0.03)
American Indian/ Alaska Native <sup>1</sup>	24 (1.3)	20 (1.4)	26 (1.9)	17 (1.2)	17 (1.9)	17 (2.9)	17 (1.5)	1.0 (0.06)	0.8 (0.05)	0.9 (0.06)	0.5 (0.04)	0.5 (0.06)	0.5 (0.08)	0.4 (0.04)
Two or more races	— (†)	— (†)	— (†)	24 (2.2)	31 (2.9)	35 (3.7)	54 (2.8)	— (†)	— (†)	— (†)	0.7 (0.07)	0.9 (0.09)	1.0 (0.11)	1.4 (0.07)
<b>Age</b>														
Under 30	313 (5.0)	257 (5.7)	509 (9.2)	540 (27.4)	612 (22.4)	518 (15.9)	574 (11.4)	13.5 (0.19)	10.0 (0.23)	17.0 (0.28)	16.6 (0.84)	18.0 (0.61)	15.3 (0.44)	15.0 (0.23)
30 to 39	823 (7.7)	684 (10.8)	661 (9.8)	798 (14.5)	898 (16.8)	979 (19.3)	1,090 (17.0)	35.4 (0.30)	26.7 (0.35)	22.0 (0.29)	24.5 (0.38)	26.4 (0.39)	28.9 (0.53)	28.5 (0.28)
40 to 49	762 (7.4)	1,034 (13.3)	953 (10.3)	840 (14.3)	808 (19.2)	849 (19.2)	1,050 (17.7)	32.8 (0.25)	40.4 (0.37)	31.8 (0.32)	25.9 (0.38)	23.7 (0.47)	25.1 (0.51)	27.4 (0.29)
50 to 59	357 (5.7)	477 (8.6)	786 (12.6)	942 (26.0)	879 (21.1)	783 (20.5)	823 (14.4)	15.4 (0.23)	18.7 (0.29)	26.2 (0.35)	29.0 (0.74)	25.8 (0.51)	23.1 (0.49)	21.5 (0.23)
60 and over	68 (2.5)	107 (4.1)	93 (4.0)	131 (4.8)	207 (10.3)	256 (13.2)	290 (7.5)	2.9 (0.11)	4.2 (0.16)	3.1 (0.13)	4.0 (0.14)	6.1 (0.29)	7.6 (0.34)	7.6 (0.17)
<b>Highest degree earned</b>														
Less than bachelor's	15 (1.0)	17 (1.2)	20 (1.3)	35 (2.5)	27 (2.1)	128 (8.6)	93 (3.7)	0.7 (0.04)	0.7 (0.05)	0.7 (0.04)	1.1 (0.08)	0.8 (0.06)	3.8 (0.24)	2.4 (0.10)
Bachelor's	1,214 (9.8)	1,327 (11.7)	1,560 (15.8)	1,651 (22.8)	1,612 (28.8)	1,350 (21.1)	1,550 (23.4)	52.3 (0.28)	51.9 (0.31)	52.0 (0.40)	50.8 (0.56)	47.4 (0.59)	39.9 (0.52)	40.5 (0.34)
Master's	932 (8.5)	1,077 (13.5)	1,257 (13.9)	1,331 (21.7)	1,517 (27.8)	1,614 (29.1)	1,812 (26.3)	40.1 (0.30)	42.1 (0.34)	41.9 (0.38)	40.9 (0.56)	44.5 (0.55)	47.7 (0.57)	47.3 (0.34)
Education specialist <sup>3</sup>	146 (3.4)	118 (5.3)	143 (5.8)	195 (6.8)	218 (8.6)	257 (9.7)	323 (8.8)	6.3 (0.14)	4.6 (0.20)	4.7 (0.17)	6.0 (0.19)	6.4 (0.25)	7.6 (0.27)	8.4 (0.18)
Doctor's	16 (1.2)	20 (1.7)	22 (1.8)	38 (3.5)	30 (2.7)	37 (4.0)	49 (3.1)	0.7 (0.05)	0.8 (0.07)	0.7 (0.06)	1.2 (0.11)	0.9 (0.08)	1.1 (0.11)	1.3 (0.08)
<b>Years of teaching experience</b>														
Less than 3	145 (3.2)	185 (4.8)	325 (7.7)	339 (36.6)	392 (18.1)	244 (8.5)	380 (8.8)	6.2 (0.14)	7.2 (0.19)	10.8 (0.24)	10.4 (1.13)	11.5 (0.48)	7.2 (0.24)	9.9 (0.19)
3 to 9	568 (6.3)	596 (9.4)	854 (12.3)	1,043 (14.1)	1,125 (19.6)	1,104 (20.6)	1,083 (17.1)	24.4 (0.22)	23.3 (0.30)	28.5 (0.37)	32.1 (0.33)	33.0 (0.52)	32.6 (0.52)	28.3 (0.30)
10 to 20	1,072 (8.7)	1,056 (11.8)	865 (10.1)	946 (21.5)	1,017 (24.3)	1,265 (21.0)	1,504 (23.0)	46.1 (0.27)	41.3 (0.35)	28.8 (0.33)	29.1 (0.58)	29.9 (0.57)	37.4 (0.53)	39.3 (0.31)
Over 20	539 (6.1)	721 (10.6)	958 (13.5)	922 (27.9)	871 (23.9)	772 (23.8)	860 (15.8)	23.2 (0.23)	28.2 (0.30)	31.9 (0.36)	28.4 (0.81)	25.6 (0.62)	22.8 (0.54)	22.5 (0.27)
<b>Level of instruction<sup>4</sup></b>														
<b>Elementary</b>														
General	1,292 (9.5)	1,442 (11.8)	1,602 (13.5)	1,716 (25.8)	1,725 (37.1)	1,726 (20.2)	1,908 (41.2)	55.6 (0.33)	56.3 (0.40)	53.3 (0.42)	52.8 (0.66)	50.7 (0.91)	51.0 (0.65)	49.8 (0.96)
Arts/music	788 (7.4)	887 (10.6)	1,042 (12.5)	1,130 (29.8)	1,100 (26.5)	1,078 (22.1)	1,166 (27.4)	33.9 (0.29)	34.6 (0.39)	34.7 (0.41)	34.8 (0.86)	32.3 (0.70)	31.8 (0.71)	30.5 (0.65)
English	116 (3.0)	110 (4.3)	99 (3.7)	101 (5.3)	103 (6.6)	82 (5.4)	108 (4.5)	5.0 (0.13)	4.3 (0.17)	3.3 (0.12)	3.1 (0.17)	3.0 (0.19)	2.4 (0.16)	2.8 (0.11)
ESL/bilingual	60 (2.3)	72 (3.8)	66 (3.8)	70 (5.1)	104 (9.9)	92 (6.9)	138 (5.2)	2.6 (0.10)	2.8 (0.14)	2.2 (0.13)	2.2 (0.16)	3.0 (0.29)	2.7 (0.21)	3.6 (0.13)
Health/physical ed	18 (1.1)	20 (1.3)	28 (1.8)	25 (3.6)	24 (3.3)	51 (6.8)	53 (3.1)	0.8 (0.05)	0.8 (0.05)	0.9 (0.06)	0.8 (0.11)	0.7 (0.10)	1.5 (0.20)	1.4 (0.08)
Mathematics	56 (2.0)	66 (3.2)	57 (3.5)	73 (5.0)	63 (6.0)	79 (8.1)	70 (3.2)	2.4 (0.09)	2.6 (0.12)	1.9 (0.12)	2.2 (0.15)	1.8 (0.18)	2.3 (0.23)	1.8 (0.08)
Science	31 (2.0)	30 (1.9)	23 (2.4)	19 (2.3)	28 (3.8)	32 (6.5)	42 (2.6)	1.3 (0.09)	1.2 (0.08)	0.8 (0.08)	0.6 (0.07)	0.8 (0.11)	0.9 (0.19)	1.1 (0.07)
Special education	18 (1.5)	21 (1.9)	11 (1.3)	19 (3.0)	15 (3.4)	18 (3.3)	25 (1.9)	0.8 (0.06)	0.8 (0.07)	0.4 (0.04)	0.6 (0.09)	0.4 (0.10)	0.5 (0.10)	0.7 (0.05)
Other elementary	168 (3.9)	176 (5.9)	227 (5.6)	240 (20.6)	230 (13.0)	239 (10.3)	247 (6.9)	7.2 (0.16)	6.9 (0.23)	7.6 (0.18)	7.4 (0.63)	6.7 (0.37)	7.1 (0.31)	6.4 (0.16)
Secondary	37 (2.4)	60 (3.2)	49 (3.5)	40 (3.5)	58 (4.2)	55 (5.2)	59 (3.1)	1.6 (0.10)	2.4 (0.12)	1.6 (0.12)	1.2 (0.11)	1.7 (0.12)	1.6 (0.15)	1.5 (0.08)
<b>Secondary</b>														
Arts/music	1,031 (10.5)	1,118 (16.5)	1,401 (17.7)	1,534 (26.0)	1,680 (39.0)	1,659 (37.8)	1,920 (47.2)	44.4 (0.33)	43.7 (0.40)	46.7 (0.42)	47.2 (0.66)	49.3 (0.91)	49.0 (0.65)	50.2 (0.96)
English	73 (2.0)	74 (2.3)	110 (3.4)	112 (4.1)	121 (6.2)	121 (5.6)	150 (5.3)	3.1 (0.09)	2.9 (0.08)	3.7 (0.11)	3.4 (0.12)	3.6 (0.18)	3.6 (0.14)	3.9 (0.13)
ESL/bilingual	171 (3.2)	195 (5.1)	245 (5.1)	269 (9.0)	306 (10.0)	289 (9.9)	339 (9.1)	7.4 (0.12)	7.6 (0.18)	8.2 (0.15)	8.3 (0.27)	9.0 (0.27)	8.5 (0.25)	8.9 (0.20)
Foreign language	6 (0.5)	10 (0.7)	16 (1.2)	18 (2.5)	21 (2.5)	20 (2.4)	25 (1.9)	0.3 (0.02)	0.4 (0.03)	0.5 (0.04)	0.6 (0.08)	0.6 (0.07)	0.6 (0.07)	0.7 (0.05)
Health/physical ed	43 (1.2)	52 (2.4)	71 (2.4)	73 (3.3)	78 (5.0)	88 (4.5)	95 (4.0)	1.9 (0.05)	2.0 (0.09)	2.4 (0.08)	2.3 (0.10)	2.3 (0.14)	2.6 (0.12)	2.5 (0.10)
Mathematics	76 (2.4)	76 (2.2)	99 (3.1)	102 (4.3)	119 (5.7)	101 (3.9)	108 (3.7)	3.3 (0.10)	3.0 (0.08)	3.3 (0.10)	3.1 (0.12)	3.5 (0.16)	3.0 (0.11)	2.8 (0.09)
Science	139 (2.5)	155 (4.3)	207 (4.5)	213 (5.5)	252 (9.1)	250 (7.5)	281 (8.4)	6.0 (0.10)	6.0 (0.15)	6.9 (0.14)	6.5 (0.17)	7.4 (0.25)	7.4 (0.19)	7.3 (0.18)
Social studies	115 (2.9)	128 (4.0)	169 (4.0)	189 (6.8)	195 (8.3)	209 (6.1)	232 (6.5)	4.9 (0.11)	5.0 (0.15)	5.6 (0.12)	5.8 (0.20)	5.7 (0.24)	6.2 (0.16)	6.1 (0.15)
Special education	118 (2.4)	124 (3.3)	163 (4.4)	178 (5.7)	209 (9.9)	197 (6.3)	232 (7.5)	5.1 (0.10)	4.8 (0.12)	5.4 (0.14)	5.5 (0.16)	6.1 (0.27)	5.8 (0.16)	6.1 (0.17)
Vocational/technical	100 (2.2)	113 (3.5)	113 (2.8)	174 (7.5)	165 (9.7)	191 (12.2)	207 (6.0)	4.3 (0.09)	4.4 (0.13)	3.8 (0.09)	5.4 (0.23)	4.9 (0.28)	5.7 (0.32)	5.4 (0.14)
Other secondary	166 (3.0)	160 (3.7)	161 (3.5)	169 (5.7)	164 (6.3)	147 (5.7)	172 (6.5)	7.1 (0.12)	6.3 (0.12)	5.4 (0.10)	5.2 (0.17)	4.8 (0.17)	4.3 (0.16)	4.5 (0.15)
Other secondary	25 (1.3)	30 (1.5)	47 (2.0)	36 (2.1)	47 (3.4)	46 (4.0)	80 (3.4)	1.1 (0.06)	1.2 (0.06)	1.6 (0.07)	1.1 (0.06)	1.4 (0.10)	1.4 (0.12)	2.1 (0.09)

See notes at end of table.

**Table 209.10. Number and percentage distribution of teachers in public and private elementary and secondary schools, by selected teacher characteristics: Selected years, 1987–88 through 2015–16—Continued**

[Standard errors appear in parentheses]

Selected teacher characteristic	Number of teachers (in thousands)							Percentage distribution of teachers						
	1987–88	1990–91	1999–2000	2003–04	2007–08	2011–12	2015–16	1987–88	1990–91	1999–2000	2003–04	2007–08	2011–12	2015–16
	2	3	4	5	6	7	8	9	10	11	12	13	14	15
<b>Private schools</b>														
<b>Total</b> .....	<b>307 (8.5)</b>	<b>356 (7.2)</b>	<b>449 (10.6)</b>	<b>467 (10.3)</b>	<b>490 (9.2)</b>	<b>465 (11.1)</b>	— (†)	<b>100.0 (†)</b>	<b>100.0 (†)</b>	<b>100.0 (†)</b>	<b>100.0 (†)</b>	<b>100.0 (†)</b>	<b>100.0 (†)</b>	— (†)
<b>Sex</b>														
Male .....	67 (3.3)	82 (3.3)	107 (3.8)	110 (8.4)	127 (4.6)	117 (6.9)	— (†)	21.8 (0.86)	22.9 (0.74)	23.9 (0.48)	23.6 (1.93)	26.0 (0.78)	25.2 (1.33)	— (†)
Female .....	240 (7.2)	275 (5.8)	342 (7.7)	357 (14.3)	362 (7.7)	348 (10.1)	— (†)	78.2 (0.86)	77.1 (0.74)	76.1 (0.48)	76.4 (1.93)	74.0 (0.78)	74.8 (1.33)	— (†)
<b>Race/ethnicity</b>														
White <sup>1</sup> .....	285 (8.3)	329 (7.0)	402 (9.6)	411 (12.0)	423 (8.8)	411 (11.1)	— (†)	92.8 (0.50)	92.2 (0.46)	89.5 (0.42)	88.0 (0.99)	86.4 (0.80)	88.3 (0.69)	— (†)
Black <sup>1</sup> .....	7 (0.8)	9 (1.0)	17 (1.4)	19 (2.9)	20 (2.2)	17 (2.4)	— (†)	2.3 (0.27)	2.7 (0.28)	3.7 (0.29)	4.0 (0.65)	4.0 (0.44)	3.6 (0.54)	— (†)
Hispanic <sup>1</sup> .....	9 (1.1)	12 (1.0)	21 (1.5)	23 (3.1)	29 (2.1)	24 (2.4)	— (†)	2.8 (0.36)	3.3 (0.26)	4.7 (0.30)	4.8 (0.71)	5.9 (0.38)	5.2 (0.51)	— (†)
Asian <sup>1,2</sup> .....	4 (0.8)	5 (0.6)	7 (0.6)	9 (1.0)	11 (1.5)	9 (1.4)	— (†)	1.2 (0.26)	1.5 (0.18)	1.6 (0.14)	1.8 (0.20)	2.2 (0.29)	1.8 (0.31)	— (†)
Pacific Islander .....	— (†)	— (†)	— (†)	‡ (†)	‡ (†)	‡ (†)	— (†)	— (†)	— (†)	— (†)	0.2! (0.07)	0.3! (0.14)	‡ (†)	— (†)
American Indian/Alaska Native <sup>1</sup> .....	3 (0.4)	1 (0.3)	2 (0.4)	‡ (†)	‡ (†)	‡ (†)	— (†)	0.9 (0.12)	0.4 (0.09)	0.6 (0.08)	‡ (†)	‡ (†)	‡ (†)	— (†)
Two or more races .....	— (†)	— (†)	— (†)	3! (1.4)	4 (0.6)	4 (0.9)	— (†)	— (†)	— (†)	— (†)	0.6! (0.28)	0.7 (0.12)	0.8 (0.19)	— (†)
<b>Age</b>														
Under 30 .....	67 (2.6)	60 (2.2)	87 (3.1)	88 (3.7)	80 (3.9)	78 (6.8)	— (†)	21.8 (0.77)	16.7 (0.61)	19.3 (0.43)	18.9 (0.78)	16.3 (0.67)	16.7 (1.48)	— (†)
30 to 39 .....	106 (3.6)	100 (4.0)	101 (3.2)	103 (5.8)	109 (5.2)	112 (6.2)	— (†)	34.5 (0.81)	28.1 (0.78)	22.4 (0.50)	22.0 (1.36)	22.3 (0.91)	24.0 (1.07)	— (†)
40 to 49 .....	84 (3.4)	121 (3.1)	131 (4.2)	119 (7.1)	116 (3.6)	110 (6.3)	— (†)	27.4 (0.78)	33.9 (0.74)	29.2 (0.62)	25.4 (1.41)	23.8 (0.65)	23.8 (1.06)	— (†)
50 to 59 .....	34 (2.2)	53 (2.3)	106 (3.2)	121 (11.1)	128 (4.5)	99 (5.0)	— (†)	11.1 (0.57)	14.8 (0.55)	23.5 (0.46)	25.8 (2.07)	26.2 (0.87)	21.3 (1.06)	— (†)
60 and over .....	16 (1.7)	23 (1.6)	25 (1.2)	37 (4.7)	56 (3.1)	66 (5.0)	— (†)	5.3 (0.49)	6.4 (0.41)	5.7 (0.24)	8.0 (0.99)	11.5 (0.62)	14.2 (1.05)	— (†)
<b>Highest degree earned</b>														
Less than bachelor's .....	13 (1.4)	23 (1.6)	33 (2.3)	43! (21.5)	40 (2.9)	39 (5.2)	— (†)	4.4 (0.42)	6.4 (0.45)	7.3 (0.46)	9.2! (4.41)	8.1 (0.58)	8.4 (1.07)	— (†)
Bachelor's .....	189 (5.1)	221 (5.7)	258 (5.8)	259 (11.2)	264 (6.8)	225 (6.7)	— (†)	61.4 (0.75)	61.9 (0.90)	57.5 (0.64)	55.5 (2.90)	53.9 (0.95)	48.5 (1.37)	— (†)
Master's .....	92 (3.8)	96 (3.1)	136 (4.5)	138 (6.1)	161 (5.3)	166 (7.5)	— (†)	29.8 (0.73)	27.0 (0.71)	30.3 (0.58)	29.5 (1.35)	32.8 (0.84)	35.8 (1.16)	— (†)
Education specialist <sup>3</sup> .....	9 (0.9)	11 (0.9)	14 (1.0)	17 (2.4)	14 (1.3)	23 (2.3)	— (†)	3.0 (0.30)	2.9 (0.24)	3.1 (0.19)	3.6 (0.54)	2.8 (0.25)	5.0 (0.48)	— (†)
Doctor's .....	4 (0.7)	6 (0.8)	8 (0.8)	10 (1.2)	12 (1.9)	11 (2.0)	— (†)	1.5 (0.23)	1.8 (0.22)	1.8 (0.16)	2.2 (0.26)	2.4 (0.38)	2.3 (0.41)	— (†)
<b>Years of teaching experience</b>														
Less than 3 .....	38 (1.4)	47 (1.8)	73 (3.0)	71 (17.5)	72 (4.8)	52 (7.1)	— (†)	12.4 (0.44)	13.2 (0.47)	16.3 (0.44)	15.2 (3.50)	14.7 (0.92)	11.2 (1.54)	— (†)
3 to 9 .....	111 (3.4)	123 (3.6)	144 (4.1)	162 (7.1)	163 (5.9)	150 (6.3)	— (†)	36.1 (0.85)	34.6 (0.67)	32.0 (0.56)	34.6 (1.65)	33.2 (1.05)	32.3 (1.07)	— (†)
10 to 20 .....	109 (4.3)	122 (3.9)	137 (4.1)	130 (7.3)	133 (4.8)	147 (7.6)	— (†)	35.6 (0.78)	34.4 (0.77)	30.6 (0.54)	27.9 (1.63)	27.1 (0.83)	31.6 (1.38)	— (†)
Over 20 .....	49 (2.8)	63 (2.8)	95 (2.8)	105 (7.0)	122 (4.7)	116 (7.2)	— (†)	15.8 (0.65)	17.8 (0.73)	21.2 (0.47)	22.4 (1.62)	24.9 (0.88)	24.9 (1.44)	— (†)
<b>Level of instruction<sup>4</sup></b>														
Elementary .....	179 (5.6)	225 (4.7)	261 (5.8)	263 (17.5)	258 (6.5)	245 (9.3)	— (†)	58.3 (0.92)	63.2 (0.72)	58.1 (0.66)	56.4 (3.06)	52.8 (1.03)	52.8 (1.67)	— (†)
Secondary .....	128 (4.7)	131 (4.0)	188 (6.2)	204 (13.4)	231 (7.1)	219 (9.9)	— (†)	41.7 (0.92)	36.8 (0.72)	41.9 (0.66)	43.6 (3.06)	47.2 (1.03)	47.2 (1.67)	— (†)

—Not available.

†Not applicable.

!Interpret data with caution. The coefficient of variation (CV) for this estimate is between 30 and 50 percent.

‡Reporting standards not met. Either there are too few cases for a reliable estimate or the coefficient of variation (CV) is 50 percent or greater.

<sup>1</sup>Data for years 1987–88 through 1999–2000 are only roughly comparable to data for later years, because the new category of Two or more races was introduced in 2003–04.

<sup>2</sup>Includes Pacific Islander for years 1987–88 through 1999–2000.

<sup>3</sup>Education specialist degrees or certificates are generally awarded for 1 year's work beyond the master's level. Includes certificate of advanced graduate studies.

<sup>4</sup>Teachers were classified as elementary or secondary on the basis of the grades they taught, rather than on the level of the school in which they taught. In general, elementary teachers include those teaching prekindergarten through grade 6 and those

teaching multiple grades, with a preponderance of grades taught being kindergarten through grade 6. In general, secondary teachers include those teaching any of grades 7 through 12 and those teaching multiple grades, with a preponderance of grades taught being grades 7 through 12 and usually with no grade taught being lower than grade 5.

NOTE: Excludes prekindergarten teachers. Data are based on a head count of full-time and part-time teachers rather than on the number of full-time-equivalent teachers reported in other tables. Detail may not sum to totals because of rounding and cell suppression. Race categories exclude persons of Hispanic ethnicity.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Schools and Staffing Survey (SASS), "Public School Teacher Data File," 1987–88 through 2011–12; "Private School Teacher Data File," 1987–88 through 2011–12; and "Charter School Teacher Data File," 1999–2000; and National Teacher and Principal Survey (NTPS), "Public School Teacher Data File," 2015–16. (This table was prepared September 2017.)

**Table 209.20. Number, highest degree, and years of teaching experience of teachers in public and private elementary and secondary schools, by selected teacher characteristics: Selected years, 1999–2000 through 2015–16**

[Standard errors appear in parentheses]

Selected teacher characteristic	Number of teachers (in thousands)				Percent of teachers, by highest degree earned					Percent of teachers, by years of full-time and part-time teaching experience							
	1999–2000	2007–08	2011–12	2015–16	Less than bachelor's	Bachelor's	Master's	Education specialist <sup>1</sup>	Doctor's	Less than 3	3 to 9	10 to 20	Over 20				
1	2	3	4	5	6	7	8	9	10	11	12	13	14				
<b>Public schools</b>	2015–16																
<b>Total</b>	<b>3,002 (19.4)</b>	<b>3,405 (44.0)</b>	<b>3,385 (41.4)</b>	<b>3,827 (49.5)</b>	<b>2.4 (0.10)</b>	<b>40.5 (0.34)</b>	<b>47.3 (0.34)</b>	<b>8.4 (0.18)</b>	<b>1.3 (0.08)</b>	<b>9.9 (0.19)</b>	<b>28.3 (0.30)</b>	<b>39.3 (0.31)</b>	<b>22.5 (0.27)</b>				
Sex																	
Male	754 (10.7)	821 (20.4)	802 (22.2)	897 (18.1)	4.1 (0.27)	40.9 (0.64)	46.1 (0.67)	6.8 (0.32)	2.1 (0.19)	10.1 (0.36)	28.7 (0.54)	38.2 (0.58)	23.0 (0.48)				
Female	2,248 (16.0)	2,584 (34.6)	2,583 (30.5)	2,930 (39.1)	1.9 (0.09)	40.4 (0.40)	47.7 (0.39)	9.0 (0.21)	1.0 (0.07)	9.9 (0.21)	28.2 (0.33)	39.6 (0.35)	22.3 (0.30)				
Race/ethnicity																	
White	2,532 (17.2) <sup>2</sup>	2,829 (38.7)	2,773 (30.5)	3,067 (41.9)	2.5 (0.11)	39.7 (0.37)	48.5 (0.41)	8.1 (0.20)	1.2 (0.08)	9.2 (0.20)	27.6 (0.34)	39.3 (0.33)	23.9 (0.31)				
Black	228 (6.0) <sup>2</sup>	239 (15.8)	231 (12.1)	256 (8.8)	‡ (†)	45.1 (6.16)	42.8 (6.25)	9.6! (4.08)	‡ (†)	14.2 (4.04)	27.5 (5.50)	41.3 (6.07)	17.0 (4.43)				
Hispanic	169 (6.4) <sup>2</sup>	240 (16.6)	263 (13.4)	338 (9.2)	2.0 (0.28)	50.8 (1.11)	39.1 (1.03)	6.9 (0.60)	1.2 (0.24)	13.1 (0.73)	31.7 (0.98)	40.4 (1.11)	14.7 (0.78)				
Asian	48 (2.7) <sup>3</sup>	42 (7.2)	61 (7.3)	86 (3.9)	1.5! (0.51)	35.4 (2.09)	50.4 (2.22)	11.5 (1.54)	1.2! (0.41)	10.7 (1.25)	35.3 (2.20)	37.9 (2.21)	16.1 (1.57)				
Pacific Islander	— (†)	6 (1.3)	5 (1.4)	9 (1.1)	2.2 (0.32)	36.9 (1.23)	44.5 (1.19)	14.0 (0.94)	2.4 (0.39)	12.4 (0.77)	29.9 (1.13)	38.6 (1.21)	19.2 (0.93)				
American Indian/Alaska Native	26 (1.9) <sup>2</sup>	17 (1.9)	17 (2.9)	17 (1.5)	7.3! (2.22)	43.5 (4.40)	40.5 (3.98)	7.9! (2.72)	‡ (†)	11.0 (2.66)	26.7 (3.76)	36.7 (3.78)	25.7 (3.95)				
Two or more races	— (†)	31 (2.9)	35 (3.8)	54 (2.8)	2.5! (0.78)	42.4 (2.73)	46.2 (2.53)	6.9 (1.40)	2.1! (0.71)	16.8 (1.87)	30.5 (2.18)	36.4 (2.52)	16.3 (1.83)				
Age																	
Under 30	509 (9.2)	612 (22.4)	518 (15.9)	574 (11.4)	2.5 (0.24)	66.5 (0.74)	28.2 (0.73)	2.6 (0.24)	0.2! (0.08)	39.7 (0.77)	60.3 (0.76)	‡ (†)	‡ (†)				
30 to 39	661 (9.8)	898 (16.8)	979 (19.3)	1,090 (17.0)	1.8 (0.15)	37.9 (0.56)	52.2 (0.59)	7.3 (0.30)	0.7 (0.09)	7.3 (0.28)	43.4 (0.60)	49.3 (0.60)	‡ (†)				
40 to 49	953 (10.3)	808 (19.2)	849 (19.2)	1,050 (17.7)	2.7 (0.18)	35.0 (0.58)	51.3 (0.61)	9.7 (0.37)	1.3 (0.13)	4.4 (0.22)	15.8 (0.43)	57.7 (0.57)	22.1 (0.47)				
50 to 59	786 (12.6)	879 (21.1)	783 (20.5)	823 (14.4)	2.7 (0.19)	35.6 (0.66)	49.4 (0.70)	10.5 (0.40)	1.9 (0.18)	2.7 (0.20)	9.5 (0.40)	34.4 (0.65)	53.3 (0.69)				
60 and over	93 (4.0)	207 (10.3)	256 (13.2)	290 (7.5)	3.0 (0.38)	32.7 (1.11)	46.7 (1.13)	13.8 (0.83)	3.8 (0.43)	1.4 (0.26)	6.7 (0.55)	26.5 (1.03)	65.3 (1.07)				
Level of instruction <sup>4</sup>																	
Elementary	1,602 (13.5)	1,725 (37.1)	1,726 (20.2)	1,908 (41.2)	1.7 (0.12)	43.3 (0.54)	45.7 (0.53)	8.5 (0.27)	0.8 (0.09)	10.1 (0.29)	28.3 (0.43)	39.3 (0.44)	22.3 (0.37)				
General	1,019 (13.6)	1,100 (26.5)	1,078 (22.1)	1,166 (27.4)	1.7 (0.16)	45.7 (0.68)	44.6 (0.66)	7.3 (0.35)	0.6 (0.10)	10.1 (0.38)	28.3 (0.55)	40.0 (0.63)	21.6 (0.48)				
Arts/music	[‡] (†)	103 (6.6)	82 (5.4)	108 (4.5)	1.4! (0.43)	46.6 (1.95)	45.8 (2.00)	4.2 (0.77)	2.0 (0.56)	9.3 (1.12)	25.7 (1.64)	37.8 (1.73)	27.2 (1.66)				
English	33 (2.8)	104 (9.9)	92 (6.9)	138 (5.2)	1.5 (0.42)	37.4 (1.52)	46.1 (1.62)	13.9 (1.17)	1.1! (0.40)	8.4 (0.91)	25.8 (1.51)	37.9 (1.63)	27.8 (1.41)				
ESL/bilingual	[‡] (†)	24 (3.3)	51 (6.8)	53 (3.1)	‡ (†)	35.6 (2.82)	49.1 (2.65)	13.8 (1.99)	‡ (†)	‡ (†)	29.2 (2.41)	40.2 (2.83)	19.3 (1.95)				
Health/physical ed.	[‡] (†)	63 (6.0)	79 (8.1)	70 (3.2)	2.4 (0.61)	52.2 (2.23)	40.8 (2.26)	4.3 (0.88)	‡ (†)	9.6 (1.26)	21.6 (1.94)	39.5 (2.17)	29.3 (2.25)				
Mathematics	26 (2.5)	28 (3.8)	32 (6.5)	42 (2.6)	‡ (†)	46.4 (3.08)	41.9 (3.09)	9.7 (1.75)	‡ (†)	10.0 (1.65)	27.7 (2.83)	39.8 (2.85)	22.5 (2.61)				
Science	[‡] (†)	15 (3.4)	18 (3.3)	25 (1.9)	2.5! (1.12)	49.5 (3.51)	39.0 (3.49)	8.7 (2.11)	‡ (†)	‡ (†)	26.1 (3.01)	39.7 (3.60)	23.2 (3.13)				
Special education	210 (5.8)	230 (13.0)	239 (10.3)	247 (6.9)	1.3 (0.29)	35.5 (1.13)	50.3 (1.18)	12.5 (0.79)	0.4! (0.17)	11.6 (0.77)	33.4 (1.18)	36.6 (1.18)	18.5 (0.96)				
Other elementary	314 (8.4)	58 (4.2)	55 (5.2)	59 (3.1)	2.7 (0.72)	28.2 (2.40)	56.0 (2.75)	11.2 (1.69)	1.9! (0.75)	9.8 (1.44)	26.6 (2.34)	41.2 (2.42)	22.5 (1.93)				
Secondary	1,401 (17.7)	1,680 (39.0)	1,659 (37.8)	1,920 (47.2)	3.2 (0.15)	37.7 (0.46)	48.9 (0.48)	8.3 (0.24)	1.8 (0.12)	9.7 (0.26)	28.3 (0.41)	39.3 (0.41)	22.7 (0.37)				
Arts/music	[‡] (†)	121 (6.2)	121 (5.6)	150 (5.3)	2.3 (0.43)	45.4 (1.54)	44.9 (1.53)	5.7 (0.70)	1.6 (0.33)	9.3 (0.76)	29.0 (1.38)	34.7 (1.52)	26.9 (1.37)				
English	235 (5.0)	306 (10.0)	289 (9.9)	339 (9.1)	1.5 (0.24)	37.9 (0.93)	50.0 (0.95)	8.7 (0.57)	1.8 (0.28)	9.7 (0.56)	29.6 (0.95)	41.2 (1.03)	19.4 (0.82)				
ESL/bilingual	[‡] (†)	21 (2.5)	20 (2.4)	25 (1.9)	‡ (†)	29.7 (3.40)	49.3 (3.82)	18.8 (2.85)	‡ (†)	13.4 (2.54)	28.7 (3.35)	35.3 (3.56)	22.6 (3.20)				
Foreign language	[‡] (†)	78 (5.0)	88 (4.5)	95 (4.0)	1.9 (0.48)	32.5 (1.75)	55.3 (1.79)	7.2 (0.85)	3.1 (0.69)	9.4 (1.05)	27.4 (1.77)	39.1 (2.04)	24.0 (1.64)				
Health/physical ed.	[‡] (†)	119 (5.7)	101 (3.9)	108 (3.7)	3.4 (0.57)	46.5 (1.60)	43.1 (1.71)	6.2 (1.06)	0.8! (0.34)	6.5 (0.82)	25.1 (1.48)	39.9 (1.87)	28.5 (1.66)				
Mathematics	191 (4.3)	252 (9.1)	250 (7.5)	281 (8.4)	2.1 (0.27)	38.8 (1.00)	50.6 (1.06)	7.1 (0.56)	1.4 (0.23)	9.6 (0.63)	27.8 (0.91)	39.3 (0.99)	23.3 (0.86)				
Science	159 (3.7)	195 (8.3)	209 (6.1)	232 (6.5)	2.6 (0.38)	34.3 (1.13)	53.5 (1.17)	6.6 (0.59)	2.9 (0.41)	10.7 (0.65)	29.4 (0.98)	38.7 (1.15)	21.2 (0.95)				
Social studies	147 (4.3)	209 (9.9)	197 (6.3)	232 (7.5)	2.1 (0.33)	38.1 (1.10)	50.2 (1.14)	7.6 (0.65)	2.0 (0.31)	8.2 (0.64)	27.5 (0.95)	42.6 (1.22)	21.7 (1.05)				
Special education	99 (2.3)	165 (9.7)	191 (12.2)	207 (6.0)	1.9 (0.32)	30.4 (1.28)	51.8 (1.18)	14.1 (0.93)	1.8 (0.32)	10.1 (0.78)	30.0 (1.15)	37.9 (1.19)	22.1 (1.12)				
Vocational/technical	125 (3.2)	164 (6.3)	147 (5.7)	172 (6.5)	13.1 (1.01)	39.7 (1.46)	37.6 (1.51)	8.1 (0.82)	1.4 (0.33)	11.6 (0.80)	25.7 (1.14)	38.5 (1.43)	24.2 (1.11)				
Other secondary	443 (8.5)	47 (3.4)	46 (4.0)	80 (3.4)	4.8 (0.85)	38.4 (1.78)	46.4 (1.80)	9.8 (1.23)	‡ (†)	10.9 (1.17)	28.3 (1.77)	38.5 (1.96)	22.4 (1.61)				

See notes at end of table.

**Table 209.20. Number, highest degree, and years of teaching experience of teachers in public and private elementary and secondary schools, by selected teacher characteristics: Selected years, 1999–2000 through 2015–16—Continued**

[Standard errors appear in parentheses]

Selected teacher characteristic	Number of teachers (in thousands)				Percent of teachers, by highest degree earned					Percent of teachers, by years of full-time and part-time teaching experience			
	1999–2000	2007–08	2011–12	2015–16	Less than bachelor's	Bachelor's	Master's	Education specialist <sup>1</sup>	Doctor's	Less than 3	3 to 9	10 to 20	Over 20
1	2	3	4	5	6	7	8	9	10	11	12	13	14
<b>Private schools</b>													
<b>Total</b>	<b>449 (10.6)</b>	<b>490 (9.2)</b>	<b>465 (11.1)</b>	<b>— (†)</b>	<b>8.4 (1.07)</b>	<b>48.5 (1.37)</b>	<b>35.8 (1.16)</b>	<b>5.0 (0.48)</b>	<b>2.3 (0.41)</b>	<b>11.2 (1.54)</b>	<b>32.3 (1.07)</b>	<b>31.6 (1.38)</b>	<b>24.9 (1.44)</b>
Sex													
Male	107 (3.8)	127 (4.6)	117 (6.9)	— (†)	10.0! (3.00)	40.0 (2.90)	40.1 (3.26)	5.4 (1.09)	4.6 (1.23)	11.2 (2.53)	33.0 (2.28)	28.2 (2.18)	27.5 (3.18)
Female	342 (7.7)	362 (7.7)	348 (10.1)	— (†)	7.9 (0.97)	51.3 (1.53)	34.3 (1.21)	4.9 (0.56)	1.5 (0.41)	11.1 (1.36)	32.0 (1.35)	32.8 (1.70)	24.1 (1.31)
Race/ethnicity													
White	402 (9.6) <sup>2</sup>	423 (8.8)	411 (11.1)	— (†)	8.0 (1.23)	48.1 (1.34)	36.7 (1.20)	5.0 (0.52)	2.2 (0.39)	10.3 (1.51)	31.6 (1.11)	31.5 (1.44)	26.6 (1.50)
Black	17 (1.4) <sup>2</sup>	20 (2.2)	17 (2.4)	— (†)	10.5 (2.50)	53.4 (5.90)	29.1 (5.81)	4.8! (1.50)	† (†)	13.8! (4.99)	34.0 (4.50)	37.9 (5.86)	14.3 (4.15)
Hispanic	21 (1.5) <sup>2</sup>	29 (2.1)	24 (2.4)	— (†)	13.3 (2.67)	47.0 (4.62)	29.5 (5.29)	6.0 (1.79)	† (†)	14.7 (2.76)	40.4 (4.54)	32.6 (5.23)	12.2 (3.49)
Asian	† (†)	11 (1.5)	9 (1.4)	— (†)	† (†)	55.5 (10.22)	27.3 (7.53)	† (†)	† (†)	28.1! (9.81)	37.2 (8.67)	27.2 (6.52)	† (†)
Pacific Islander	† (†)	† (†)	† (†)	— (†)	† (†)	† (†)	† (†)	† (†)	† (†)	† (†)	† (†)	† (†)	† (†)
American Indian/Alaska Native	† (†)	† (†)	† (†)	— (†)	† (†)	† (†)	† (†)	† (†)	† (†)	† (†)	† (†)	† (†)	† (†)
Two or more races	— (†)	4 (0.6)	4 (0.9)	— (†)	12.5! (5.87)	60.2 (11.13)	24.2! (10.48)	† (†)	† (†)	31.4! (11.00)	39.4! (12.06)	14.2! (6.77)	† (†)
Age													
Under 30	87 (3.1)	80 (3.9)	78 (6.8)	— (†)	10.4 (2.29)	63.0 (3.25)	24.7 (2.55)	1.7! (0.59)	† (†)	45.0 (4.41)	55.0 (4.41)	† (†)	† (†)
30 to 39	101 (3.2)	109 (5.2)	112 (6.2)	— (†)	9.2 (2.51)	47.9 (2.57)	38.0 (2.56)	3.9 (0.80)	† (†)	8.4 (1.54)	56.4 (3.34)	35.2 (3.47)	† (†)
40 to 49	131 (4.2)	116 (3.6)	110 (6.3)	— (†)	8.6 (1.57)	45.3 (2.66)	37.7 (2.47)	5.3 (1.26)	3.1! (0.99)	4.1 (0.98)	25.1 (2.37)	54.8 (2.23)	16.1 (1.98)
50 to 59	106 (3.2)	128 (4.5)	99 (5.0)	— (†)	8.1 (1.16)	48.7 (2.50)	33.4 (2.47)	6.1 (1.07)	3.6 (0.82)	2.3 (0.65)	13.2 (1.49)	35.4 (2.17)	49.1 (2.31)
60 and over	25 (1.2)	56 (3.1)	66 (5.0)	— (†)	5.0 (1.23)	37.2 (2.54)	45.5 (3.34)	9.0 (1.84)	3.4! (1.43)	1.0! (0.41)	5.5 (1.16)	18.3 (2.19)	75.3 (2.37)
Level of instruction <sup>4</sup>													
Elementary	261 (5.8)	258 (6.5)	245 (9.3)	— (†)	11.1 (1.88)	53.0 (1.60)	29.3 (1.41)	5.7 (0.67)	0.9! (0.36)	11.3 (1.34)	33.1 (1.48)	32.5 (1.66)	23.1 (1.33)
General	168 (4.0)	163 (3.9)	151 (7.0)	— (†)	12.5 (2.49)	55.4 (2.01)	26.1 (1.64)	5.3 (0.70)	† (†)	10.2 (1.34)	33.5 (2.01)	32.0 (2.22)	24.3 (1.80)
Arts/music	[†] (†)	20 (1.6)	20 (1.8)	— (†)	10.7 (3.04)	59.9 (4.34)	18.6 (2.90)	10.0! (3.66)	† (†)	15.7 (3.72)	30.4 (3.95)	33.0 (5.59)	20.9 (4.83)
English	[†] (†)	13 (1.2)	16 (2.8)	— (†)	† (†)	43.3 (9.17)	43.9 (8.21)	3.2! (1.57)	† (†)	8.6! (3.20)	23.5 (5.59)	34.5 (7.00)	33.4 (5.21)
Health/physical ed.	[†] (†)	14 (1.7)	11 (1.2)	— (†)	8.7! (3.21)	57.1 (6.06)	30.1 (5.80)	† (†)	† (†)	10.6! (4.25)	39.7 (5.73)	30.5 (7.18)	19.3 (3.95)
Mathematics	[†] (†)	7 (1.0)	6 (1.1)	— (†)	† (†)	51.2 (9.03)	38.8 (8.87)	† (†)	† (†)	20.1! (7.30)	36.9 (7.62)	31.0 (8.61)	12.0! (4.51)
Science	[†] (†)	6 (0.8)	5 (1.0)	— (†)	† (†)	39.7 (9.14)	39.9 (10.37)	15.1! (6.05)	† (†)	† (†)	31.8 (8.57)	39.1 (8.22)	21.6! (9.24)
Special education	16 (1.6)	9 (1.0)	10 (1.9)	— (†)	† (†)	29.7 (6.55)	58.3 (7.50)	† (†)	† (†)	12.1 (3.61)	39.3 (8.55)	32.6 (6.91)	16.0! (5.18)
Other elementary	77 (2.2)	27 (2.3)	25 (2.8)	— (†)	11.7 (3.14)	50.8 (4.16)	30.5 (3.48)	4.3! (1.98)	2.7! (1.22)	14.9 (3.83)	32.4 (4.27)	33.8 (3.82)	18.9 (3.09)
Secondary	188 (6.2)	231 (7.1)	219 (9.9)	— (†)	5.4 (0.66)	43.3 (2.28)	43.1 (2.14)	4.4 (0.85)	3.8 (0.73)	10.9 (1.98)	31.4 (1.45)	30.6 (1.72)	27.0 (2.13)
Arts/music	[†] (†)	19 (1.8)	21 (2.2)	— (†)	10.6! (4.00)	36.8 (5.86)	40.6 (7.37)	5.9! (2.68)	† (†)	11.2 (3.26)	29.1 (6.01)	40.8 (5.99)	18.8 (3.86)
English	33 (1.7)	39 (2.8)	39 (4.1)	— (†)	3.1! (0.96)	46.0 (3.81)	41.6 (4.36)	7.5! (2.57)	1.8! (0.87)	8.5 (1.79)	31.9 (4.12)	34.2 (4.72)	25.4 (3.79)
Foreign language	[†] (†)	22 (2.6)	22 (3.5)	— (†)	5.3! (2.42)	34.0 (6.40)	49.9 (5.92)	† (†)	† (†)	15.2! (4.72)	32.0 (6.43)	31.2 (7.08)	21.6 (4.66)
Health/physical ed.	[†] (†)	12 (1.8)	10 (1.8)	— (†)	8.6! (3.75)	47.2 (10.06)	44.1 (9.51)	† (†)	† (†)	† (†)	28.6! (9.04)	31.7 (8.55)	26.1! (9.57)
Mathematics	33 (1.6)	36 (2.6)	38 (5.1)	— (†)	3.5! (1.09)	41.6 (4.57)	48.6 (5.38)	† (†)	4.8! (2.03)	9.6! (3.03)	29.7 (4.03)	26.0 (4.42)	34.7 (5.52)
Science	23 (1.3)	31 (1.9)	28 (2.7)	— (†)	5.0! (2.23)	42.1 (5.15)	45.2 (4.66)	2.5! (1.22)	5.2! (1.97)	11.0 (2.85)	32.4 (5.80)	31.3 (5.94)	25.3 (4.85)
Social studies	19 (1.1)	31 (2.6)	28 (2.9)	— (†)	† (†)	45.4 (5.22)	43.5 (5.25)	3.4! (1.25)	5.4! (2.50)	8.3! (2.53)	28.4 (4.26)	27.3 (4.91)	35.9 (5.93)
Special education	7 (1.0)	6 (1.0)	9 (1.5)	— (†)	2.3! (1.12)	61.0 (6.98)	25.8 (5.34)	9.7! (3.69)	† (†)	14.3! (5.15)	50.5 (6.43)	24.3 (4.81)	10.9! (3.75)
Vocational/ technical	4 (0.6)	5 (0.8)	5 (1.2)	— (†)	† (†)	48.1 (11.53)	26.3! (9.50)	† (†)	† (†)	† (†)	34.3 (9.23)	19.5! (8.26)	38.4! (11.66)
Other secondary	69 (2.6)	29 (2.3)	20 (2.2)	— (†)	10.8 (3.10)	45.6 (5.04)	38.7 (5.24)	† (†)	† (†)	14.7 (3.89)	30.3 (5.15)	29.5 (5.16)	25.6 (6.10)

—Not available.

†Not applicable.

!Interpret data with caution. The coefficient of variation (CV) for this estimate is between 30 and 50 percent.

‡Reporting standards not met. Either there are too few cases for a reliable estimate or the coefficient of variation (CV) is 50 percent or greater.

<sup>1</sup>Education specialist degrees or certificates are generally awarded for 1 year's work beyond the master's level. Includes certificate of advanced graduate studies.

<sup>2</sup>Data for 1999–2000 are only roughly comparable to data for later years, because the new category of Two or more races was introduced in 2003–04.

<sup>3</sup>Includes Pacific Islander.

<sup>4</sup>Teachers were classified as elementary or secondary on the basis of the grades they taught, rather than on the level of the school in which they taught. In general, elementary teachers include those teaching prekindergarten through grade 6 and those

teaching multiple grades, with a preponderance of grades taught being kindergarten through grade 6. In general, secondary teachers include those teaching any of grades 7 through 12 and those teaching multiple grades, with a preponderance of grades taught being grades 7 through 12 and usually with no grade taught being lower than grade 5.

<sup>5</sup>Included under Other elementary.

<sup>6</sup>Included under Other secondary.

NOTE: Excludes prekindergarten teachers. Data are based on a head count of full-time and part-time teachers rather than on the number of full-time-equivalent teachers reported in other tables. Detail may not sum to totals because of rounding and cell suppression. Race categories exclude persons of Hispanic ethnicity.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Schools and Staffing Survey (SASS), "Public School Teacher Data File," 1999–2000, 2003–04, 2007–08, and 2011–12; "Private School Teacher Data File," 1999–2000, 2003–04, 2007–08, and 2011–12; and "Charter School Teacher Data File," 1999–2000; and National Teacher and Principal Survey (NTPS), "Public School Teacher Data File," 2015–16. (This table was prepared September 2017.)

**Table 209.21. Number and percentage distribution of teachers in public traditional and charter elementary and secondary schools, by instructional level and selected teacher and school characteristics: 2015–16**

[Standard errors appear in parentheses]

Selected teacher or school characteristic	Number of teachers (in thousands)								Percentage distribution of teachers							
	Total			Elementary		Secondary			Total			Elementary		Secondary		
	Total	Traditional public	Public charter	Traditional public	Public charter	Traditional public	Public charter	Total	Traditional public	Public charter	Traditional public	Public charter	Traditional public	Public charter		
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15		
<b>Total</b>	<b>3,827 (49.5)</b>	<b>3,609 (46.9)</b>	<b>218 (9.9)</b>	<b>1,798 (40.3)</b>	<b>110 (5.7)</b>	<b>1,811 (45.7)</b>	<b>108 (6.9)</b>	<b>100.0 (†)</b>	<b>100.0 (†)</b>	<b>100.0 (†)</b>	<b>100.0 (†)</b>	<b>100.0 (†)</b>	<b>100.0 (†)</b>	<b>100.0 (†)</b>		
<b>Sex</b>																
Male	897 (18.1)	844 (17.4)	53 (3.2)	191 (6.0)	13 (1.1)	653 (17.8)	40 (3.0)	23.4 (0.34)	23.4 (0.35)	24.4 (0.95)	10.6 (0.26)	11.9 (0.91)	36.1 (0.44)	37.1 (1.45)		
Female	2,930 (39.1)	2,765 (37.2)	165 (7.7)	1,606 (36.8)	97 (5.2)	1,158 (30.8)	68 (4.7)	76.6 (0.34)	76.6 (0.35)	75.6 (0.95)	89.4 (0.26)	88.1 (0.91)	63.9 (0.44)	62.9 (1.45)		
<b>Race/ethnicity</b>																
White	3,067 (41.9)	2,911 (40.4)	155 (7.8)	1,450 (35.1)	79 (4.6)	1,461 (38.0)	76 (5.3)	80.1 (0.34)	80.7 (0.35)	71.2 (1.35)	80.7 (0.55)	72.2 (1.70)	80.7 (0.47)	70.1 (1.93)		
Black	256 (8.8)	235 (8.4)	21 (1.9)	113 (6.6)	10 (1.3)	122 (6.0)	11 (1.2)	6.7 (0.21)	6.5 (0.22)	9.4 (0.79)	6.3 (0.34)	9.1 (1.11)	6.8 (0.30)	9.7 (1.01)		
Hispanic	338 (9.2)	308 (8.8)	31 (2.9)	164 (7.7)	14 (1.6)	144 (6.5)	16 (2.3)	8.8 (0.22)	8.5 (0.23)	14.0 (1.13)	9.1 (0.39)	13.0 (1.28)	7.9 (0.30)	15.1 (1.76)		
Asian	86 (3.9)	81 (3.8)	5 (0.7)	42 (2.8)	3 (0.5)	39 (2.9)	3 (0.5)	2.3 (0.09)	2.2 (0.10)	2.5 (0.33)	2.3 (0.15)	2.5 (0.47)	2.1 (0.15)	2.5 (0.43)		
Pacific Islander	9 (1.1)	8 (1.1)	† (†)	† (†)	† (†)	5 (0.8)	† (†)	0.2 (0.03)	0.2 (0.03)	0.3! (0.10)	0.2 (0.04)	0.3! (0.17)	0.3 (0.04)	0.2! (0.10)		
American Indian/Alaska Native	17 (1.5)	16 (1.5)	† (†)	7 (0.9)	† (†)	9 (1.3)	† (†)	0.4 (0.04)	0.4 (0.04)	0.2! (0.09)	0.4 (0.05)	0.3! (0.12)	0.5 (0.07)	† (†)		
Two or more races	54 (2.8)	49 (2.6)	5 (0.8)	19 (1.9)	3 (0.6)	30 (2.0)	2 (0.4)	1.4 (0.07)	1.4 (0.07)	2.4 (0.34)	1.0 (0.11)	2.6 (0.54)	1.7 (0.10)	2.2 (0.38)		
<b>Age</b>																
Under 30	574 (11.4)	516 (10.7)	58 (3.3)	278 (9.4)	30 (2.1)	238 (7.7)	27 (2.3)	15.0 (0.23)	14.3 (0.24)	26.4 (1.02)	15.5 (0.38)	27.4 (1.51)	13.1 (0.29)	25.3 (1.39)		
30 to 39	1,090 (17.0)	1,020 (16.5)	71 (3.9)	504 (13.5)	37 (2.4)	516 (14.8)	34 (2.6)	28.5 (0.28)	28.3 (0.30)	32.4 (0.93)	28.0 (0.41)	33.6 (1.30)	28.5 (0.43)	31.3 (1.30)		
40 to 49	1,050 (17.7)	1,002 (17.5)	48 (3.0)	500 (13.7)	25 (2.0)	502 (14.1)	24 (2.0)	27.4 (0.29)	27.8 (0.30)	22.0 (0.77)	27.8 (0.44)	22.3 (1.12)	27.7 (0.36)	21.7 (1.17)		
50 to 59	823 (14.4)	794 (14.0)	29 (1.8)	393 (11.3)	13 (1.0)	402 (12.3)	16 (1.4)	21.5 (0.23)	22.0 (0.25)	13.2 (0.63)	21.8 (0.39)	11.8 (0.74)	22.2 (0.33)	14.6 (0.97)		
60 and over	290 (7.5)	277 (7.4)	13 (1.1)	123 (5.2)	5 (0.7)	154 (6.1)	8 (0.9)	7.6 (0.17)	7.7 (0.18)	6.0 (0.43)	6.8 (0.25)	4.9 (0.58)	8.5 (0.24)	7.2 (0.70)		
<b>Highest degree earned</b>																
Less than bachelor's	93 (3.7)	87 (3.7)	6 (0.7)	29 (2.2)	3 (0.5)	58 (3.0)	3 (0.5)	2.4 (0.10)	2.4 (0.10)	2.9 (0.31)	1.6 (0.12)	2.7 (0.44)	3.2 (0.16)	3.1 (0.43)		
Bachelor's	1,550 (23.4)	1,440 (22.2)	110 (5.2)	765 (20.1)	61 (3.9)	675 (19.2)	49 (3.6)	40.5 (0.34)	39.9 (0.36)	50.2 (1.20)	42.6 (0.57)	55.2 (1.73)	37.3 (0.48)	45.2 (1.74)		
Postbaccalaureate	2,113 (32.0)	2,081 (31.1)	31 (5.7)	1,003 (24.7)	46 (3.4)	1,078 (29.0)	56 (4.1)	57.1 (0.34)	57.7 (0.36)	46.8 (1.21)	55.8 (0.59)	42.1 (1.74)	59.5 (0.49)	51.6 (1.71)		
Master's	1,812 (26.3)	1,729 (25.7)	82 (4.7)	834 (20.8)	38 (2.8)	895 (24.2)	44 (3.3)	47.3 (0.34)	47.9 (0.36)	37.6 (1.11)	46.4 (0.56)	34.6 (1.55)	49.4 (0.49)	40.8 (1.54)		
Education specialist <sup>1</sup>	323 (8.8)	306 (8.6)	17 (1.6)	155 (6.2)	8 (1.1)	151 (6.3)	9 (1.2)	8.4 (0.18)	8.5 (0.19)	7.7 (0.59)	8.6 (0.28)	7.1 (0.89)	8.3 (0.26)	8.4 (0.92)		
Doctor's	49 (3.1)	46 (3.0)	3 (0.5)	14 (1.7)	† (†)	32 (2.4)	3 (0.5)	1.3 (0.08)	1.3 (0.08)	1.5 (0.23)	0.8 (0.09)	0.5! (0.24)	1.8 (0.13)	2.5 (0.40)		
<b>Years of teaching experience</b>																
Less than 3	380 (8.8)	340 (8.1)	40 (2.7)	174 (6.4)	20 (1.5)	166 (6.1)	20 (1.8)	9.9 (0.19)	9.4 (0.19)	18.4 (0.84)	9.7 (0.30)	18.0 (1.10)	9.2 (0.26)	18.8 (1.12)		
3 to 9	1,083 (17.1)	992 (16.2)	91 (4.2)	492 (13.2)	48 (2.7)	500 (13.5)	43 (2.9)	28.3 (0.30)	27.5 (0.31)	41.9 (1.11)	27.4 (0.44)	44.0 (1.47)	27.6 (0.42)	39.7 (1.41)		
10 to 20	1,504 (23.0)	1,438 (22.3)	66 (3.9)	717 (19.0)	32 (2.4)	721 (20.2)	34 (2.8)	39.3 (0.31)	39.9 (0.31)	30.1 (1.06)	39.9 (0.44)	29.0 (1.38)	39.8 (0.42)	31.3 (1.45)		
Over 20	860 (15.8)	839 (15.5)	21 (1.7)	415 (11.4)	10 (1.1)	424 (13.9)	11 (1.3)	22.5 (0.27)	23.3 (0.29)	9.6 (0.61)	23.1 (0.39)	9.0 (0.81)	23.4 (0.39)	10.1 (0.97)		
<b>Certification type<sup>2</sup></b>																
Regular	3,457 (45.2)	3,288 (43.4)	169 (8.0)	1,651 (37.7)	87 (4.7)	1,637 (41.7)	82 (5.7)	90.3 (0.17)	91.1 (0.17)	77.5 (0.91)	91.8 (0.26)	79.2 (1.25)	90.4 (0.25)	75.7 (1.37)		
Probationary	120 (3.7)	110 (3.7)	11 (1.0)	52 (2.8)	6 (0.7)	58 (2.7)	5 (0.7)	3.1 (0.09)	3.0 (0.09)	5.0 (0.40)	2.9 (0.15)	5.1 (0.60)	3.2 (0.14)	4.9 (0.54)		
Provisional or temporary	163 (5.1)	148 (5.0)	15 (1.3)	66 (3.5)	7 (0.8)	82 (4.1)	8 (0.9)	4.3 (0.12)	4.1 (0.13)	6.9 (0.49)	3.7 (0.18)	6.6 (0.61)	4.5 (0.19)	7.2 (0.73)		
Waiver or emergency	35 (2.3)	31 (2.3)	4 (0.6)	12 (1.5)	† (†)	19 (1.6)	2 (0.4)	0.9 (0.06)	0.9 (0.06)	1.7 (0.25)	0.7 (0.08)	1.5 (0.37)	1.1 (0.09)	2.0 (0.35)		
No certification	52 (2.7)	32 (2.1)	19 (1.6)	17 (1.6)	8 (0.9)	16 (1.6)	11 (1.1)	1.4 (0.07)	0.9 (0.06)	8.9 (0.62)	0.9 (0.09)	7.6 (0.74)	0.9 (0.09)	10.3 (0.93)		
<b>School locale<sup>3</sup></b>																
City	1,180 (37.0)	1,059 (34.8)	120 (7.0)	534 (23.0)	61 (4.5)	525 (28.9)	59 (5.0)	30.8 (0.84)	29.4 (0.85)	55.1 (2.21)	29.7 (1.14)	55.5 (2.85)	29.0 (1.26)	54.6 (3.17)		
Suburban	1,513 (41.6)	1,449 (40.5)	64 (6.0)	730 (30.8)	33 (3.5)	718 (29.3)	32 (4.0)	39.5 (0.90)	40.1 (0.92)	29.4 (2.15)	40.6 (1.29)	29.6 (2.68)	39.7 (1.27)	29.2 (2.93)		
Town	416 (13.6)	404 (13.3)	12 (2.0)	191 (11.1)	5 (1.0)	213 (11.6)	7 (1.5)	10.9 (0.37)	11.2 (0.38)	5.6 (0.92)	10.6 (0.59)	4.8 (0.95)	11.8 (0.62)	6.5 (1.37)		
Rural	718 (21.4)	696 (21.0)	22 (2.7)	342 (15.7)	11 (1.7)	354 (15.2)	11 (1.8)	18.8 (0.55)	19.3 (0.57)	9.9 (1.22)	19.0 (0.82)	10.1 (1.51)	19.6 (0.80)	9.7 (1.66)		
<b>Percent of students eligible for free or reduced-price lunch</b>																
0 to 25	881 (29.0)	852 (28.4)	30 (3.9)	394 (20.6)	15 (2.0)	458 (22.3)	15 (2.8)	23.0 (0.68)	23.6 (0.71)	13.6 (1.57)	21.9 (0.96)	13.6 (1.71)	25.3 (1.00)	13.6 (2.25)		
26 to 50	934 (32.0)	900 (31.8)	34 (3.8)	378 (17.7)	20 (2.9)	522 (24.4)	14 (2.0)	24.4 (0.74)	25.0 (0.77)	15.3 (1.57)	21.1 (0.85)	17.8 (2.37)	28.8 (1.14)	12.9 (1.65)		
51 to 75	836 (26.2)	795 (25.8)	41 (4.1)	398 (17.9)	24 (2.8)	397 (21.3)	17 (2.4)	21.8 (0.62)	22.0 (0.66)	18.8 (1.73)	22.1 (0.84)	21.8 (2.31)	21.9 (1.03)	15.8 (2.12)		
76 to 100	1,051 (29.4)	976 (28.8)	75 (5.3)	599 (22.0)	36 (3.4)	377 (19.8)	39 (4.1)	27.5 (0.72)	27.1 (0.76)	34.2 (1.96)	33.3 (1.11)	32.7 (2.55)	20.8 (0.98)	35.7 (2.87)		
School does not participate ...	125 (8.7)	85 (7.9)	39 (3.8)	28 (4.3)	15 (1.7)	57 (7.0)	24 (3.0)	3.3 (0.23)	2.4 (0.22)	18.0 (1.60)	1.6 (0.24)	14.1 (1.49)	3.2 (0.39)	22.0 (2.51)		

†Not applicable.

!Interpret data with caution. The coefficient of variation (CV) for this estimate is between 30 and 50 percent.

‡Reporting standards not met. Either there are too few cases for a reliable estimate or the coefficient of variation (CV) is 50 percent or greater.

<sup>1</sup>Education specialist degrees or certificates are generally awarded for 1 year's work beyond the master's level. Includes certificate of advanced graduate studies.

<sup>2</sup>Refers to certification of teachers to teach in the state where they are currently teaching. A teaching certificate is probationary if all requirements have been satisfied except completion of a probationary period. It is provisional or temporary if additional coursework, student teaching, or passage of a test is required to obtain regular certification. It is a waiver or emergency certificate if a certification program must be completed to continue teaching.

<sup>3</sup>Interpret 2015–16 data on city teachers with caution. After nonresponse adjustments, the nonresponse bias for this category is greater than for other characteristics.

NOTE: Data are based on a head count of full-time and part-time teachers rather than on the number of full-time-equivalent teachers reported in other tables. Teachers were classified as elementary or secondary on the basis of the grades they taught, rather than on the level of the school in which they taught. In general, elementary teachers include those teaching prekindergarten through grade 6 and those teaching multiple grades, with a preponderance of grades taught being kindergarten through grade 6. In general, secondary teachers include those teaching any of grades 7 through 12 and those teaching multiple grades, with a preponderance of grades taught being grades 7 through 12 and usually with no grade taught being lower than grade 5. Detail may not sum to totals because of rounding. Race categories exclude persons of Hispanic ethnicity.

SOURCE: U.S. Department of Education, National Center for Education Statistics, National Teacher and Principal Survey (NTPS), "Public School Teacher Data File," 2015–16. (This table was prepared June 2018.)

**Table 209.22. Number and percentage distribution of teachers in public elementary and secondary schools, by instructional level and selected teacher and school characteristics: 1999–2000 and 2015–16**

[Standard errors appear in parentheses]

Selected teacher or school characteristic	Number of teachers (in thousands)							Percentage distribution of teachers					
	Total		Elementary		Secondary		Total		Elementary		Secondary		
	1999–2000	2015–16	1999–2000	2015–16	1999–2000	2015–16	1999–2000	2015–16	1999–2000	2015–16	1999–2000	2015–16	
1	2	3	4	5	6	7	8	9	10	11	12	13	
<b>Total</b> .....	<b>3,002</b> (19.4)	<b>3,827</b> (49.5)	<b>1,602</b> (13.5)	<b>1,908</b> (41.2)	<b>1,401</b> (17.7)	<b>1,920</b> (47.2)	<b>100.0</b> (†)	<b>96.6</b> (†)	<b>100.0</b> (†)	<b>96.5</b> (†)	<b>100.0</b> (†)	<b>96.6</b> (†)	
<b>Sex</b>													
Male .....	754 (10.7)	897 (18.1)	185 (5.4)	204 (6.2)	569 (9.3)	693 (18.3)	25.1 (0.30)	23.4 (0.34)	11.5 (0.32)	10.7 (0.25)	40.6 (0.44)	36.1 (0.43)	
Female .....	2,248 (16.0)	2,930 (39.1)	1,417 (12.7)	1,703 (37.7)	832 (12.5)	1,226 (31.9)	74.9 (0.30)	76.6 (0.34)	88.5 (0.32)	89.3 (0.25)	59.4 (0.44)	63.9 (0.43)	
<b>Race/ethnicity</b>													
White <sup>1</sup> .....	2,532 (17.2)	3,067 (41.9)	1,342 (13.8)	1,529 (35.9)	1,190 (15.8)	1,537 (39.0)	84.3 (0.30)	80.1 (0.34)	83.8 (0.50)	80.2 (0.56)	85.0 (0.34)	80.1 (0.46)	
Black <sup>1</sup> .....	228 (6.0)	256 (8.8)	122 (5.2)	123 (6.8)	106 (3.5)	133 (6.2)	7.6 (0.19)	6.7 (0.21)	7.6 (0.32)	6.4 (0.34)	7.5 (0.24)	6.9 (0.29)	
Hispanic <sup>1</sup> .....	169 (6.4)	338 (9.2)	95 (5.2)	178 (7.8)	74 (4.1)	160 (6.9)	5.6 (0.20)	8.8 (0.22)	5.9 (0.32)	9.3 (0.38)	5.3 (0.27)	8.3 (0.29)	
Asian <sup>1,2</sup> .....	48 (2.7)	86 (3.9)	30 (2.3)	45 (2.8)	18 (1.2)	42 (2.9)	1.6 (0.09)	2.3 (0.09)	1.9 (0.15)	2.3 (0.14)	1.3 (0.08)	2.2 (0.14)	
Pacific Islander .....	— (†)	9 (1.1)	— (†)	3 (0.7)	— (†)	5 (0.8)	— (†)	0.2 (0.03)	— (†)	0.2 (0.04)	— (†)	0.3 (0.04)	
American Indian/Alaska Native <sup>1</sup> .....	26 (1.9)	17 (1.5)	13 (1.5)	7 (0.9)	13 (0.8)	9 (1.3)	0.9 (0.06)	0.4 (0.04)	0.8 (0.09)	0.4 (0.04)	0.9 (0.06)	0.5 (0.07)	
Two or more races .....	— (†)	54 (2.8)	— (†)	22 (1.9)	— (†)	33 (2.1)	— (†)	1.4 (0.07)	— (†)	1.1 (0.10)	— (†)	1.7 (0.10)	
<b>Age</b>													
Under 30 .....	509 (9.2)	574 (11.4)	270 (7.7)	308 (9.7)	239 (5.4)	265 (8.2)	17.0 (0.28)	15.0 (0.23)	16.9 (0.46)	16.2 (0.37)	17.1 (0.30)	13.8 (0.28)	
30 to 39 .....	661 (9.8)	1,090 (17.0)	362 (7.1)	541 (13.7)	298 (5.9)	550 (15.3)	22.0 (0.29)	28.5 (0.28)	22.6 (0.42)	28.3 (0.39)	21.3 (0.33)	28.6 (0.42)	
40 to 49 .....	953 (10.3)	1,050 (17.7)	521 (8.8)	524 (13.9)	432 (7.3)	526 (14.3)	31.8 (0.32)	27.4 (0.29)	32.5 (0.52)	27.5 (0.42)	30.9 (0.35)	27.4 (0.35)	
50 to 59 .....	786 (12.6)	823 (14.4)	396 (9.5)	406 (11.2)	390 (8.1)	418 (12.4)	26.2 (0.35)	21.5 (0.23)	24.7 (0.52)	21.3 (0.37)	27.8 (0.47)	21.7 (0.31)	
60 and over .....	93 (4.0)	290 (7.5)	52 (3.6)	128 (5.3)	41 (1.7)	161 (6.2)	3.1 (0.13)	7.6 (0.17)	3.2 (0.21)	6.7 (0.23)	2.9 (0.12)	8.4 (0.23)	
<b>Highest degree earned</b>													
Less than bachelor's .....	20 (1.3)	93 (3.7)	4 (0.8)	32 (2.3)	16 (0.9)	61 (3.1)	0.7 (0.04)	2.4 (0.10)	0.2 (0.05)	1.7 (0.12)	1.2 (0.07)	3.2 (0.15)	
Bachelor's .....	1,560 (15.8)	1,550 (23.4)	872 (13.3)	826 (20.6)	688 (10.1)	724 (20.1)	52.0 (0.40)	40.5 (0.34)	54.4 (0.65)	43.3 (0.54)	49.2 (0.47)	37.7 (0.46)	
Postbaccalaureate .....	1,422 (15.2)	2,184 (32.0)	726 (11.6)	1,050 (25.0)	696 (12.0)	1,134 (29.5)	47.4 (0.41)	57.1 (0.34)	45.3 (0.65)	55.0 (0.56)	49.7 (0.48)	59.1 (0.46)	
Master's .....	1,257 (13.9)	1,812 (26.3)	645 (10.9)	872 (21.0)	613 (10.7)	939 (24.5)	41.9 (0.38)	47.3 (0.34)	40.3 (0.61)	45.7 (0.53)	43.7 (0.44)	48.9 (0.48)	
Education specialist <sup>3</sup> .....	143 (5.2)	323 (8.8)	74 (4.2)	163 (6.5)	68 (2.9)	160 (6.4)	4.7 (0.17)	8.4 (0.18)	4.6 (0.26)	8.5 (0.27)	4.9 (0.19)	8.3 (0.24)	
Doctor's .....	22 (1.8)	49 (3.1)	7 (1.3)	14 (1.7)	15 (1.1)	35 (2.4)	0.7 (0.06)	1.3 (0.08)	0.4 (0.08)	0.8 (0.09)	1.1 (0.08)	1.8 (0.12)	
<b>Years of teaching experience</b>													
Less than 3 .....	325 (7.7)	380 (8.8)	171 (6.3)	193 (6.7)	154 (4.5)	186 (6.4)	10.8 (0.24)	9.9 (0.19)	10.7 (0.38)	10.1 (0.29)	11.0 (0.27)	9.7 (0.26)	
3 to 9 .....	854 (12.3)	1,083 (17.1)	458 (9.2)	540 (13.5)	396 (8.0)	543 (14.1)	28.5 (0.37)	28.3 (0.30)	28.6 (0.51)	28.3 (0.43)	28.3 (0.50)	28.3 (0.41)	
10 to 20 .....	865 (10.1)	1,504 (23.0)	484 (8.5)	749 (19.4)	381 (7.1)	755 (20.7)	28.8 (0.33)	39.3 (0.31)	30.2 (0.51)	39.3 (0.44)	27.2 (0.39)	39.3 (0.41)	
Over 20 .....	958 (13.5)	860 (15.8)	489 (9.6)	425 (11.6)	469 (9.0)	435 (13.9)	31.9 (0.36)	22.5 (0.27)	30.5 (0.52)	22.3 (0.37)	33.5 (0.43)	22.7 (0.37)	
<b>Certification type<sup>4</sup></b>													
Regular .....	2,599 (18.6)	3,457 (45.2)	1,407 (13.3)	1,738 (38.5)	1,192 (16.1)	1,719 (42.7)	86.6 (0.22)	90.3 (0.17)	87.8 (0.38)	91.1 (0.26)	85.1 (0.33)	89.5 (0.24)	
Probationary .....	83 (3.0)	120 (3.7)	41 (2.8)	57 (2.8)	42 (2.0)	63 (2.8)	2.8 (0.10)	3.1 (0.09)	2.6 (0.17)	3.0 (0.15)	3.0 (0.14)	3.3 (0.13)	
Provisional or temporary .....	97 (4.2)	163 (5.1)	54 (3.7)	73 (3.6)	43 (2.1)	89 (4.2)	3.2 (0.14)	4.3 (0.12)	3.3 (0.23)	3.8 (0.17)	3.1 (0.14)	4.7 (0.18)	
Waiver or emergency .....	51 (2.7)	35 (2.3)	27 (2.2)	14 (1.6)	25 (1.5)	21 (1.7)	1.7 (0.09)	0.9 (0.06)	1.7 (0.14)	0.7 (0.08)	1.8 (0.10)	1.1 (0.08)	
No certification .....	173 (5.4)	52 (2.7)	74 (3.7)	25 (1.9)	99 (4.1)	27 (1.9)	5.8 (0.18)	1.4 (0.07)	4.6 (0.22)	1.3 (0.10)	7.1 (0.28)	1.4 (0.10)	
<b>School classification</b>													
Traditional public .....	2,985 (19.5)	3,609 (46.9)	1,591 (13.5)	1,798 (40.3)	1,393 (17.7)	1,811 (45.7)	99.4 (0.01)	94.3 (0.24)	99.4 (0.01)	94.2 (0.30)	99.5 (0.02)	94.3 (0.35)	
Charter school .....	17 (0.3)	218 (9.9)	10 (0.2)	110 (5.7)	7 (0.2)	108 (6.9)	0.6 (0.01)	5.7 (0.24)	0.6 (0.01)	5.8 (0.30)	0.5 (0.02)	5.7 (0.35)	
<b>School locale<sup>5</sup></b>													
City .....	— (†)	1,180 (37.0)	— (†)	595 (24.4)	— (†)	584 (30.2)	— (†)	30.8 (0.84)	— (†)	31.2 (1.13)	— (†)	30.4 (1.23)	
Suburban .....	— (†)	1,513 (41.6)	— (†)	763 (31.2)	— (†)	750 (30.2)	— (†)	39.5 (0.90)	— (†)	40.0 (1.24)	— (†)	39.1 (1.23)	
Town .....	— (†)	416 (13.6)	— (†)	196 (11.3)	— (†)	220 (11.8)	— (†)	10.9 (0.37)	— (†)	10.3 (0.56)	— (†)	11.5 (0.59)	
Rural .....	— (†)	718 (21.4)	— (†)	353 (15.9)	— (†)	365 (15.2)	— (†)	18.8 (0.55)	— (†)	18.5 (0.80)	— (†)	19.0 (0.77)	

See notes at end of table.

**Table 209.22. Number and percentage distribution of teachers in public elementary and secondary schools, by instructional level and selected teacher and school characteristics: 1999–2000 and 2015–16—Continued**

[Standard errors appear in parentheses]

Selected teacher or school characteristic	Number of teachers (in thousands)						Percentage distribution of teachers						
	Total		Elementary		Secondary		Total		Elementary		Secondary		
	1999–2000	2015–16	1999–2000	2015–16	1999–2000	2015–16	1999–2000	2015–16	1999–2000	2015–16	1999–2000	2015–16	
1	2	3	4	5	6	7	8	9	10	11	12	13	
Percent of students eligible for free or reduced-price lunch													
0 to 25 .....	1,117 (20.4)	881 (29.0)	463 (13.0)	409 (20.7)	653 (14.9)	472 (22.6)	37.2 (0.59)	23.0 (0.68)	28.9 (0.81)	21.4 (0.92)	46.6 (0.83)	24.6 (0.96)	
26 to 50 .....	719 (18.4)	934 (32.0)	399 (13.2)	398 (17.7)	320 (10.4)	536 (24.6)	24.0 (0.60)	24.4 (0.74)	24.9 (0.79)	20.9 (0.80)	22.9 (0.73)	27.9 (1.09)	
51 to 75 .....	463 (15.8)	836 (26.2)	294 (12.7)	422 (18.4)	169 (8.8)	415 (21.4)	15.4 (0.52)	21.8 (0.62)	18.4 (0.76)	22.1 (0.80)	12.1 (0.59)	21.6 (0.96)	
76 to 100 .....	390 (13.2)	1,051 (29.4)	275 (12.0)	635 (22.4)	114 (6.7)	416 (20.5)	13.0 (0.42)	27.5 (0.72)	17.2 (0.72)	33.3 (1.07)	8.2 (0.47)	21.7 (0.94)	
School does not participate .....	314 (11.4)	125 (8.7)	170 (10.8)	44 (4.5)	144 (5.7)	81 (7.5)	10.5 (0.39)	3.3 (0.23)	10.6 (0.69)	2.3 (0.24)	10.3 (0.38)	4.2 (0.40)	

—Not available.

†Not applicable.

<sup>1</sup>Data for 1999–2000 are only roughly comparable to data for 2015–16, because the new category of Two or more races was introduced in 2003–04.

<sup>2</sup>Includes Pacific Islander for 1999–2000.

<sup>3</sup>Education specialist degrees or certificates are generally awarded for 1 year's work beyond the master's level. Includes certificate of advanced graduate studies.

<sup>4</sup>Refers to certification of teachers to teach in the state where they are currently teaching. A teaching certificate is probationary if all requirements have been satisfied except completion of a probationary period. It is provisional or temporary if additional coursework, student teaching, or passage of a test is required to obtain regular certification. It is a waiver or emergency certificate if a certification program must be completed to continue teaching.

<sup>5</sup>Interpret 2015–16 data on city teachers with caution. After nonresponse adjustments, the nonresponse bias for this category is greater than for other characteristics.

NOTE: Data are based on a head count of full-time and part-time teachers rather than on the number of full-time-equivalent teachers reported in other tables. Teachers were classified as elementary or secondary on the basis of the grades they taught, rather than on the level of the school in which they taught. In general, elementary teachers include those teaching prekindergarten through grade 6 and those teaching multiple grades, with a preponderance of grades taught being kindergarten through grade 6. In general, secondary teachers include those teaching any of grades 7 through 12 and those teaching multiple grades, with a preponderance of grades taught being grades 7 through 12 and usually with no grade taught being lower than grade 5. Detail may not sum to totals because of rounding. Race categories exclude persons of Hispanic ethnicity.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Schools and Staffing Survey (SASS), "Public School Teacher Data File," "Charter School Teacher Data File," "Public School Data File," and "Charter School Data File," 1999–2000; and National Teacher and Principal Survey (NTPS), "Public School Teacher Data File," 2015–16. (This table was prepared October 2017.)

**Table 209.24. Number and percentage distribution of teachers in public elementary and secondary schools, by whether they entered teaching through an alternative route to certification program and selected teacher and school characteristics: 2015–16**  
[Standard errors appear in parentheses]

Selected teacher or school characteristic	Number of teachers (in thousands)			Percentage distribution of teachers, by teacher or school characteristic			Percentage distribution of teachers, by alternative route status		
	Total	Entered through alternative route program?		Total	Entered through alternative route program?		Total	Entered through alternative route program?	
		Yes	No		Yes	No		Yes	No
1	2	3	4	5	6	7	8	9	10
<b>Total</b> .....	<b>3,827 (49.5)</b>	<b>676 (14.8)</b>	<b>3,151 (40.5)</b>	<b>100.0 (†)</b>	<b>100.0 (†)</b>	<b>100.0 (†)</b>	<b>100.0 (†)</b>	<b>17.7 (0.28)</b>	<b>82.3 (0.28)</b>
<b>Sex</b>									
Male .....	897 (18.1)	215 (6.8)	682 (14.0)	23.5 (0.34)	31.8 (0.74)	21.7 (0.34)	100.0 (†)	24.0 (0.53)	76.0 (0.53)
Female .....	2,930 (39.1)	461 (11.4)	2,468 (33.1)	76.6 (0.34)	68.2 (0.74)	78.4 (0.34)	100.0 (†)	15.8 (0.30)	84.3 (0.30)
<b>Race/ethnicity</b>									
White .....	3,067 (41.9)	450 (10.8)	2,617 (36.1)	80.1 (0.34)	66.5 (0.83)	83.1 (0.32)	100.0 (†)	14.7 (0.28)	85.3 (0.28)
Black .....	256 (8.8)	89 (4.4)	166 (6.4)	6.7 (0.21)	13.2 (0.55)	5.3 (0.20)	100.0 (†)	34.9 (1.18)	65.1 (1.18)
Hispanic .....	338 (9.2)	99 (4.4)	239 (7.2)	8.8 (0.22)	14.6 (0.57)	7.6 (0.21)	100.0 (†)	29.2 (1.00)	70.8 (1.00)
Asian .....	86 (3.9)	17 (1.6)	69 (3.3)	2.3 (0.09)	2.6 (0.24)	2.2 (0.10)	100.0 (†)	20.0 (1.57)	80.0 (1.57)
Pacific Islander .....	9 (1.1)	†	7 (0.9)	0.2 (0.03)	0.3 (0.09)	0.2 (0.03)	100.0 (†)	23.7 (5.72)	76.3 (5.72)
American Indian/Alaska Native .....	17 (1.5)	5 (0.8)	12 (1.2)	0.4 (0.04)	0.8 (0.11)	0.4 (0.04)	100.0 (†)	30.7 (3.87)	69.3 (3.87)
Two or more races .....	54 (2.8)	14 (1.5)	40 (2.4)	1.4 (0.07)	2.1 (0.22)	1.3 (0.07)	100.0 (†)	26.2 (2.44)	73.8 (2.44)
<b>Main activity the year prior to first year of teaching<sup>1</sup></b>									
Student at a college or university .....	369 (8.6)	42 (2.5)	327 (7.7)	49.0 (0.66)	23.6 (1.07)	56.9 (0.80)	100.0 (†)	11.5 (0.61)	88.6 (0.61)
Working as a substitute teacher .....	111 (4.0)	23 (1.9)	88 (3.6)	14.8 (0.47)	13.0 (0.92)	15.3 (0.56)	100.0 (†)	20.9 (1.48)	79.1 (1.48)
Teaching in a preschool .....	19 (1.7)	4 (0.8)	15 (1.4)	2.6 (0.22)	2.5 (0.45)	2.6 (0.23)	100.0 (†)	23.0 (3.38)	77.0 (3.38)
Teaching at a college or university .....	10 (1.1)	5 (0.8)	5 (0.8)	1.3 (0.15)	2.8 (0.42)	0.8 (0.15)	100.0 (†)	52.5 (5.88)	47.6 (5.88)
Working in a position in the field of education, but not as a teacher .....	112 (3.9)	40 (2.3)	72 (3.1)	14.9 (0.45)	22.6 (1.15)	12.5 (0.49)	100.0 (†)	36.0 (1.64)	64.0 (1.64)
Working in an occupation outside the field of education .....	109 (4.3)	54 (2.9)	55 (3.0)	14.4 (0.51)	30.3 (1.24)	9.5 (0.50)	100.0 (†)	49.9 (1.83)	50.1 (1.83)
Caring for family members .....	10 (1.3)	†	7 (1.0)	1.4 (0.17)	1.8 (0.36)	1.3 (0.17)	100.0 (†)	30.7 (5.02)	69.3 (5.02)
Military service .....	4 (0.7)	†	†	0.5 (0.09)	1.2 (0.32)	0.3 (0.07)	100.0 (†)	56.4 (8.99)	43.6 (8.99)
Unemployed and seeking work .....	7 (0.9)	†	4 (0.7)	0.9 (0.12)	1.5 (0.32)	0.8 (0.13)	100.0 (†)	37.6 (6.62)	62.4 (6.62)
Retired from another job .....	†	†	†	0.3 (0.08)	0.8 (0.28)	0.1 (0.05)	100.0 (†)	69.7 (12.80)	30.3 (12.80)
<b>Main teaching assignment</b>									
Elementary education .....	1,209 (27.1)	131 (5.3)	1,078 (25.3)	31.6 (0.64)	19.3 (0.71)	34.2 (0.69)	100.0 (†)	10.8 (0.41)	89.2 (0.41)
Special education .....	454 (8.7)	90 (3.7)	363 (7.5)	11.9 (0.17)	13.4 (0.51)	11.5 (0.18)	100.0 (†)	19.9 (0.70)	80.1 (0.70)
Arts and music .....	258 (6.8)	35 (2.2)	224 (6.2)	6.8 (0.15)	5.1 (0.31)	7.1 (0.17)	100.0 (†)	13.4 (0.80)	86.6 (0.80)
English and language arts .....	476 (9.8)	87 (4.1)	390 (8.3)	12.5 (0.18)	12.8 (0.52)	12.4 (0.22)	100.0 (†)	18.2 (0.73)	81.8 (0.73)
English as a second language .....	79 (3.6)	19 (1.8)	59 (3.1)	2.1 (0.09)	2.8 (0.26)	1.9 (0.10)	100.0 (†)	24.4 (1.96)	75.6 (1.96)
Foreign languages .....	106 (4.2)	27 (2.1)	79 (3.4)	2.8 (0.10)	4.0 (0.29)	2.5 (0.10)	100.0 (†)	25.6 (1.63)	74.4 (1.63)
Health education .....	178 (4.6)	19 (1.4)	159 (4.2)	4.6 (0.11)	2.8 (0.20)	5.0 (0.12)	100.0 (†)	10.7 (0.73)	89.3 (0.73)
Mathematics and computer science .....	323 (8.7)	72 (3.4)	251 (7.0)	8.4 (0.18)	10.7 (0.43)	8.0 (0.19)	100.0 (†)	22.3 (0.81)	77.7 (0.81)
Natural sciences .....	257 (6.6)	72 (3.3)	184 (5.3)	6.7 (0.15)	10.7 (0.42)	5.9 (0.15)	100.0 (†)	28.2 (1.01)	71.8 (1.01)
Social sciences .....	242 (7.7)	44 (2.6)	198 (6.4)	6.3 (0.17)	6.5 (0.35)	6.3 (0.18)	100.0 (†)	18.1 (0.87)	81.9 (0.87)
Career or technical education .....	179 (6.5)	67 (3.3)	112 (4.7)	4.7 (0.15)	9.9 (0.43)	3.6 (0.14)	100.0 (†)	37.4 (1.30)	62.6 (1.30)
All others .....	67 (3.1)	14 (1.4)	54 (2.8)	1.8 (0.08)	2.0 (0.20)	1.7 (0.08)	100.0 (†)	20.1 (1.83)	79.9 (1.83)
<b>School classification</b>									
Traditional public .....	3,609 (46.9)	622 (13.9)	2,986 (38.7)	94.3 (0.24)	92.0 (0.43)	94.8 (0.24)	100.0 (†)	17.2 (0.28)	82.8 (0.28)
Charter school .....	218 (9.9)	54 (3.1)	164 (7.8)	5.7 (0.24)	8.0 (0.43)	5.2 (0.24)	100.0 (†)	24.8 (0.95)	75.2 (0.95)
<b>School level</b>									
Elementary .....	1,820 (43.4)	228 (8.2)	1,592 (38.8)	47.6 (1.03)	33.7 (1.15)	50.5 (1.05)	100.0 (†)	12.5 (0.35)	87.5 (0.35)
Middle .....	681 (28.9)	132 (7.1)	549 (24.1)	17.8 (0.74)	19.5 (1.00)	17.4 (0.75)	100.0 (†)	19.4 (0.68)	80.7 (0.68)
High .....	1,098 (40.8)	271 (11.8)	827 (31.6)	28.7 (0.92)	40.0 (1.27)	26.3 (0.89)	100.0 (†)	24.7 (0.59)	75.3 (0.59)
Combined .....	228 (10.3)	46 (3.1)	182 (8.4)	6.0 (0.27)	6.8 (0.44)	5.8 (0.27)	100.0 (†)	20.1 (0.92)	79.9 (0.92)
<b>Percent of minority students in school<sup>2</sup></b>									
Less than 10 percent .....	456 (13.8)	43 (2.8)	413 (12.9)	12.8 (0.40)	6.9 (0.06)	14.1 (0.03)	100.0 (†)	9.4 (0.56)	90.6 (0.56)
10 to 24 percent .....	668 (21.6)	78 (4.3)	589 (19.2)	18.8 (0.56)	12.6 (0.05)	20.1 (0.03)	100.0 (†)	11.7 (0.50)	88.3 (0.50)
25 to 49 percent .....	836 (25.4)	133 (6.1)	704 (21.9)	23.5 (0.60)	21.3 (0.04)	24.0 (0.03)	100.0 (†)	15.8 (0.55)	84.2 (0.55)
50 to 74 percent .....	630 (22.7)	119 (6.2)	511 (18.8)	17.7 (0.59)	19.2 (0.05)	17.4 (0.03)	100.0 (†)	18.9 (0.69)	81.1 (0.69)
75 to 89 percent .....	337 (16.1)	77 (4.8)	260 (13.4)	9.5 (0.46)	12.3 (0.06)	8.9 (0.05)	100.0 (†)	22.8 (1.06)	77.2 (1.06)
90 percent or more .....	628 (24.6)	172 (8.7)	457 (18.4)	17.7 (0.63)	27.6 (0.04)	15.6 (0.04)	100.0 (†)	27.3 (0.83)	72.7 (0.83)
<b>School locale</b>									
City .....	†	†	†	†	†	†	†	†	†
Suburban .....	1,513 (41.6)	246 (9.4)	1,267 (35.4)	39.5 (0.90)	36.4 (1.17)	40.2 (0.90)	100.0 (†)	16.3 (0.43)	83.7 (0.43)
Town .....	416 (13.6)	60 (3.3)	356 (11.9)	10.9 (0.37)	8.9 (0.50)	11.3 (0.39)	100.0 (†)	14.5 (0.62)	85.5 (0.62)
Rural .....	718 (21.4)	109 (5.2)	609 (17.9)	18.8 (0.55)	16.1 (0.73)	19.3 (0.56)	100.0 (†)	15.2 (0.51)	84.8 (0.51)
<b>Percent of students eligible for free or reduced-price lunch</b>									
0 to 25 .....	881 (29.0)	120 (6.7)	761 (25.1)	23.0 (0.68)	17.7 (0.87)	24.2 (0.72)	100.0 (†)	13.6 (0.57)	86.4 (0.57)
26 to 50 .....	934 (32.0)	160 (8.2)	774 (26.9)	24.4 (0.74)	23.7 (1.04)	24.6 (0.76)	100.0 (†)	17.1 (0.63)	82.9 (0.63)
51 to 75 .....	836 (26.2)	148 (6.8)	688 (21.9)	21.9 (0.62)	21.9 (0.95)	21.9 (0.62)	100.0 (†)	17.7 (0.57)	82.3 (0.57)
76 to 100 .....	1,051 (29.4)	218 (8.4)	833 (24.2)	27.5 (0.72)	32.3 (1.02)	26.4 (0.74)	100.0 (†)	20.8 (0.57)	79.2 (0.57)
School does not participate .....	125 (8.7)	30 (2.5)	94 (7.1)	3.3 (0.23)	4.5 (0.37)	3.0 (0.23)	100.0 (†)	24.2 (1.37)	75.8 (1.37)

†Not applicable.  
!Interpret data with caution. The coefficient of variation for this estimate is between 30 and 50 percent.  
‡Reporting standards not met. There are too few cases for a reliable estimate, the coefficient of variation (CV) is 50 percent or greater, or the response rate is below 50 percent.  
<sup>1</sup>Includes only those teachers whose first year of teaching was between 2011–12 and 2015–16.  
<sup>2</sup>Excludes the 7 percent of teachers for whom the percentage of minority enrollment in the school was not available. Minority enrollment is the combined enrollment of students who are Black, Hispanic, Asian, Pacific Islander, American Indian/Alaska Native, and of Two or more races.

NOTE: Teachers were asked whether they entered teaching through an alternative route to certification program, which is a program that was designed to expedite the transition of nonteachers to a teaching career (for example, a state, district, or university alternative route to certification program). Data are based on a head count of full-time and part-time teachers rather than on the number of full-time-equivalent teachers reported in other tables. Detail may not sum to totals because of rounding. Race categories exclude persons of Hispanic ethnicity.  
SOURCE: U.S. Department of Education, National Center for Education, National Teacher and Principal Survey (NTPS), "Public School Teacher Data File," 2015–16. (This table was prepared January 2018.)

**Table 209.30. Highest degree earned, years of full-time teaching experience, and average class size for teachers in public elementary and secondary schools, by state: 2011–12**

[Standard errors appear in parentheses]

State	Total number of teachers (in thousands)	Percent of teachers, by highest degree earned				Percent of teachers, by years of full-time teaching experience				Average class size, by level of instruction <sup>1</sup>	
		Less than bachelor's	Bachelor's	Master's	Education specialist <sup>2</sup> or doctor's	Less than 3	3 to 9	10 to 20	Over 20	Elementary	Secondary
1	2	3	4	5	6	7	8	9	10	11	12
<b>United States</b>	<b>3,385.2 (41.42)</b>	<b>3.8 (0.24)</b>	<b>39.9 (0.52)</b>	<b>47.7 (0.57)</b>	<b>8.7 (0.28)</b>	<b>9.0 (0.29)</b>	<b>33.3 (0.52)</b>	<b>36.4 (0.51)</b>	<b>21.3 (0.54)</b>	<b>21.2 (0.18)</b>	<b>26.8 (0.22)</b>
Alabama	45.0 (2.61)	3.8! (1.51)	34.5 (2.69)	52.8 (2.81)	8.9 (1.64)	8.0 (1.28)	30.9 (2.75)	39.2 (2.85)	21.9 (2.34)	19.2 (0.42)	27.4 (0.94)
Alaska	7.5 (0.70)	4.4! (1.78)	45.6 (4.44)	41.9 (4.01)	8.2 (2.37)	12.9 (3.30)	30.8 (4.15)	39.6 (4.16)	16.7 (3.76)	18.3 (1.35)	18.7 (1.22)
Arizona	61.7 (2.61)	4.6 (1.16)	44.4 (3.67)	44.1 (3.49)	6.9 (1.71)	16.4 (2.29)	38.0 (2.75)	28.5 (2.60)	17.2 (2.02)	24.1 (0.67)	27.7 (0.96)
Arkansas	37.7 (2.01)	3.7! (1.45)	54.7 (3.36)	35.0 (3.13)	6.6 (1.72)	11.5 (2.03)	28.9 (3.38)	32.3 (3.93)	27.3 (3.37)	20.4 (0.73)	25.4 (1.69)
California	285.5 (7.27)	4.8 (0.91)	43.4 (2.33)	39.2 (2.18)	12.7 (1.56)	9.4 (1.29)	29.1 (2.13)	42.3 (2.25)	19.1 (1.89)	25.0 (0.52)	32.0 (0.53)
Colorado	55.9 (3.14)	2.8! (1.00)	36.1 (3.51)	49.9 (4.26)	11.2 (2.79)	10.8 (2.25)	33.4 (3.50)	42.9 (3.96)	12.9 (2.51)	22.8 (1.29)	29.1 (1.25)
Connecticut	44.9 (2.51)	‡ (†)	15.3 (1.86)	64.4 (3.01)	17.7 (2.37)	10.0 (1.43)	29.1 (2.66)	37.1 (2.43)	23.8 (3.34)	19.6 (0.68)	22.0 (0.71)
Delaware	9.3 (0.70)	4.0! (1.50)	34.5 (4.36)	49.7 (4.55)	11.8 (2.85)	12.6 (3.31)	35.0 (3.59)	33.8 (4.04)	18.6 (2.75)	20.3 (0.82)	25.8 (2.09)
District of Columbia	‡ (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)
Florida	‡ (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)
Georgia	123.3 (3.97)	3.4! (1.15)	29.5 (3.48)	43.5 (3.79)	23.6 (3.00)	6.3 (1.70)	34.2 (3.42)	39.8 (3.34)	19.7 (2.58)	21.0 (0.91)	27.5 (1.42)
Hawaii	‡ (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)
Idaho	16.3 (1.83)	4.6 (1.37)	55.6 (3.30)	35.3 (3.18)	4.4 (1.20)	10.4 (1.93)	30.4 (3.18)	35.2 (3.02)	24.0 (2.89)	24.5 (0.63)	25.4 (2.13)
Illinois	140.9 (9.09)	2.7! (0.81)	32.6 (2.53)	57.8 (2.44)	7.0 (1.34)	9.3 (1.56)	36.4 (2.59)	34.4 (2.85)	20.0 (2.51)	22.9 (1.26)	27.7 (1.00)
Indiana	64.0 (2.98)	2.2 (0.52)	43.6 (3.04)	47.4 (3.29)	6.9 (1.45)	10.0 (1.92)	26.1 (2.42)	35.6 (3.01)	28.3 (3.02)	21.4 (0.47)	27.3 (1.07)
Iowa	36.1 (2.28)	3.5! (1.22)	52.8 (3.89)	39.7 (3.60)	4.1! (1.26)	8.8 (1.85)	29.0 (2.98)	33.0 (2.77)	29.2 (2.55)	20.3 (0.93)	27.4 (1.35)
Kansas	36.5 (2.27)	3.8 (0.83)	43.8 (3.52)	47.0 (3.66)	5.4 (1.38)	12.5 (2.98)	27.4 (3.00)	32.7 (3.15)	27.4 (2.83)	20.4 (0.86)	24.6 (1.21)
Kentucky	46.8 (2.51)	5.1 (1.22)	17.5 (2.24)	57.5 (2.58)	20.0 (2.11)	10.1 (1.83)	32.2 (2.82)	38.5 (2.81)	19.2 (2.02)	23.3 (1.92)	26.6 (1.09)
Louisiana	44.5 (2.39)	3.5! (1.72)	61.9 (3.12)	27.0 (2.68)	7.6 (1.55)	8.6 (1.51)	31.2 (3.13)	33.4 (3.31)	26.8 (3.10)	19.0 (0.80)	23.4 (0.78)
Maine	18.4 (0.90)	4.9! (1.60)	46.3 (3.41)	42.8 (3.30)	6.0 (1.36)	5.8 (1.47)	24.1 (2.57)	39.4 (3.32)	30.6 (2.81)	17.6 (0.64)	19.9 (1.76)
Maryland	‡ (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)
Massachusetts	79.2 (4.42)	3.9 (1.08)	21.8 (2.33)	67.5 (2.54)	6.8 (1.48)	12.4 (1.96)	33.4 (3.04)	36.8 (3.02)	17.4 (3.09)	19.9 (1.72)	24.5 (1.18)
Michigan	96.7 (3.73)	2.3 (0.55)	29.8 (2.50)	62.9 (2.52)	5.0 (1.40)	7.3 (1.00)	31.4 (2.68)	42.7 (2.44)	18.7 (2.12)	23.8 (0.93)	28.9 (0.81)
Minnesota	62.3 (2.99)	4.4 (0.77)	35.3 (2.06)	50.1 (1.87)	10.2 (1.40)	9.5 (1.20)	27.4 (2.05)	40.3 (2.14)	22.9 (2.00)	22.8 (0.70)	29.9 (0.86)
Mississippi	37.6 (2.11)	5.3 (1.45)	54.4 (3.87)	35.2 (3.57)	5.1 (1.51)	10.3 (1.97)	41.0 (3.45)	30.5 (3.35)	18.2 (3.18)	21.6 (1.01)	22.8 (1.15)
Missouri	68.7 (2.34)	4.4 (0.91)	33.3 (2.90)	57.5 (2.96)	4.8 (0.94)	10.4 (1.90)	35.3 (2.21)	35.2 (2.31)	19.2 (2.31)	20.2 (0.83)	26.8 (1.18)
Montana	12.4 (0.90)	6.4 (1.52)	55.2 (3.34)	34.6 (3.39)	3.8! (1.66)	9.6 (2.33)	31.3 (3.17)	30.5 (3.04)	28.6 (3.65)	18.9 (0.80)	21.7 (1.81)
Nebraska	23.9 (1.73)	5.5 (1.31)	44.9 (3.29)	45.9 (3.15)	3.7 (0.98)	10.6 (1.74)	27.2 (2.52)	34.6 (2.63)	27.6 (2.54)	17.9 (0.72)	23.5 (0.99)
Nevada	25.2 (2.63)	4.5! (1.85)	25.1 (3.92)	49.8 (4.26)	20.6 (3.23)	6.5! (1.17)	39.0 (4.02)	36.2 (4.29)	18.2 (3.55)	25.3 (1.41)	34.5 (1.54)
New Hampshire	15.7 (1.05)	3.0! (1.12)	40.2 (3.49)	48.7 (3.55)	8.1 (1.82)	8.1 (1.54)	32.8 (3.41)	31.5 (3.57)	27.5 (3.54)	20.4 (3.09)	21.7 (1.16)
New Jersey	125.2 (4.16)	3.0 (0.74)	48.5 (2.47)	40.8 (2.30)	7.6 (1.60)	7.3 (1.24)	35.4 (2.45)	37.4 (2.66)	20.0 (2.03)	18.5 (0.81)	23.9 (0.68)
New Mexico	21.7 (2.83)	4.3! (2.01)	43.3 (3.80)	42.1 (3.72)	10.3 (2.82)	8.0! (2.46)	30.9 (3.73)	40.3 (5.11)	20.8 (5.19)	19.8 (0.76)	23.7 (1.58)
New York	241.4 (14.58)	2.8! (1.00)	4.4 (1.09)	84.2 (1.56)	8.6 (1.32)	5.3 (1.38)	30.0 (2.81)	45.5 (2.35)	19.1 (2.41)	20.7 (1.36)	25.1 (0.96)
North Carolina	104.3 (5.71)	4.1! (1.57)	54.2 (3.16)	33.8 (2.80)	7.8 (1.84)	8.4 (1.52)	35.8 (3.13)	34.8 (3.05)	21.1 (2.74)	18.8 (0.65)	25.8 (1.25)
North Dakota	10.3 (0.74)	6.9 (1.63)	59.2 (3.08)	30.1 (2.60)	3.9 (1.13)	12.2 (2.09)	24.6 (3.06)	30.6 (3.28)	32.6 (3.45)	17.8 (0.60)	19.2 (1.41)
Ohio	122.1 (4.29)	5.3 (1.17)	24.0 (1.79)	64.5 (2.16)	6.2 (1.28)	7.1 (1.11)	28.8 (2.48)	40.8 (2.67)	23.3 (2.00)	21.3 (0.99)	26.7 (0.85)
Oklahoma	46.2 (2.49)	4.3 (1.04)	65.6 (2.66)	26.9 (2.56)	3.2! (1.12)	9.8 (1.84)	30.1 (2.58)	36.9 (2.93)	23.3 (2.27)	20.7 (0.56)	23.7 (0.88)
Oregon	31.8 (1.28)	4.2! (1.53)	26.3 (3.18)	59.8 (3.62)	9.7 (1.94)	7.2 (1.54)	37.0 (3.58)	35.6 (3.58)	20.2 (2.45)	26.4 (0.96)	30.0 (1.05)
Pennsylvania	148.8 (7.48)	4.5! (1.94)	32.9 (2.52)	53.9 (3.34)	8.7 (1.77)	6.2 (1.78)	37.0 (2.55)	35.8 (2.17)	21.0 (2.30)	22.4 (0.99)	25.2 (0.96)
Rhode Island	‡ (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)
South Carolina	51.8 (1.76)	3.0! (1.34)	28.8 (3.14)	57.9 (3.95)	10.3 (2.15)	8.4 (1.58)	30.5 (3.22)	32.3 (3.54)	28.9 (3.38)	19.1 (0.75)	26.0 (1.98)
South Dakota	10.8 (0.92)	2.3! (0.73)	68.8 (3.52)	26.6 (3.13)	2.3! (1.14)	8.8 (1.65)	24.6 (2.76)	32.9 (3.63)	33.7 (3.38)	20.4 (0.66)	22.3 (1.31)
Tennessee	76.5 (2.91)	4.4! (1.52)	35.1 (3.54)	46.3 (3.44)	14.2 (2.83)	10.6 (1.80)	34.0 (3.66)	34.1 (3.48)	21.3 (3.28)	17.7 (0.52)	26.9 (1.60)
Texas	350.8 (22.99)	3.3 (0.65)	66.4 (2.09)	25.8 (2.12)	4.6 (0.77)	8.9 (0.95)	40.4 (2.05)	31.1 (1.88)	19.7 (1.74)	18.2 (0.82)	26.9 (1.07)
Utah	27.9 (1.67)	4.2 (1.10)	56.8 (3.96)	27.3 (3.88)	11.7! (3.94)	15.0 (2.43)	39.9 (4.49)	25.6 (4.52)	19.5 (3.12)	27.4 (2.09)	31.5 (1.29)
Vermont	9.4 (0.34)	6.6 (1.46)	35.4 (2.78)	52.0 (2.87)	6.0 (1.59)	12.9 (1.60)	22.1 (2.38)	37.0 (2.56)	28.0 (2.73)	16.6 (0.40)	19.8 (1.25)
Virginia	88.5 (3.35)	3.3! (1.07)	47.5 (3.08)	41.6 (3.17)	7.6 (1.26)	9.1 (1.68)	31.5 (3.20)	34.2 (2.73)	25.2 (2.43)	20.4 (1.27)	23.8 (0.90)
Washington	55.5 (3.15)	2.9 (0.59)	23.1 (2.61)	62.9 (2.92)	11.1 (1.96)	6.2 (1.45)	32.2 (3.00)	34.8 (2.82)	26.8 (3.03)	23.7 (0.60)	29.7 (0.99)
West Virginia	24.2 (0.79)	3.1 (0.90)	46.6 (4.82)	43.2 (4.71)	7.1 (1.73)	12.0 (2.26)	31.2 (4.12)	30.5 (3.82)	26.3 (3.24)	18.7 (1.00)	24.0 (1.65)
Wisconsin	66.8 (3.42)	2.7 (0.79)	36.7 (2.96)	55.1 (2.98)	5.5 (1.41)	10.5 (1.67)	26.2 (3.12)	42.1 (3.24)	21.3 (2.73)	20.8 (0.55)	27.9 (0.95)
Wyoming	8.5 (0.57)	7.0! (3.08)	44.3 (4.47)	41.2 (4.18)	7.5! (2.74)	7.6! (2.62)	25.2 (4.09)	35.1 (3.73)	32.1 (4.30)	17.0 (1.05)	19.6 (1.22)

†Not applicable.

!Interpret data with caution. The coefficient of variation (CV) for this estimate is between 30 and 50 percent.

‡Reporting standards not met. Data may be suppressed because the response rate is under 50 percent, there are too few cases for a reliable estimate, or the coefficient of variation (CV) is 50 percent or greater.

<sup>1</sup>Elementary teachers are those who taught self-contained classes at the elementary level, and secondary teachers are those who taught departmentalized classes (e.g., science, art, social science, or other course subjects) at the secondary level. Teachers were classified as elementary or secondary on the basis of the grades they taught, rather than on the level of the school in which they taught. In general, elementary teachers include those teaching prekindergarten through grade 5 and those teaching multiple grades, with a

preponderance of grades taught being kindergarten through grade 6. In general, secondary teachers include those teaching any of grades 7 through 12 and those teaching multiple grades, with a preponderance of grades taught being grades 7 through 12 and usually with no grade taught being lower than grade 5.

<sup>2</sup>Education specialist degrees or certificates are generally awarded for 1 year's work beyond the master's level. Includes certificate of advanced graduate studies.

NOTE: Data are based on a head count of all teachers rather than on the number of full-time-equivalent teachers appearing in other tables. Excludes prekindergarten teachers. Detail may not sum to totals because of rounding and cell suppression.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Schools and Staffing Survey (SASS), "Public School Teacher Data File," 2011–12. (This table was prepared May 2013.)

**Table 209.50. Percentage of public school teachers of grades 9 through 12, by field of main teaching assignment and selected demographic and educational characteristics: 2015–16**

[Standard errors appear in parentheses]

Selected demographic or educational characteristic	Total	Field of main teaching assignment									
		Arts and music	English or language arts	Foreign languages	Health and physical education	Mathematics	Natural sciences	Social sciences	Special education	Vocational/technical	All other
1	2	3	4	5	6	7	8	9	10	11	12
Number of teachers (in thousands) .....	1,272.1 (41.47)	108.1 (4.41)	191.1 (7.33)	77.5 (3.78)	73.9 (3.42)	181.9 (7.29)	145.2 (5.58)	151.4 (6.73)	141.6 (5.34)	148.8 (6.03)	52.6 (2.92)
<b>Total</b> .....	<b>100.0 (†)</b>	<b>100.0 (†)</b>	<b>100.0 (†)</b>	<b>100.0 (†)</b>	<b>100.0 (†)</b>	<b>100.0 (†)</b>	<b>100.0 (†)</b>	<b>100.0 (†)</b>	<b>100.0 (†)</b>	<b>100.0 (†)</b>	<b>100.0 (†)</b>
<b>Sex</b>											
Male .....	40.7 (0.52)	42.8 (1.71)	24.1 (1.28)	23.2 (1.80)	60.8 (2.09)	42.0 (1.28)	44.5 (1.38)	62.0 (1.39)	25.3 (1.37)	48.6 (1.55)	36.4 (2.63)
Female .....	59.3 (0.52)	57.2 (1.71)	75.9 (1.28)	76.8 (1.80)	39.2 (2.09)	58.0 (1.28)	55.5 (1.38)	38.0 (1.39)	74.7 (1.37)	51.4 (1.55)	63.6 (2.63)
<b>Race/ethnicity</b>											
White .....	80.2 (0.57)	84.7 (1.47)	81.0 (0.99)	63.2 (2.04)	83.1 (1.59)	79.2 (1.22)	82.5 (1.10)	84.0 (1.07)	80.3 (1.31)	81.7 (1.21)	71.8 (2.43)
Black .....	6.4 (0.33)	4.2 (0.72)	6.7 (0.70)	2.2 (0.63)	7.9 (1.20)	6.4 (0.69)	4.7 (0.60)	4.3 (0.52)	8.9 (0.84)	9.2 (0.89)	10.6 (1.73)
Hispanic .....	8.5 (0.39)	6.4 (0.92)	7.5 (0.81)	29.0 (1.94)	5.9 (0.98)	8.1 (0.76)	6.4 (0.63)	8.2 (0.82)	6.4 (0.91)	5.3 (0.73)	11.2 (1.62)
Asian .....	2.3 (0.18)	2.5! (0.98)	1.4 (0.32)	4.0 (0.85)	1.3! (0.48)	3.5 (0.47)	3.4 (0.55)	0.8! (0.26)	2.4 (0.42)	1.3 (0.35)	3.1 (0.94)
Pacific Islander .....	0.3 (0.06)	‡ (†)	0.3! (0.16)	‡ (†)	‡ (†)	0.3! (0.14)	‡ (†)	‡ (†)	‡ (†)	0.8! (0.28)	‡ (†)
American Indian/Alaska Native .....	0.5 (0.08)	0.4! (0.19)	0.4! (0.13)	0.7! (0.31)	‡ (†)	0.5! (0.15)	0.7! (0.23)	0.5! (0.18)	0.4! (0.17)	0.5! (0.20)	‡ (†)
Two or more races .....	1.8 (0.14)	1.5 (0.40)	2.7 (0.44)	0.8! (0.38)	1.0! (0.41)	2.1 (0.38)	2.1 (0.39)	2.1 (0.42)	1.6 (0.39)	1.2 (0.33)	2.0! (0.70)
<b>Age</b>											
Under 30 .....	13.4 (0.35)	16.5 (1.35)	15.6 (0.91)	12.4 (1.32)	11.6 (1.26)	16.5 (0.95)	14.7 (0.91)	12.8 (1.00)	11.9 (1.02)	8.0 (0.75)	9.6 (1.32)
30 to 39 .....	27.9 (0.49)	28.9 (1.64)	28.6 (1.13)	26.2 (1.86)	29.4 (1.90)	27.9 (1.11)	30.2 (1.37)	32.5 (1.28)	27.6 (1.40)	22.3 (1.21)	21.4 (2.09)
40 to 49 .....	27.0 (0.44)	22.1 (1.41)	28.6 (1.17)	29.1 (1.87)	30.2 (1.98)	26.1 (1.18)	25.6 (1.23)	27.3 (1.38)	27.9 (1.50)	26.8 (1.22)	28.5 (2.04)
50 to 59 .....	22.5 (0.42)	21.8 (1.61)	18.5 (1.00)	24.0 (1.69)	20.1 (1.49)	22.8 (1.15)	20.7 (1.10)	19.7 (1.16)	22.8 (1.31)	30.6 (1.33)	27.8 (1.99)
60 and over .....	9.2 (0.32)	10.8 (1.06)	8.7 (0.84)	8.3 (1.11)	8.7 (1.09)	6.6 (0.67)	8.7 (0.78)	7.8 (0.73)	9.8 (0.95)	12.3 (0.98)	12.6 (1.53)
<b>Age at which first began to teach full time or part time</b>											
25 or under .....	49.4 (0.50)	56.1 (1.72)	52.2 (1.35)	51.9 (1.87)	58.3 (2.15)	58.6 (1.24)	46.2 (1.43)	50.2 (1.63)	45.2 (1.36)	33.9 (1.43)	38.6 (2.17)
26 to 35 .....	32.5 (0.46)	30.8 (1.72)	31.1 (1.28)	29.8 (1.84)	32.0 (1.98)	26.5 (1.00)	37.6 (1.42)	35.7 (1.47)	33.8 (1.50)	36.0 (1.49)	30.8 (2.07)
36 to 45 .....	12.6 (0.30)	8.2 (0.95)	11.9 (0.89)	13.5 (1.55)	7.8 (1.51)	10.5 (0.81)	11.4 (0.98)	9.9 (0.83)	14.6 (1.06)	20.3 (1.37)	19.8 (1.73)
46 to 55 .....	4.7 (0.21)	4.2 (0.72)	4.4 (0.66)	4.1 (0.72)	1.7! (0.58)	3.8 (0.47)	4.1 (0.54)	3.6 (0.55)	5.5 (0.69)	7.5 (0.73)	9.6 (1.49)
56 or over .....	0.8 (0.09)	0.7! (0.30)	0.4! (0.17)	0.6! (0.29)	‡ (†)	0.6! (0.20)	0.7! (0.23)	0.6! (0.22)	0.9! (0.26)	2.3 (0.44)	1.2! (0.52)
<b>Years of full-time teaching experience</b>											
Less than 3 years .....	9.4 (0.31)	9.6 (0.98)	9.5 (0.73)	9.1 (1.12)	7.4 (1.02)	9.1 (0.75)	9.8 (0.76)	7.6 (0.76)	9.1 (0.90)	12.4 (0.87)	10.5 (1.35)
3 to 9 years .....	28.0 (0.49)	28.3 (1.70)	28.9 (1.22)	26.9 (2.00)	24.2 (1.71)	26.6 (1.21)	30.4 (1.15)	28.9 (1.24)	29.7 (1.40)	26.0 (1.21)	28.0 (2.36)
10 to 20 years .....	39.2 (0.52)	34.7 (1.72)	42.0 (1.40)	38.7 (2.24)	40.1 (2.17)	39.8 (1.24)	38.0 (1.40)	40.4 (1.42)	38.9 (1.41)	38.1 (1.51)	39.4 (2.50)
Over 20 years .....	23.3 (0.43)	27.5 (1.66)	19.6 (1.08)	25.3 (1.84)	28.4 (1.81)	24.4 (1.12)	21.7 (1.24)	23.1 (1.29)	22.4 (1.31)	23.5 (1.24)	22.1 (1.95)
<b>Highest degree earned</b>											
Less than bachelor's degree .....	3.7 (0.20)	2.7 (0.51)	1.1 (0.26)	2.0 (0.51)	4.2 (0.78)	2.0 (0.36)	2.5 (0.46)	2.0 (0.37)	1.9 (0.37)	14.7 (1.13)	5.4 (1.08)
Bachelor's degree .....	36.4 (0.60)	45.8 (1.86)	37.5 (1.29)	32.8 (1.99)	43.5 (1.99)	36.5 (1.13)	30.7 (1.39)	37.3 (1.41)	30.2 (1.51)	39.0 (1.50)	29.6 (2.09)
Master's degree .....	49.4 (0.61)	43.7 (1.88)	50.0 (1.27)	54.7 (1.94)	45.1 (2.10)	53.0 (1.29)	57.1 (1.47)	50.5 (1.48)	51.1 (1.52)	36.4 (1.60)	51.4 (2.32)
Education specialist <sup>1</sup> .....	8.5 (0.32)	5.9 (0.88)	9.4 (0.79)	7.1 (0.91)	6.2 (1.41)	6.7 (0.69)	6.0 (0.72)	8.2 (0.86)	15.3 (1.22)	8.4 (0.88)	12.6 (1.58)
Doctor's degree .....	2.1 (0.16)	1.9 (0.48)	2.1 (0.36)	3.4 (0.79)	1.0! (0.48)	1.8 (0.33)	3.8 (0.61)	2.1 (0.42)	1.4 (0.35)	1.5 (0.37)	‡ (†)
<b>Major field of study in bachelor's or higher degree<sup>2</sup></b>											
Arts and music .....	9.6 (0.27)	89.8 (1.06)	5.4 (0.51)	2.5 (0.61)	‡ (†)	0.9 (0.25)	0.7! (0.23)	1.0 (0.28)	1.9 (0.43)	2.2 (0.44)	4.2 (0.96)
Education, elementary instruction .....	6.7 (0.28)	2.6 (0.57)	6.6 (0.68)	4.5 (0.76)	3.6 (0.70)	5.5 (0.55)	1.9 (0.33)	2.3 (0.41)	23.2 (1.40)	3.5 (0.49)	17.3 (1.78)
Education, secondary instruction .....	21.6 (0.48)	9.2 (0.91)	31.0 (1.23)	21.6 (1.70)	6.9 (1.47)	27.8 (1.26)	34.7 (1.33)	32.6 (1.49)	6.2 (0.74)	12.3 (0.95)	13.1 (1.56)
Education, special education .....	11.9 (0.31)	1.4 (0.37)	6.8 (0.77)	2.8 (0.67)	3.8 (0.77)	5.2 (0.56)	2.1 (0.38)	3.9 (0.58)	74.2 (1.30)	3.5 (0.53)	7.1 (1.37)
Education, other .....	18.0 (0.41)	10.7 (1.10)	18.3 (1.03)	18.2 (1.44)	21.4 (1.76)	20.2 (1.09)	17.7 (1.03)	20.9 (1.20)	18.2 (1.23)	16.1 (1.10)	17.8 (1.81)
English and language arts .....	16.8 (0.31)	4.4 (0.72)	74.8 (1.15)	13.8 (1.45)	2.7 (0.69)	2.5 (0.44)	1.6 (0.41)	6.2 (0.69)	12.6 (1.13)	4.3 (0.63)	24.3 (1.97)
Foreign languages .....	5.9 (0.22)	0.6! (0.27)	2.3 (0.57)	75.3 (1.79)	0.8! (0.35)	1.4 (0.33)	0.4! (0.17)	1.1! (0.34)	0.7! (0.25)	0.4! (0.19)	8.7 (1.31)
Health and physical education .....	8.0 (0.25)	1.1! (0.39)	1.6 (0.33)	2.0! (0.63)	82.7 (1.51)	2.5 (0.37)	4.4 (0.77)	4.5 (0.62)	5.7 (0.61)	3.3 (0.55)	8.2 (1.17)
Mathematics .....	9.5 (0.30)	‡ (†)	0.3! (0.15)	0.9! (0.35)	1.4! (0.51)	60.8 (1.24)	1.7 (0.36)	‡ (†)	1.1 (0.32)	‡ (†)	3.1 (0.81)
Natural sciences .....	11.8 (0.29)	1.4! (0.44)	0.3! (0.11)	1.8! (0.61)	1.6 (0.42)	9.3 (0.78)	79.3 (1.20)	0.8! (0.25)	2.7 (0.48)	3.3 (0.51)	5.6 (1.16)
Social sciences .....	19.4 (0.43)	4.0 (0.98)	11.2 (0.79)	15.6 (1.55)	6.9 (1.01)	8.6 (0.74)	6.5 (0.68)	81.8 (1.14)	23.7 (1.34)	7.2 (0.81)	19.5 (1.99)
Vocational/technical education .....	13.6 (0.33)	3.5 (0.60)	4.8 (0.67)	5.0 (0.94)	5.2 (0.89)	10.4 (0.79)	6.9 (0.75)	4.6 (0.56)	8.0 (0.86)	65.2 (1.49)	15.5 (1.56)
Other field .....	10.5 (0.33)	6.2 (0.81)	9.7 (0.78)	16.4 (1.52)	8.8 (1.10)	12.3 (0.89)	6.9 (0.79)	7.2 (0.69)	10.5 (0.99)	10.4 (0.96)	30.9 (2.15)
No degree .....	3.7 (0.20)	2.7 (0.51)	1.1 (0.26)	2.0 (0.51)	4.2 (0.78)	2.0 (0.36)	2.5 (0.46)	2.0 (0.37)	1.9 (0.37)	14.7 (1.13)	5.4 (1.08)

†Not applicable.

!Interpret data with caution. The coefficient of variation (CV) for this estimate is between 30 and 50 percent.

‡Reporting standards not met. Either there are too few cases for a reliable estimate or the coefficient of variation (CV) is 50 percent or greater.

<sup>1</sup>Education specialist degrees or certificates are generally awarded for 1 year's work beyond the master's level. Includes certificates of advanced graduate studies.

<sup>2</sup>Data may sum to more than 100 percent because (1) a teacher who reported more than one major is represented in more than one field of study and (2) a teacher with multiple degrees in different fields of study is represented in more than one field of study.

NOTE: Race categories exclude persons of Hispanic ethnicity. Detail may not sum to totals because of rounding. SOURCE: U.S. Department of Education, National Center for Education Statistics, National Teacher and Principal Survey (NTPS), "Public School Teacher Data File," 2015–16. (This table was prepared June 2018.)

**Table 210.10. Percentage of teachers indicating that certain issues are serious problems in their schools, by level and control of school: Selected years, 1987–88 through 2015–16**

[Standard errors appear in parentheses]

Control of school and issue	1987–88 total	1993–94 total	1999–2000 total	2003–04 total	2007–08 total	2011–12				2015–16			
						Total	Elementary schools	Secondary schools	Combined schools	Total	Elementary schools	Secondary schools	Combined schools
	2	3	4	5	6	7	8	9	10	11	12	13	14
<b>Public schools</b>													
Student tardiness .....	10.5 (0.18)	10.5 (0.28)	10.2 (0.22)	13.8 (0.29)	9.8 (0.33)	11.9 (0.33)	8.5 (0.49)	17.6 (0.55)	16.4 (1.11)	12.3 (0.28)	9.0 (0.29)	18.6 (0.60)	10.3 (0.72)
Student absenteeism .....	16.4 (0.23)	14.4 (0.29)	13.9 (0.26)	13.1 (0.31)	11.7 (0.36)	13.9 (0.35)	8.6 (0.49)	22.6 (0.63)	21.9 (1.48)	15.1 (0.32)	10.4 (0.33)	23.3 (0.63)	17.3 (1.06)
Teacher absenteeism .....	2.3 (0.09)	1.5 (0.09)	2.2 (0.10)	1.1 (0.08)	1.5 (0.15)	1.6 (0.14)	1.3 (0.16)	1.8 (0.20)	3.3 (0.58)	2.2 (0.10)	1.7 (0.12)	3.1 (0.21)	2.8 (0.39)
Students cutting class .....	5.9 (0.16)	5.1 (0.12)	4.7 (0.12)	5.5 (0.23)	4.0 (0.20)	4.9 (0.22)	1.2 (0.16)	10.8 (0.47)	10.4 (1.05)	5.1 (0.22)	1.3 (0.11)	11.9 (0.50)	5.8 (0.70)
Physical conflicts among students .....	5.8 (0.18)	8.2 (0.25)	4.8 (0.19)	12.1 (0.29)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)
Robbery or theft .....	3.7 (0.12)	4.1 (0.17)	2.4 (0.11)	3.7 (0.17)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)
Vandalism of school property .....	6.1 (0.15)	6.7 (0.23)	3.4 (0.15)	3.7 (0.16)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)
Student pregnancy .....	6.9 (0.17)	7.3 (0.24)	3.7 (0.12)	2.4 (0.12)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)
Student use of alcohol .....	11.4 (0.18)	9.3 (0.17)	7.4 (0.14)	3.0 (0.10)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)
Student drug abuse .....	8.0 (0.14)	5.7 (0.14)	6.0 (0.11)	4.5 (0.14)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)
Student possession of weapons .....	1.7 (0.06)	2.8 (0.12)	0.8 (0.06)	0.5 (0.05)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)
Verbal abuse of teachers .....	8.1 (0.21)	11.1 (0.26)	— (†)	11.8 (0.31)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)
Student disrespect for teachers .....	— (†)	18.5 (0.35)	17.2 (0.34)	21.6 (0.45)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)
Students dropping out .....	— (†)	5.8 (0.16)	4.6 (0.11)	3.3 (0.13)	3.5 (0.19)	3.1 (0.17)	0.9 (0.16)	6.3 (0.39)	7.7 (0.85)	2.2 (0.13)	0.6 (0.06)	4.7 (0.31)	3.9 (0.50)
Student apathy .....	— (†)	23.6 (0.35)	20.6 (0.30)	16.6 (0.34)	16.5 (0.45)	20.0 (0.44)	13.4 (0.61)	31.4 (0.74)	27.3 (1.41)	18.3 (0.35)	12.2 (0.36)	29.2 (0.55)	20.7 (1.00)
Lack of parental involvement .....	— (†)	27.6 (0.45)	23.7 (0.36)	21.6 (0.42)	19.5 (0.49)	24.6 (0.54)	22.1 (0.77)	28.3 (0.65)	29.4 (1.55)	21.3 (0.39)	19.6 (0.47)	24.0 (0.62)	23.3 (1.19)
Poverty .....	— (†)	19.5 (0.52)	19.2 (0.43)	21.4 (0.45)	22.1 (0.59)	29.0 (0.59)	29.5 (0.86)	26.8 (0.79)	32.4 (2.00)	28.7 (0.48)	29.4 (0.64)	26.9 (0.73)	31.7 (1.37)
Students come unprepared to learn ....	— (†)	28.8 (0.39)	29.5 (0.36)	26.8 (0.46)	24.2 (0.56)	30.2 (0.59)	27.1 (0.86)	35.4 (0.85)	34.9 (1.54)	27.1 (0.42)	24.7 (0.50)	31.5 (0.76)	27.9 (1.31)
Poor student health .....	— (†)	— (†)	— (†)	— (†)	3.3 (0.20)	5.0 (0.25)	5.1 (0.38)	4.4 (0.37)	6.3 (0.63)	5.2 (0.17)	5.3 (0.22)	4.7 (0.26)	6.7 (0.62)
<b>Private schools</b>													
Student tardiness .....	3.6 (0.38)	2.6 (0.23)	2.9 (0.21)	2.8 (0.40)	2.5 (0.28)	3.8 (0.59)	3.7 (0.61)	4.9 (1.11)	‡ (†)	— (†)	— (†)	— (†)	— (†)
Student absenteeism .....	3.7 (0.39)	2.2 (0.19)	2.5 (0.22)	1.9 (0.23)	2.0 (0.23)	3.0 (0.34)	2.1 (0.44)	4.6 (0.99)	‡ (†)	— (†)	— (†)	— (†)	— (†)
Teacher absenteeism .....	0.8 (0.13)	0.8 (0.10)	0.8 (0.11)	‡ (†)	0.5 (0.13)	0.5 (0.12)	‡ (†)	0.7! (0.28)	‡ (†)	— (†)	— (†)	— (†)	— (†)
Students cutting class .....	0.9 (0.16)	0.7 (0.11)	0.8 (0.12)	0.5 (0.11)	0.5! (0.18)	0.7 (0.20)	‡ (†)	‡ (†)	‡ (†)	— (†)	— (†)	— (†)	— (†)
Physical conflicts among students .....	1.3 (0.19)	1.5 (0.15)	1.0 (0.18)	2.4 (0.31)	— (†)	— (†)	— (†)	‡ (†)	‡ (†)	— (†)	— (†)	— (†)	— (†)
Robbery or theft .....	1.3 (0.18)	0.8 (0.10)	0.9 (0.11)	0.4 (0.10)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)
Vandalism of school property .....	1.3 (0.19)	1.2 (0.11)	0.7 (0.11)	0.5 (0.11)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)
Student pregnancy .....	0.6 (0.12)	0.4 (0.06)	0.4 (0.09)	‡ (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)
Student use of alcohol .....	3.6 (0.30)	3.1 (0.19)	3.1 (0.16)	0.7 (0.17)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)
Student drug abuse .....	1.8 (0.24)	1.3 (0.15)	1.8 (0.14)	1.1 (0.25)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)
Student possession of weapons .....	0.4 (0.11)	0.3 (0.06)	0.3 (0.06)	# (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)
Verbal abuse of teachers .....	2.0 (0.24)	2.3 (0.25)	— (†)	2.4 (0.40)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)
Student disrespect for teachers .....	— (†)	3.4 (0.27)	3.8 (0.31)	5.1 (0.37)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)
Students dropping out .....	— (†)	0.6 (0.09)	0.5 (0.10)	0.3! (0.09)	0.4! (0.20)	0.3! (0.13)	‡ (†)	‡ (†)	‡ (†)	— (†)	— (†)	— (†)	— (†)
Student apathy .....	— (†)	4.5 (0.28)	4.3 (0.29)	3.0 (0.39)	3.9 (0.34)	3.6 (0.38)	1.7 (0.42)	7.1 (1.32)	‡ (†)	— (†)	— (†)	— (†)	— (†)
Lack of parental involvement .....	— (†)	4.0 (0.26)	3.4 (0.30)	2.5 (0.37)	2.5 (0.24)	2.7 (0.32)	1.8 (0.34)	3.2 (0.80)	‡ (†)	— (†)	— (†)	— (†)	— (†)
Poverty .....	— (†)	2.7 (0.23)	2.1 (0.21)	2.2 (0.26)	2.0 (0.21)	2.6 (0.33)	2.7 (0.52)	2.8 (0.79)	‡ (†)	— (†)	— (†)	— (†)	— (†)
Students come unprepared to learn ....	— (†)	4.1 (0.28)	4.9 (0.36)	3.5 (0.30)	3.6 (0.34)	3.9 (0.41)	2.0 (0.41)	6.7 (1.07)	‡ (†)	— (†)	— (†)	— (†)	— (†)
Poor student health .....	— (†)	— (†)	— (†)	— (†)	0.7 (0.13)	0.8 (0.21)	0.4! (0.17)	0.5! (0.25)	‡ (†)	— (†)	— (†)	— (†)	— (†)

—Not available.

†Not applicable.

#Rounds to zero.

!Interpret data with caution. The coefficient of variation (CV) for this estimate is between 30 and 50 percent.

‡Reporting standards not met. Data may be suppressed because the response rate is under 50 percent, there are too few cases for a reliable estimate, or the coefficient of variation (CV) is 50 percent or greater.

NOTE: Elementary schools are those with any of grades kindergarten through grade 6 and none of grades 9 through 12. Secondary schools have any of grades 7 through 12, and none of grades kindergarten through grade 6. Combined schools have both elementary and secondary grades, or have all students in ungraded classrooms.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Schools and Staffing Survey (SASS), "Public School Teacher Data File," selected years, 1987–88 through 2011–12; "Private School Teacher Data File," selected years, 1987–88 through 2011–12; and "Charter School Teacher Data File," 1999–2000; and National Teacher and Principal Survey (NTPS), "Public School Teacher Data File," 2015–16. (This table was prepared May 2018.)

**Table 210.30. Mobility of public elementary and secondary teachers, by selected teacher and school characteristics: Selected years, 1987–88 through 2012–13**

[Standard errors appear in parentheses]

Selected teacher or school characteristic	Percent of public school teachers												Left teaching
	Left teaching						2011–12 to 2012–13						
	1987–88 to 1988–89	1993–94 to 1994–95	1999–2000 to 2000–01	2003–04 to 2004–05	2007–08 to 2008–09	Remained in same school	Total moving to another school	Moved to another school					
								Public school in same school district	Public school in different district	Private school			
2	3	4	5	6	7	8	9	10	11	12			
<b>Total</b> .....	<b>5.6 (0.30)</b>	<b>6.6 (0.34)</b>	<b>7.4 (0.37)</b>	<b>8.4 (0.44)</b>	<b>8.0 (0.55)</b>	<b>84.3 (0.98)</b>	<b>8.1 (0.65)</b>	<b>58.8 (3.56)</b>	<b>38.2 (3.63)</b>	<b>2.9 (0.67)</b>	<b>7.7 (0.64)</b>		
<b>Sex</b>													
Male .....	5.1 (0.52)	5.2 (0.32)	7.4 (0.67)	7.7 (0.68)	7.9 (1.13)	85.7 (2.17)	7.9 (1.53)	46.4 (8.74)	51.2 (8.87)	2.3! (0.92)	6.4 (1.13)		
Female .....	5.8 (0.39)	7.1 (0.44)	7.4 (0.45)	8.6 (0.50)	8.0 (0.65)	83.8 (1.03)	8.1 (0.70)	62.6 (3.80)	34.3 (3.85)	3.1 (0.86)	8.1 (0.70)		
<b>Race/ethnicity</b>													
White .....	5.7 (0.32)	6.5 (0.36)	7.5 (0.45)	8.2 (0.50)	8.0 (0.67)	85.0 (0.86)	7.5 (0.63)	58.7 (3.94)	37.7 (3.93)	3.6 (0.90)	7.5 (0.56)		
Black .....	5.1! (1.84)	6.6 (1.48)	7.4 (1.60)	11.0 (2.31)	9.0 (2.27)	78.2 (5.97)	11.7! (4.43)	64.2 (14.00)	35.2! (14.01)	† (†)	10.1! (3.47)		
Hispanic .....	2.9 (0.84)	9.1 (2.14)	7.5 (1.67)	9.3 (1.89)	5.6! (1.81)	79.4 (5.00)	12.6 (3.13)	57.9 (10.56)	41.4 (10.56)	† (†)	8.0! (3.73)		
Asian/Pacific Islander .....	† (†)	2.4 (0.71)	2.1! (0.87)	† (†)	8.0! (3.84)	95.5 (7.98)	† (†)	† (†)	† (†)	† (†)	† (†)		
Asian .....	— (†)	— (†)	— (†)	† (†)	9.6! (4.38)	95.8 (7.75)	† (†)	† (†)	† (†)	† (†)	† (†)		
Pacific Islander .....	— (†)	— (†)	— (†)	† (†)	† (†)	† (†)	† (†)	† (†)	† (†)	† (†)	† (†)		
American Indian/Alaska Native .....	† (†)	3.5! (1.06)	7.6! (3.68)	1.9! (0.77)	† (†)	† (†)	† (†)	† (†)	† (†)	† (†)	† (†)		
Two or more races .....	— (†)	— (†)	— (†)	† (†)	† (†)	88.8 (6.09)	† (†)	† (†)	† (†)	† (†)	† (†)		
<b>Age</b>													
Less than 25 .....	4.3 (0.91)	3.8 (1.05)	9.3 (2.20)	4.8 (1.24)	8.7! (3.11)	73.8 (6.02)	17.1 (3.97)	35.1 (9.35)	60.0 (8.85)	† (†)	† (†)		
25 to 29 .....	9.0 (1.18)	10.0 (1.25)	9.7 (1.39)	10.6 (1.98)	9.4 (2.09)	80.0 (2.93)	12.9 (2.59)	50.9 (9.17)	43.9 (9.14)	5.2! (1.88)	7.1 (1.26)		
30 to 39 .....	5.8 (0.59)	6.7 (0.94)	6.5 (0.88)	6.8 (0.87)	8.4 (1.46)	86.3 (1.50)	8.5 (0.98)	59.0 (6.36)	39.7 (6.42)	1.3! (0.78)	5.3 (1.10)		
40 to 49 .....	2.4 (0.32)	3.9 (0.54)	4.6 (0.62)	5.3 (0.73)	3.9 (0.91)	90.1 (1.46)	5.9 (1.00)	65.9 (6.57)	33.3 (6.52)	† (†)	4.0 (0.88)		
50 to 59 .....	5.7 (0.82)	6.3 (0.77)	8.1 (0.80)	9.8 (0.82)	8.4 (1.26)	83.0 (1.96)	6.6 (1.24)	67.5 (8.28)	29.0 (8.22)	† (†)	10.5 (1.44)		
60 to 64 .....	23.4 (4.90)	30.5 (4.78)	25.7 (5.44)	28.0 (4.35)	17.5 (5.10)	73.3 (6.04)	7.0! (2.77)	52.9! (20.56)	† (†)	† (†)	19.7 (4.44)		
65 and over .....	† (†)	34.1 (7.79)	16.6! (5.44)	21.2 (5.95)	10.4! (4.84)	70.0 (14.55)	† (†)	† (†)	† (†)	† (†)	24.8! (11.73)		
<b>Full- and part-time teaching experience</b>													
1 year or less .....	7.9 (0.96)	5.7 (0.82)	10.5 (1.93)	9.6 (1.66)	11.4! (3.94)	79.0 (6.34)	13.4! (4.63)	43.2 (8.33)	52.6 (7.94)	† (†)	7.6! (3.14)		
2 years .....	7.3 (1.81)	9.1 (1.51)	8.5 (1.94)	6.4 (1.43)	8.8! (2.93)	78.0 (4.02)	14.5 (2.53)	26.0 (7.02)	68.1 (7.62)	5.9! (2.44)	7.5! (2.31)		
3 years .....	9.3 (1.50)	9.8 (1.42)	7.5 (1.60)	7.7 (1.55)	9.0! (3.11)	84.0 (3.13)	9.8 (2.54)	46.1 (11.39)	48.0 (11.80)	† (†)	6.2 (1.56)		
4 to 10 years .....	6.4 (0.89)	6.8 (0.94)	7.3 (0.72)	8.1 (0.98)	8.1 (1.27)	81.3 (1.95)	11.3 (1.33)	62.0 (6.39)	36.3 (6.42)	1.8! (0.72)	7.4 (1.48)		
11 to 20 years .....	3.5 (0.42)	4.9 (0.64)	5.2 (0.74)	5.5 (0.70)	4.3 (0.89)	89.5 (1.51)	5.3 (1.04)	63.1 (6.55)	35.6 (6.48)	† (†)	5.2 (0.88)		
21 to 25 years .....	3.5 (0.87)	4.0 (0.81)	4.2 (0.68)	6.6 (1.23)	5.8! (2.31)	87.5 (2.74)	6.6! (2.16)	63.1 (16.69)	35.1! (16.83)	† (†)	5.9 (1.33)		
More than 25 years .....	11.3 (1.63)	12.0 (1.04)	11.4 (1.05)	14.3 (1.13)	12.6 (2.12)	79.4 (2.26)	4.5 (1.10)	73.5 (12.38)	† (†)	† (†)	16.1 (2.06)		
<b>Grade level taught</b>													
Elementary (preK–grade 8) ..	5.5 (0.39)	6.4 (0.53)	6.8 (0.45)	8.4 (0.68)	7.9 (1.01)	84.1 (1.27)	8.9 (0.99)	66.5 (4.90)	30.5 (4.98)	3.0! (1.12)	7.1 (0.77)		
Secondary (grades 9–12) ....	5.6 (0.42)	6.7 (0.53)	8.6 (0.71)	8.4 (0.59)	8.0 (0.75)	84.5 (1.37)	7.2 (0.82)	48.8 (5.19)	48.4 (5.16)	2.8 (0.74)	8.3 (0.94)		
<b>School size</b>													
Less than 150 .....	7.3 (1.36)	6.4 (1.15)	9.5 (2.29)	12.1 (2.92)	† (†)	85.4 (3.62)	7.6! (2.83)	36.5 (7.43)	59.0 (7.59)	† (†)	7.0 (1.97)		
150 to 349 .....	4.8 (0.45)	7.8 (1.03)	6.7 (0.99)	10.3 (1.58)	7.3 (1.26)	84.2 (2.66)	8.1 (1.83)	49.1 (8.80)	47.1 (8.52)	3.7! (1.64)	7.7 (1.60)		
350 to 499 .....	6.1 (0.98)	5.8 (0.73)	7.4 (0.85)	8.6 (1.16)	9.4 (2.28)	84.2 (1.93)	8.0 (1.17)	66.0 (5.53)	30.8 (5.13)	† (†)	7.8 (1.45)		
500 to 749 .....	5.6 (0.77)	7.6 (0.67)	7.1 (0.78)	7.0 (0.75)	5.3 (0.79)	82.9 (1.78)	9.2 (1.40)	68.6 (6.24)	28.2 (6.65)	† (†)	7.8 (1.24)		
750 or more .....	5.0 (0.48)	5.7 (0.57)	7.7 (0.74)	8.2 (0.79)	8.9 (1.01)	85.1 (1.89)	7.3 (1.12)	51.9 (6.90)	45.9 (7.01)	2.2! (0.77)	7.5 (1.07)		
<b>Percent of students who are Black, Hispanic, Asian, Pacific Islander, American Indian/Alaska Native, or Two or more races<sup>1</sup></b>													
Less than 5 percent .....	5.1 (0.56)	8.0 (0.93)	6.8 (0.96)	7.6 (1.13)	8.6 (1.97)	85.9 (3.16)	7.6! (2.83)	79.2 (11.49)	† (†)	† (†)	6.5 (1.30)		
5 to 19 percent .....	5.8 (0.74)	6.0 (0.71)	6.8 (0.65)	7.5 (0.75)	7.8 (1.75)	87.6 (1.37)	5.4 (0.86)	46.8 (6.94)	50.6 (7.02)	2.6! (1.17)	7.0 (1.04)		
20 to 49 percent .....	5.2 (0.64)	6.2 (0.82)	9.4 (0.96)	6.5 (0.60)	8.1 (1.42)	86.4 (1.13)	7.3 (0.93)	62.0 (4.66)	34.2 (4.33)	3.8! (1.86)	6.3 (0.80)		
50 percent or more .....	5.3 (0.66)	6.8 (0.72)	6.8 (0.62)	10.3 (0.84)	7.9 (0.82)	80.5 (1.88)	10.4 (1.26)	62.7 (4.94)	34.1 (5.04)	3.2! (1.00)	9.1 (1.23)		
<b>Percent of students approved for free or reduced-price lunch</b>													
0 to 25.0 percent .....	— (†)	— (†)	— (†)	8.1 (0.69)	8.4 (1.06)	87.8 (1.79)	6.2 (1.30)	61.4 (7.11)	36.3 (6.82)	† (†)	6.0 (0.98)		
25.1 to 50.0 percent .....	— (†)	— (†)	— (†)	7.3 (0.63)	9.8 (1.55)	85.8 (1.78)	6.2 (0.95)	58.4 (6.96)	39.1 (6.68)	† (†)	7.9 (1.36)		
50.1 to 75.0 percent .....	— (†)	— (†)	— (†)	9.0 (1.21)	8.8 (1.77)	84.1 (1.75)	8.7 (1.23)	55.9 (7.11)	40.5 (7.05)	† (†)	7.1 (1.20)		
More than 75.0 percent .....	— (†)	— (†)	— (†)	10.4 (1.49)	5.5 (0.90)	77.9 (2.88)	12.3 (1.79)	60.8 (6.16)	36.7 (6.16)	2.5! (1.14)	9.9 (1.85)		
School did not respond or did not participate in program .....	— (†)	— (†)	— (†)	14.3 (2.44)	14.3 (1.73)	85.8 (4.95)	† (†)	40.0! (15.95)	36.7! (16.68)	† (†)	10.7! (3.67)		
<b>Locale</b>													
City .....	— (†)	— (†)	— (†)	10.1 (1.05)	7.5 (1.01)	82.3 (2.35)	9.7 (1.54)	66.2 (6.58)	30.9 (6.59)	2.9! (1.20)	7.9 (1.44)		
Suburban .....	— (†)	— (†)	— (†)	8.3 (0.83)	8.3 (1.08)	84.9 (1.43)	7.8 (1.12)	60.0 (6.03)	36.9 (6.33)	3.1! (1.52)	7.3 (0.90)		
Town .....	— (†)	— (†)	— (†)	6.5 (0.76)	7.5! (2.51)	86.3 (2.15)	7.3 (1.56)	55.0 (9.53)	39.9 (8.77)	† (†)	6.4 (1.10)		
Rural .....	— (†)	— (†)	— (†)	7.9 (0.99)	8.4 (1.44)	84.6 (1.69)	7.0 (1.08)	48.9 (7.30)	49.3 (7.18)	† (†)	8.4 (1.23)		

—Not available.

†Not applicable.

!Interpret data with caution. The coefficient of variation (CV) for this estimate is between 30 and 50 percent.

‡Reporting standards not met. Either there are too few cases for a reliable estimate or the coefficient of variation (CV) is 50 percent or greater.

<sup>1</sup>Data were not available for approximately 4 percent of teachers for 2011–12 to 2012–13.

NOTE: Race categories exclude persons of Hispanic ethnicity. Detail may not sum to totals because of rounding.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Schools and Staffing Survey (SASS), *Characteristics of Stayers, Movers, and Leavers: Results From the Teacher Follow-up Survey 1994–95; Teacher Attrition and Mobility: Results From the Teacher Follow-up Survey: 2000–01*; “Public School Teacher Data File,” 2003–04, 2007–08, and 2011–12; and Teacher Follow-up Survey (TFS), “Current and Former Teacher Data Files,” 1988–89, 2004–05, 2008–09, and 2012–13. (This table was prepared October 2014.)

**Table 211.20. Average base salary for full-time teachers in public elementary and secondary schools, by highest degree earned and years of teaching experience: Selected years, 1990–91 through 2015–16**

[Standard errors appear in parentheses]

Years of full- and part-time teaching experience <sup>1</sup>	Number of full-time teachers	Salary (current dollars)					Salary (constant 2016–17 dollars) <sup>2</sup>					
		Highest degree earned					Highest degree earned					
		All teachers <sup>3</sup>	Bachelor's degree	Master's degree	Education specialist <sup>4</sup>	Doctor's degree	All teachers <sup>3</sup>	Bachelor's degree	Master's degree	Education specialist <sup>4</sup>	Doctor's degree	
1	2	3	4	5	6	7	8	9	10	11	12	
<b>1990–91</b>												
<b>Total .....</b>	<b>2,336,750 (20,958)</b>	<b>\$31,330 (97)</b>	<b>\$27,740 (103)</b>	<b>\$34,960 (125)</b>	<b>\$37,230 (391)</b>	<b>\$40,070 (617)</b>	<b>\$56,770 (176)</b>	<b>\$50,260 (186)</b>	<b>\$63,340 (227)</b>	<b>\$67,460 (708)</b>	<b>\$72,600 (1,480)</b>	
1 year or less .....	80,770 (2,952)	21,640 (182)	21,170 (172)	25,330 (772)	‡ (†)	‡ (†)	39,200 (330)	38,360 (311)	45,910 (1,400)	‡ (†)	‡ (†)	
2 years .....	80,330 (2,981)	21,990 (166)	21,590 (157)	24,650 (527)	‡ (†)	‡ (†)	39,850 (301)	39,110 (284)	44,670 (955)	‡ (†)	‡ (†)	
3 years .....	77,380 (2,796)	22,770 (189)	22,170 (179)	25,980 (760)	‡ (†)	‡ (†)	41,250 (342)	40,180 (324)	47,070 (1,378)	‡ (†)	‡ (†)	
4 years .....	75,400 (3,346)	23,690 (228)	23,090 (232)	25,570 (425)	30,280 (1,601)	‡ (†)	42,930 (412)	41,830 (420)	46,320 (770)	54,870 (2,901)	‡ (†)	
5 years .....	77,130 (3,280)	24,710 (182)	23,840 (216)	26,530 (394)	29,280 (1,325)	‡ (†)	44,780 (329)	43,200 (391)	48,070 (715)	53,060 (2,401)	‡ (†)	
6 to 9 years .....	299,950 (6,518)	26,180 (114)	24,650 (135)	28,570 (215)	29,810 (765)	30,060 (1,551)	47,440 (207)	44,660 (244)	51,770 (389)	54,020 (1,387)	54,470 (2,811)	
10 to 14 years .....	406,650 (7,245)	29,120 (120)	26,980 (156)	31,240 (217)	32,940 (601)	35,430 (1,665)	52,760 (217)	48,880 (283)	56,610 (393)	59,690 (1,090)	64,200 (3,017)	
15 to 19 years .....	459,540 (7,922)	33,350 (191)	30,580 (234)	35,110 (251)	37,460 (836)	39,890 (1,495)	60,430 (345)	55,400 (424)	63,630 (454)	67,880 (1,515)	72,270 (2,709)	
20 to 24 years .....	404,020 (8,354)	36,750 (214)	33,750 (280)	38,330 (243)	39,190 (840)	43,500 (1,387)	66,590 (389)	61,160 (507)	69,460 (440)	71,000 (1,521)	78,830 (2,513)	
25 to 29 years .....	233,620 (6,196)	38,070 (279)	34,960 (358)	39,730 (362)	42,320 (1,106)	43,070 (2,031)	68,990 (505)	63,350 (648)	71,990 (656)	76,690 (2,004)	78,050 (3,680)	
30 to 34 years .....	106,160 (4,942)	38,430 (379)	34,840 (461)	40,510 (450)	41,460 (1,591)	‡ (†)	69,640 (687)	63,140 (835)	73,400 (815)	75,130 (2,884)	‡ (†)	
35 years or more ..	35,790 (2,404)	39,180 (744)	34,650 (1,013)	41,430 (983)	48,740 (3,767)	‡ (†)	71,000 (1,349)	62,790 (1,835)	75,070 (1,781)	88,310 (6,826)	‡ (†)	
<b>1999–2000</b>												
<b>Total .....</b>	<b>2,742,210 (20,301)</b>	<b>\$39,900 (118)</b>	<b>\$35,310 (116)</b>	<b>\$44,730 (174)</b>	<b>\$48,000 (438)</b>	<b>\$48,180 (1,418)</b>	<b>\$57,190 (170)</b>	<b>\$50,610 (166)</b>	<b>\$64,110 (249)</b>	<b>\$68,800 (628)</b>	<b>\$69,050 (2,033)</b>	
1 year or less .....	143,610 (4,949)	29,090 (179)	28,110 (160)	33,170 (543)	33,680 (1,012)	‡ (†)	41,690 (257)	40,290 (229)	47,540 (778)	48,270 (1,450)	‡ (†)	
2 years .....	150,130 (5,012)	29,420 (186)	28,560 (178)	32,990 (423)	‡ (†)	‡ (†)	42,170 (267)	40,940 (255)	47,290 (606)	‡ (†)	‡ (†)	
3 years .....	144,250 (4,943)	30,270 (150)	29,240 (190)	34,020 (298)	34,050 (1,629)	‡ (†)	43,390 (215)	41,910 (273)	48,770 (427)	48,800 (2,335)	‡ (†)	
4 years .....	127,330 (5,613)	31,810 (249)	30,540 (213)	35,380 (735)	33,960 (1,089)	‡ (†)	45,600 (356)	43,780 (305)	50,710 (1,053)	48,680 (1,561)	‡ (†)	
5 years .....	121,310 (4,583)	32,220 (272)	30,940 (273)	34,750 (412)	37,240 (2,225)	‡ (†)	46,190 (390)	44,340 (391)	49,810 (591)	53,380 (3,189)	‡ (†)	
6 to 9 years .....	387,160 (8,145)	34,640 (154)	32,350 (173)	37,480 (227)	39,980 (753)	39,610 (2,802)	49,660 (221)	46,370 (248)	53,730 (325)	57,310 (1,080)	56,770 (4,016)	
10 to 14 years .....	375,830 (6,514)	38,710 (254)	35,510 (364)	41,430 (330)	44,560 (1,022)	43,370 (2,096)	55,490 (364)	50,900 (522)	59,390 (473)	63,870 (1,464)	62,170 (3,004)	
15 to 19 years .....	325,840 (7,677)	42,940 (222)	39,930 (334)	45,380 (341)	47,150 (942)	46,470 (1,481)	61,550 (318)	57,240 (478)	65,040 (489)	67,580 (1,350)	66,600 (2,123)	
20 to 24 years .....	361,420 (7,306)	45,300 (252)	41,160 (290)	48,260 (392)	47,970 (874)	47,150 (1,410)	64,940 (361)	59,000 (416)	69,180 (562)	68,760 (1,253)	67,580 (2,022)	
25 to 29 years .....	349,650 (7,057)	48,550 (267)	44,540 (320)	50,400 (390)	53,330 (743)	60,790 (2,519)	69,580 (383)	63,840 (458)	72,230 (560)	76,450 (1,065)	87,130 (3,610)	
30 to 34 years .....	199,420 (5,990)	51,910 (375)	47,040 (601)	53,940 (435)	56,590 (1,381)	‡ (†)	74,410 (537)	67,430 (862)	77,320 (623)	81,110 (1,980)	‡ (†)	
35 years or more ..	56,270 (3,030)	50,640 (635)	46,440 (1,234)	52,270 (878)	57,160 (2,395)	‡ (†)	72,580 (910)	66,560 (1,769)	74,920 (1,259)	81,940 (3,432)	‡ (†)	
<b>2007–08</b>												
<b>Total .....</b>	<b>3,114,690 (41,111)</b>	<b>\$49,630 (203)</b>	<b>\$43,650 (220)</b>	<b>\$54,810 (281)</b>	<b>\$58,420 (722)</b>	<b>\$59,150 (1,620)</b>	<b>\$56,880 (233)</b>	<b>\$50,030 (252)</b>	<b>\$62,820 (322)</b>	<b>\$66,970 (827)</b>	<b>\$67,800 (1,857)</b>	
1 year or less .....	181,340 (10,618)	37,660 (296)	36,210 (301)	42,370 (855)	45,930 (3,571)	‡ (†)	43,170 (340)	41,500 (345)	48,560 (980)	52,650 (4,093)	‡ (†)	
2 years .....	176,370 (10,008)	38,420 (365)	36,860 (372)	42,230 (792)	46,720 (4,534)	‡ (†)	44,040 (418)	42,250 (426)	48,400 (907)	53,560 (5,197)	‡ (†)	
3 years .....	174,150 (8,827)	39,720 (344)	37,570 (366)	44,210 (627)	51,270 (4,903)	‡ (†)	45,530 (395)	43,060 (420)	50,670 (719)	58,770 (5,619)	‡ (†)	
4 years .....	172,750 (7,679)	41,000 (413)	38,440 (416)	45,090 (640)	48,460 (2,574)	‡ (†)	46,990 (473)	44,060 (476)	51,690 (734)	55,540 (2,950)	‡ (†)	
5 years .....	147,760 (7,678)	42,370 (515)	39,200 (449)	46,170 (883)	47,630 (3,308)	‡ (†)	48,560 (590)	44,940 (514)	52,920 (1,013)	54,590 (3,792)	‡ (†)	
6 to 9 years .....	546,350 (12,759)	46,020 (265)	41,640 (372)	49,860 (500)	51,030 (1,128)	52,390 (2,491)	52,750 (303)	47,730 (427)	57,150 (573)	58,490 (1,293)	60,050 (2,855)	
10 to 14 years .....	515,020 (14,623)	49,920 (369)	44,880 (443)	52,920 (544)	56,120 (1,259)	60,920 (4,249)	57,220 (423)	51,440 (508)	60,650 (624)	64,320 (1,443)	69,820 (4,870)	
15 to 19 years .....	351,510 (13,286)	54,550 (465)	48,000 (549)	58,590 (684)	59,930 (1,397)	63,190 (3,501)	62,520 (533)	55,020 (629)	67,150 (784)	68,690 (1,601)	72,430 (4,013)	
20 to 24 years .....	297,710 (12,318)	57,570 (591)	52,550 (811)	60,530 (739)	63,620 (1,960)	66,600 (6,196)	65,990 (678)	60,230 (930)	69,390 (848)	72,920 (2,247)	76,330 (7,102)	
25 to 29 years .....	236,280 (9,186)	59,890 (676)	54,090 (822)	63,460 (1,025)	64,410 (2,199)	‡ (†)	68,640 (775)	62,000 (942)	72,740 (1,175)	73,830 (2,521)	‡ (†)	
30 to 34 years .....	208,120 (9,566)	60,940 (656)	55,080 (1,007)	63,380 (848)	66,540 (2,552)	71,350 (4,668)	69,850 (752)	63,130 (1,154)	72,640 (973)	76,270 (2,925)	81,780 (5,350)	
35 years or more ..	107,310 (6,873)	62,530 (1,002)	55,230 (1,467)	65,570 (1,488)	67,740 (2,872)	‡ (†)	71,670 (1,148)	63,310 (1,681)	75,160 (1,706)	77,640 (3,292)	‡ (†)	

See notes at end of table.



**Table 211.30. Average base salary for full-time public elementary and secondary school teachers with a bachelor's degree as their highest degree, by years of teaching experience and state: Selected years, 1993–94 through 2011–12**

[Amounts in current dollars. Standard errors appear in parentheses]

State	1993–94, total			1999–2000, total			2003–04, total			2007–08			2011–12											
										Years of full- and part-time teaching experience <sup>1</sup>			Years of full- and part-time teaching experience <sup>1</sup>											
	2		3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18						
<b>United States</b>	<b>\$30,150</b>	<b>(97)</b>	<b>\$35,310</b>	<b>(116)</b>	<b>\$39,200</b>	<b>(300)</b>	<b>\$43,650</b>	<b>(220)</b>	<b>\$36,520</b>	<b>(258)</b>	<b>\$54,010</b>	<b>(449)</b>	<b>\$46,340</b>	<b>(225)</b>	<b>\$37,660</b>	<b>(299)</b>	<b>\$39,630</b>	<b>(245)</b>	<b>\$43,800</b>	<b>(416)</b>	<b>\$50,250</b>	<b>(441)</b>	<b>\$56,620</b>	<b>(591)</b>
Alabama	24,450	(151)	31,300	(210)	32,750	(256)	39,210	(381)	34,970	(413)	44,260	(1,155)	41,010	(641)	34,760	(716)	38,120	(831)	40,130	(603)	43,670	(1,235)	46,810	(978)
Alaska	42,620	(308)	42,170	(269)	46,160	(720)	51,950	(747)	40,420	(772)	63,190	(1,761)	58,800	(2,016)	47,650	(1,747)	50,750	(2,405)	±	(†)	64,830	(2,444)	±	(†)
Arizona	28,050	(347)	30,110	(491)	33,370	(556)	36,880	(571)	33,660	(425)	45,520	(1,603)	36,960	(644)	32,850	(561)	34,810	(877)	35,490	(792)	40,340	(707)	46,640	(3,131)
Arkansas	24,970	(199)	29,810	(345)	32,710	(328)	40,220	(418)	33,030	(632)	44,680	(885)	41,830	(1,073)	37,000	(1,398)	36,200	(1,204)	39,440	(1,182)	43,580	(975)	47,580	(2,923)
California	37,330	(412)	41,930	(301)	51,210	(704)	56,950	(966)	44,450	(1,086)	72,670	(1,185)	62,010	(1,031)	43,600	(1,288)	48,240	(904)	57,270	(2,304)	66,220	(1,085)	73,690	(1,765)
Colorado	27,590	(391)	32,180	(428)	36,140	(699)	38,090	(884)	32,970	(690)	47,260	(2,809)	40,770	(1,284)	33,020	(940)	34,780	(677)	40,280	(1,164)	47,250	(2,553)	±	(†)
Connecticut	40,510	(645)	38,530	(883)	48,380	(1,997)	49,700	(1,286)	40,600	(864)	±	(†)	53,300	(1,578)	±	(†)	45,860	(1,417)	±	(†)	±	(†)	±	(†)
Delaware	31,400	(375)	37,620	(893)	41,210	(991)	45,880	(960)	±	(†)	±	(†)	47,000	(1,504)	±	(†)	±	(†)	±	(†)	±	(†)	±	(†)
District of Columbia	37,690	(645)	40,980	(593)	48,350	(1,290)	54,970	(2,025)	±	(†)	±	(†)	±	(†)	±	(†)	±	(†)	±	(†)	±	(†)	±	(†)
Florida	28,970	(229)	33,650	(407)	36,460	(624)	41,640	(554)	36,080	(528)	55,120	(1,165)	±	(†)	±	(†)	±	(†)	±	(†)	±	(†)	±	(†)
Georgia	25,650	(215)	33,610	(373)	37,160	(490)	41,640	(760)	34,580	(573)	54,300	(1,189)	42,490	(1,032)	38,120	(4,553)	37,790	(859)	40,560	(961)	45,060	(947)	49,800	(1,711)
Hawaii	34,060	(460)	36,710	(533)	39,250	(887)	45,380	(922)	37,960	(1,431)	±	(†)	±	(†)	±	(†)	±	(†)	±	(†)	±	(†)	±	(†)
Idaho	24,610	(252)	31,500	(208)	36,150	(627)	39,870	(609)	31,030	(635)	48,350	(1,088)	38,680	(794)	30,520	(322)	33,300	(2,395)	32,720	(624)	42,490	(954)	47,460	(1,094)
Illinois	29,480	(277)	35,250	(563)	38,730	(791)	42,740	(836)	36,020	(940)	53,120	(1,949)	45,660	(1,156)	37,400	(1,444)	40,650	(1,109)	46,510	(1,716)	52,110	(2,977)	54,570	(2,448)
Indiana	25,400	(329)	30,760	(296)	34,600	(640)	38,670	(786)	32,910	(445)	±	(†)	42,900	(1,489)	33,850	(820)	36,240	(599)	39,340	(1,124)	47,820	(1,438)	±	(†)
Iowa	24,950	(319)	28,910	(279)	33,600	(696)	35,240	(500)	28,510	(873)	40,470	(940)	41,040	(759)	32,760	(1,816)	36,140	(852)	39,600	(1,206)	45,230	(1,405)	45,070	(1,869)
Kansas	25,930	(135)	29,430	(264)	32,290	(326)	37,160	(476)	34,430	(554)	41,830	(968)	38,120	(438)	35,800	(980)	35,470	(472)	37,410	(867)	39,170	(673)	42,480	(1,147)
Kentucky	24,910	(457)	27,720	(358)	31,610	(468)	35,640	(608)	33,460	(1,011)	±	(†)	38,840	(896)	35,990	(792)	36,670	(445)	±	(†)	±	(†)	±	(†)
Louisiana	22,520	(159)	28,020	(476)	32,590	(489)	39,880	(462)	36,170	(885)	44,780	(1,014)	43,040	(614)	39,110	(829)	39,560	(1,089)	42,490	(1,153)	44,100	(975)	47,560	(957)
Maine	28,550	(330)	34,690	(775)	36,650	(606)	38,770	(651)	31,200	(597)	46,260	(1,321)	43,710	(1,023)	±	(†)	34,410	(1,621)	37,650	(1,055)	44,490	(819)	52,640	(1,293)
Maryland	33,520	(476)	37,760	(683)	42,960	(1,313)	50,680	(1,213)	41,270	(492)	67,040	(1,434)	±	(†)	±	(†)	±	(†)	±	(†)	±	(†)	±	(†)
Massachusetts	34,340	(309)	40,410	(464)	43,930	(964)	50,880	(917)	37,000	(819)	58,670	(2,123)	56,360	(2,123)	±	(†)	46,880	(3,022)	±	(†)	±	(†)	±	(†)
Michigan	37,170	(670)	39,950	(838)	45,230	(682)	47,440	(1,612)	35,320	(761)	58,460	(1,811)	47,260	(1,588)	36,320	(1,449)	38,000	(808)	45,550	(1,937)	58,260	(2,276)	60,740	(2,401)
Minnesota	31,010	(419)	35,270	(685)	39,030	(566)	41,760	(593)	33,380	(585)	52,210	(870)	45,250	(1,184)	35,960	(2,657)	37,070	(888)	41,460	(2,065)	48,020	(1,136)	55,470	(2,190)
Mississippi	22,640	(106)	28,000	(186)	31,890	(425)	36,610	(344)	32,660	(428)	43,780	(809)	36,030	(520)	31,850	(772)	33,480	(487)	34,080	(658)	39,220	(802)	44,490	(1,504)
Missouri	23,510	(286)	28,020	(378)	31,340	(547)	34,730	(553)	31,190	(658)	40,190	(1,383)	36,640	(941)	36,260	(2,740)	33,990	(860)	35,560	(1,270)	38,050	(1,721)	42,310	(1,989)
Montana	24,070	(199)	27,920	(256)	31,870	(522)	35,880	(597)	26,620	(556)	43,490	(992)	38,470	(1,155)	28,390	(1,190)	30,120	(1,240)	35,710	(1,469)	40,280	(1,521)	48,760	(1,671)
Nebraska	22,580	(388)	26,090	(254)	30,300	(435)	34,190	(805)	29,180	(320)	37,720	(1,423)	38,670	(912)	34,050	(1,138)	34,290	(814)	34,750	(1,170)	40,890	(1,255)	44,010	(1,934)
Nevada	29,350	(285)	34,470	(434)	35,970	(700)	40,060	(619)	34,010	(476)	48,800	(2,143)	45,100	(1,913)	±	(†)	±	(†)	±	(†)	51,070	(2,942)	±	(†)
New Hampshire	31,280	(437)	34,210	(542)	38,800	(644)	43,910	(843)	33,670	(1,166)	51,550	(1,158)	48,320	(1,394)	±	(†)	±	(†)	±	(†)	43,040	(1,902)	50,790	(1,921)
New Jersey	41,330	(744)	46,720	(653)	49,780	(1,049)	54,580	(1,091)	45,280	(1,053)	72,790	(2,571)	61,120	(1,391)	49,180	(1,123)	48,780	(733)	54,380	(1,314)	65,290	(2,265)	78,390	(3,286)
New Mexico	25,260	(224)	29,290	(363)	34,310	(470)	39,830	(596)	32,470	(878)	46,440	(1,532)	41,460	(747)	34,580	(1,921)	36,690	(1,632)	42,620	(851)	42,510	(1,443)	46,730	(991)
New York	39,650	(1,152)	41,600	(1,094)	42,630	(1,074)	48,520	(2,004)	42,660	(1,249)	±	(†)	60,460	(2,704)	±	(†)	±	(†)	±	(†)	±	(†)	±	(†)
North Carolina	26,010	(220)	31,920	(331)	33,650	(479)	37,050	(469)	30,910	(511)	48,020	(845)	37,660	(545)	31,810	(678)	32,040	(915)	35,270	(640)	39,560	(817)	46,260	(1,192)
North Dakota	22,450	(193)	25,910	(279)	30,870	(490)	34,790	(695)	27,190	(473)	38,730	(1,122)	40,470	(1,666)	33,190	(767)	35,180	(711)	37,650	(1,015)	43,820	(2,066)	45,120	(2,858)
Ohio	30,370	(399)	35,120	(583)	41,600	(891)	41,670	(1,567)	34,750	(1,520)	54,800	(1,607)	46,070	(1,116)	34,620	(1,272)	36,760	(700)	42,440	(1,685)	51,220	(1,728)	60,010	(2,090)
Oklahoma	24,880	(108)	27,400	(224)	31,190	(211)	35,880	(226)	32,180	(435)	41,200	(444)	36,700	(371)	32,770	(983)	33,330	(467)	33,790	(407)	37,950	(419)	42,750	(1,085)
Oregon	31,310	(440)	38,370	(613)	42,430	(865)	46,930	(1,282)	31,870	(592)	53,560	(1,750)	51,260	(1,653)	±	(†)	±	(†)	±	(†)	52,280	(2,286)	58,100	(1,756)
Pennsylvania	37,260	(523)	42,620	(826)	44,250	(963)	47,780	(1,162)	39,350	(946)	63,200	(1,836)	54,210	(1,485)	42,220	(887)	43,840	(1,371)	46,530	(1,678)	57,480	(2,366)	72,640	(2,771)
Rhode Island	38,000	(522)	43,900	(357)	49,360	(834)	56,680	(1,362)	±	(†)	±	(†)	±	(†)	±	(†)	±	(†)	±	(†)	±	(†)	±	(†)
South Carolina	25,120	(280)	29,820	(300)	34,950	(483)	37,150	(606)	31,270	(504)	45,790	(973)	39,380	(1,077)	32,820	(686)	33,120	(623)	36,030	(1,076)	±	(†)	±	(†)
South Dakota	22,000	(186)	26,000	(230)	29,360	(301)	32,180	(445)	27,400	(406)	36,360	(754)	34,870	(601)	32,760	(2,575)	30,670	(627)	32,010	(494)	34,980	(905)	38,740	(1,289)
Tennessee	25,650	(291)	30,830	(378)	34,510	(432)	37,420	(553)	32,990	(481)	43,400	(1,363)	39,420	(877)	34,420	(2,755)	37,380	(1,322)	38,740	(1,120)	41,100	(924)	45,900	(1,820)
Texas	26,950	(295)	34,770	(386)	38,140	(278)	42,890	(480)	38,550	(698)	48,900	(767)	46,820	(440)	40,910	(959)	43,610	(570						

**Table 211.40. Average base salary for full-time public elementary and secondary school teachers with a master's degree as their highest degree, by years of teaching experience and state: 1993–94 through 2011–12**

[Amounts in current dollars. Standard errors appear in parentheses]

State	1993–94, total	1999–2000, total	2003–04, total	2007–08						2011–12					
				Total	Years of full- and part-time experience <sup>1</sup>			Total	Years of full- and part-time experience <sup>1</sup>						
					6 to 10 years	11 to 20 years	Over 20 years		5 or fewer years	6 to 10 years	11 to 20 years	Over 20 years			
1	2	3	4	5	6	7	8	9	10	11	12	13			
<b>United States</b>	<b>\$38,480 (154)</b>	<b>\$44,700 (174)</b>	<b>\$49,440 (202)</b>	<b>\$54,810 (281)</b>	<b>\$50,090 (394)</b>	<b>\$56,270 (507)</b>	<b>\$62,990 (554)</b>	<b>\$57,830 (352)</b>	<b>\$45,330 (698)</b>	<b>\$51,780 (458)</b>	<b>\$60,560 (506)</b>	<b>\$67,010 (579)</b>			
Alabama	28,920 (156)	36,930 (145)	39,730 (383)	46,980 (436)	45,210 (769)	48,070 (495)	50,960 (1,098)	48,410 (367)	44,440 (753)	45,980 (759)	49,430 (477)	51,970 (543)			
Alaska	50,900 (373)	51,170 (662)	53,720 (1,005)	58,640 (800)	53,930 (1,059)	60,660 (1,044)	65,300 (1,265)	64,240 (2,039)	52,440 (1,374)	± (†)	67,900 (3,388)	± (†)			
Arizona	35,280 (302)	38,150 (465)	41,310 (531)	43,910 (701)	39,480 (920)	44,740 (824)	52,280 (1,355)	42,560 (660)	36,160 (608)	39,540 (945)	45,140 (1,048)	48,340 (1,150)			
Arkansas	29,070 (322)	34,830 (483)	39,480 (639)	45,460 (678)	43,110 (1,399)	44,220 (1,073)	50,440 (983)	47,100 (921)	41,060 (937)	42,230 (1,199)	49,330 (1,587)	53,840 (1,848)			
California	43,420 (636)	50,800 (537)	59,160 (761)	65,040 (982)	59,450 (1,065)	67,460 (1,568)	78,210 (1,147)	67,830 (981)	49,470 (1,458)	60,820 (1,112)	69,220 (1,747)	81,320 (1,047)			
Colorado	36,580 (364)	41,200 (445)	47,960 (641)	50,140 (1,069)	45,400 (1,721)	54,190 (1,624)	60,750 (1,751)	52,760 (1,280)	42,050 (2,312)	46,110 (1,581)	54,850 (1,521)	67,240 (3,758)			
Connecticut	49,310 (416)	50,620 (590)	57,340 (934)	62,480 (762)	56,960 (1,026)	67,970 (1,358)	72,250 (825)	67,040 (996)	51,450 (1,574)	58,330 (1,442)	72,750 (1,136)	77,490 (1,240)			
Delaware	42,350 (535)	48,120 (910)	54,670 (913)	56,930 (1,117)	52,160 (1,714)	61,890 (2,167)	69,340 (1,947)	57,730 (1,420)	45,040 (1,198)	52,090 (1,343)	63,850 (1,591)	71,640 (1,769)			
District of Columbia	45,360 (828)	51,040 (472)	55,450 (1,568)	66,250 (1,933)	± (†)	± (†)	70,100 (2,147)	81,470 (1,579)	± (†)	± (†)	± (†)	± (†)			
Florida	33,150 (487)	39,330 (476)	42,120 (784)	48,680 (985)	41,620 (962)	45,330 (906)	61,700 (1,316)	± (†)	± (†)	± (†)	± (†)	± (†)			
Georgia	31,890 (227)	41,950 (524)	47,540 (752)	51,600 (799)	47,830 (1,194)	53,080 (867)	58,090 (1,233)	50,700 (1,002)	43,240 (1,809)	46,530 (948)	52,840 (1,161)	60,350 (2,023)			
Hawaii	36,430 (731)	39,280 (524)	42,910 (967)	49,380 (1,513)	± (†)	± (†)	± (†)	± (†)	± (†)	± (†)	± (†)	± (†)			
Idaho	31,590 (440)	42,380 (772)	44,140 (857)	47,020 (981)	41,040 (1,725)	50,950 (1,201)	53,020 (1,854)	45,920 (1,724)	± (†)	36,310 (1,451)	48,810 (1,989)	54,220 (2,242)			
Illinois	42,400 (558)	47,770 (953)	54,110 (1,253)	61,330 (1,503)	54,000 (1,564)	62,120 (2,000)	74,440 (2,774)	64,670 (1,520)	49,240 (2,128)	57,230 (1,777)	66,400 (2,382)	80,040 (2,793)			
Indiana	38,040 (292)	45,480 (413)	49,760 (670)	51,640 (686)	42,540 (1,153)	48,620 (940)	58,170 (663)	55,360 (735)	± (†)	45,130 (1,200)	54,030 (964)	61,710 (713)			
Iowa	32,220 (571)	38,010 (494)	41,880 (608)	44,770 (829)	38,910 (1,185)	42,760 (1,476)	50,720 (1,048)	49,630 (1,509)	± (†)	41,940 (1,857)	50,390 (2,097)	54,620 (2,782)			
Kansas	32,560 (314)	36,140 (428)	40,400 (755)	46,220 (955)	40,960 (1,517)	45,970 (1,086)	50,140 (1,484)	47,940 (1,090)	39,320 (1,346)	42,050 (720)	48,060 (1,498)	53,640 (1,505)			
Kentucky	31,390 (396)	36,380 (310)	40,570 (457)	46,270 (578)	42,650 (753)	47,990 (1,152)	51,640 (865)	50,080 (751)	45,670 (2,116)	46,160 (926)	51,170 (890)	56,660 (1,577)			
Louisiana	27,300 (262)	33,120 (806)	38,000 (558)	44,090 (854)	± (†)	± (†)	45,960 (1,038)	47,470 (974)	46,790 (986)	41,670 (1,542)	45,370 (1,813)	48,620 (1,518)			
Maine	33,060 (499)	38,770 (458)	42,460 (677)	44,820 (733)	38,910 (879)	44,900 (1,012)	51,920 (1,121)	48,890 (1,145)	± (†)	41,950 (855)	47,670 (1,417)	57,430 (1,506)			
Maryland	42,340 (256)	45,930 (1,055)	53,190 (1,307)	59,130 (1,422)	51,000 (935)	61,850 (2,802)	70,260 (1,942)	63,420 (1,002)	± (†)	± (†)	± (†)	± (†)			
Massachusetts	39,710 (404)	47,630 (370)	53,500 (714)	58,680 (894)	56,400 (909)	61,990 (1,359)	68,260 (1,309)	63,420 (1,002)	49,590 (1,455)	57,160 (1,596)	68,780 (1,743)	72,930 (1,583)			
Michigan	47,660 (488)	53,050 (651)	59,680 (906)	63,100 (1,116)	55,740 (1,769)	66,770 (1,384)	69,990 (1,458)	64,130 (962)	49,310 (2,782)	54,300 (1,556)	67,320 (973)	70,790 (1,314)			
Minnesota	40,710 (552)	46,050 (674)	49,590 (731)	55,040 (730)	49,630 (1,222)	56,210 (854)	61,800 (1,140)	57,280 (700)	41,990 (1,043)	48,880 (663)	60,430 (867)	63,710 (1,022)			
Mississippi	26,600 (200)	34,170 (326)	38,460 (479)	44,170 (617)	40,110 (537)	44,070 (804)	50,560 (800)	43,110 (767)	35,860 (749)	40,120 (1,743)	43,320 (839)	50,860 (1,612)			
Missouri	33,180 (625)	37,400 (747)	40,880 (761)	45,830 (1,020)	40,910 (1,050)	45,850 (1,271)	54,330 (2,126)	47,480 (989)	39,140 (866)	42,670 (1,387)	48,120 (1,070)	58,030 (2,307)			
Montana	32,270 (423)	35,960 (728)	39,650 (885)	45,970 (908)	38,880 (945)	44,890 (1,205)	51,070 (1,477)	49,060 (1,393)	± (†)	40,780 (1,084)	46,860 (1,557)	59,680 (1,539)			
Nebraska	30,290 (538)	33,540 (536)	39,980 (784)	40,410 (913)	37,630 (1,018)	38,970 (1,250)	43,230 (1,717)	47,260 (1,310)	38,860 (1,768)	45,100 (1,747)	48,940 (2,332)	50,350 (2,260)			
Nevada	38,570 (353)	43,350 (429)	45,770 (1,083)	50,050 (906)	46,740 (879)	53,010 (870)	60,040 (1,967)	52,960 (1,713)	46,010 (3,037)	45,660 (889)	58,730 (2,641)	63,280 (3,831)			
New Hampshire	36,970 (505)	41,310 (689)	45,140 (977)	51,320 (1,002)	45,740 (1,303)	54,810 (1,529)	59,560 (1,107)	54,350 (1,169)	± (†)	47,350 (1,105)	57,990 (1,280)	62,890 (1,035)			
New Jersey	50,950 (883)	57,410 (709)	60,200 (1,571)	62,580 (1,901)	53,220 (1,928)	67,160 (3,215)	80,980 (2,012)	68,910 (1,227)	55,460 (837)	59,580 (991)	72,090 (1,565)	84,500 (2,525)			
New Mexico	28,400 (281)	35,570 (539)	40,100 (810)	47,200 (833)	44,370 (867)	48,820 (552)	53,070 (1,389)	47,360 (1,492)	36,690 (2,062)	44,860 (1,392)	49,130 (1,521)	54,000 (3,662)			
New York	47,440 (840)	53,130 (923)	56,650 (746)	64,300 (1,698)	58,220 (1,945)	67,170 (2,454)	80,650 (3,124)	73,180 (1,462)	55,150 (2,665)	66,800 (1,805)	75,110 (1,745)	88,500 (2,651)			
North Carolina	29,180 (306)	36,810 (542)	42,720 (641)	45,470 (1,321)	40,790 (1,676)	46,660 (1,906)	52,660 (2,098)	42,290 (1,149)	33,040 (986)	39,020 (2,022)	44,720 (925)	48,770 (2,288)			
North Dakota	28,520 (730)	32,920 (559)	39,710 (789)	44,090 (885)	± (†)	± (†)	43,770 (1,598)	48,930 (1,550)	52,090 (1,471)	± (†)	42,980 (1,216)	52,300 (2,320)			
Ohio	37,960 (550)	43,420 (585)	50,090 (689)	55,680 (982)	48,500 (919)	58,170 (1,761)	62,850 (1,471)	57,430 (1,025)	42,140 (1,456)	49,130 (1,430)	61,170 (1,195)	65,140 (1,112)			
Oklahoma	28,510 (186)	31,990 (261)	34,580 (319)	40,220 (486)	35,670 (554)	39,410 (805)	44,270 (571)	39,490 (727)	± (†)	± (†)	39,040 (618)	44,610 (1,204)			
Oregon	36,930 (471)	42,180 (588)	45,850 (647)	48,170 (914)	46,550 (995)	51,870 (1,035)	58,460 (1,540)	51,520 (936)	40,560 (849)	48,690 (1,090)	55,360 (1,611)	61,980 (1,726)			
Pennsylvania	44,830 (816)	50,790 (1,027)	54,800 (925)	62,340 (1,667)	50,070 (1,727)	63,980 (2,392)	74,350 (2,967)	62,650 (1,408)	45,690 (1,689)	54,590 (1,250)	66,380 (1,908)	75,750 (2,039)			
Rhode Island	41,630 (303)	48,610 (204)	55,110 (909)	65,180 (1,137)	± (†)	± (†)	67,800 (1,197)	69,980 (1,190)	± (†)	± (†)	± (†)	± (†)			
South Carolina	31,860 (208)	38,390 (528)	42,910 (625)	46,480 (529)	40,910 (1,264)	46,580 (681)	53,040 (886)	46,770 (966)	38,250 (1,216)	41,160 (1,787)	48,780 (833)	54,960 (1,112)			
South Dakota	28,110 (449)	32,800 (443)	37,670 (801)	39,880 (764)	± (†)	± (†)	39,000 (1,084)	44,020 (1,223)	± (†)	± (†)	40,930 (1,311)	45,850 (1,265)			
Tennessee	30,270 (350)	35,610 (414)	39,620 (543)	43,730 (694)	39,790 (1,019)	44,240 (1,189)	49,150 (957)	44,550 (984)	38,190 (945)	40,550 (959)	47,810 (2,184)	50,860 (1,962)			
Texas	31,610 (355)	40,280 (453)	43,370 (723)	47,520 (1,129)	45,010 (1,956)	47,640 (1,806)	51,960 (2,138)	49,390 (593)	44,280 (1,020)	46,330 (820)	50,100 (1,101)	56,060 (1,321)			
Utah	32,590 (277)	39,860 (586)	43,370 (636)	47,200 (1,092)	41,250 (773)	48,910 (900)	53,710 (1,703)	48,750 (1,772)	36,700 (1,709)	42,110 (1,544)	51,800 (1,074)	59,000 (1,201)			
Vermont	36,770 (594)	37,260 (668)	44,740 (926)	51,320 (987)	43,780 (1,568)	50,690 (1,464)	57,440 (1,337)	56,190 (1,158)	± (†)	49,830 (1,637)	54,630 (1,661)	64,330 (1,242)			
Virginia	33,740 (579)	40,230 (668)	43,860 (948)	50,910 (1,572)	42,370 (1,596)	50,890 (1,856)	63,400 (2,990)	51,130 (1,408)	42,350 (1,381)	45,680 (1,298)	52,040 (2,122)	60,370 (3,366)			
Washington	38,270 (398)	43,160 (364)	47,970 (500)	51,800 (649)	46,380 (1,150)	54,290 (752)	59,140 (760)	57,670 (1,077)	43,240 (981)	50,330 (3,344)	60,160 (1,146)	64,280 (1,237)			
West Virginia	32,130 (195)	36,590 (226)	40,440 (716)	43,090 (477)	37,340 (647)	40,970 (564)	47,600 (518)	45,460 (805)	36,780 (1,665)	41,610 (1,471)	44,990 (1,109)	50,840 (1,175)			
Wisconsin	40,920 (486)	46,420 (512)	47,750 (713)	52,210 (873)	45,720 (1,215)	52,760 (1,630)	57,880 (1,357)	55,430 (791)	± (†)	± (†)	47,350 (1,314)	56,220 (1,009)			
Wyoming	32,490 (371)	36,120 (497)	41,610 (1,014)	52,990 (932)	48,770 (1,509)	53,020 (1,246)	56,710 (1,401)	59,390 (817)	± (†)	± (†)	± (†)	63,240 (1,781)			

†Not applicable.

±Reporting standards not met. Data may be suppressed because the response rate is under 50 percent, there are too few cases for a reliable estimate, or the coefficient of variation (CV) is 50 percent or greater.

<sup>1</sup>Teachers were asked how many school years they had worked as a teacher. They were also asked how many of their teaching years were full time and how many were part time. Throughout this table, all school years are counted, regardless of whether teachers taught full time or part time.

NOTE: This table includes regular full-time teachers only; it excludes other staff even when they have full-time teaching duties (regular part-time teachers, itinerant teachers, long-term substitutes, administrators, library media specialists, other professional staff, and support staff).

SOURCE: U.S. Department of Education, National Center for Education Statistics, Schools and Staffing Survey (SASS), "Public School Teacher Data File," 1993–94, 1999–2000, 2003–04, 2007–08, and 2011–12; and "Public Charter School Teacher Data File," 1999–2000. (This table was prepared June 2018.)

**Table 211.50. Estimated average annual salary of teachers in public elementary and secondary schools: Selected years, 1959–60 through 2016–17**

School year	Current dollars					Average public school teachers' salary in constant 2016–17 dollars <sup>1</sup>		
	Average public school teachers' salary			Wage and salary accruals per full-time-equivalent (FTE) employee <sup>2</sup>	Ratio of average teachers' salary to accruals per FTE employee	All teachers	Elementary teachers <sup>3</sup>	Secondary teachers <sup>4</sup>
	All teachers	Elementary teachers <sup>3</sup>	Secondary teachers <sup>4</sup>					
1	2	3	4	5	6	7	8	9
1959–60	\$4,995	\$4,815	\$5,276	\$4,749	1.05	\$41,251	\$39,764	\$43,571
1961–62	5,515	5,340	5,775	5,063	1.09	44,522	43,109	46,621
1963–64	5,995	5,805	6,266	5,478	1.09	47,167	45,672	49,299
1965–66	6,485	6,279	6,761	5,934	1.09	49,318	47,751	51,416
1967–68	7,423	7,208	7,692	6,533	1.14	52,965	51,431	54,884
1969–70	8,626	8,412	8,891	7,486	1.15	55,411	54,036	57,113
1970–71	9,268	9,021	9,568	7,998	1.16	56,613	55,104	58,445
1971–72	9,705	9,424	10,031	8,521	1.14	57,229	55,572	59,151
1972–73	10,174	9,893	10,507	9,056	1.12	57,671	56,078	59,559
1973–74	10,770	10,507	11,077	9,667	1.11	56,052	54,683	57,649
1974–75	11,641	11,334	12,000	10,411	1.12	54,540	53,102	56,222
1975–76	12,600	12,280	12,937	11,194	1.13	55,131	53,731	56,606
1976–77	13,354	12,989	13,776	11,971	1.12	55,211	53,702	56,955
1977–78	14,198	13,845	14,602	12,811	1.11	55,007	53,639	56,572
1978–79	15,032	14,681	15,450	13,807	1.09	53,250	52,006	54,730
1979–80	15,970	15,569	16,459	15,050	1.06	49,917	48,664	51,446
1980–81	17,644	17,230	18,142	16,461	1.07	49,425	48,265	50,820
1981–82	19,274	18,853	19,805	17,795	1.08	49,698	48,612	51,067
1982–83	20,695	20,227	21,291	18,873	1.10	51,164	50,007	52,638
1983–84	21,935	21,487	22,554	19,781	1.11	52,294	51,226	53,770
1984–85	23,600	23,200	24,187	20,694	1.14	54,144	53,227	55,491
1985–86	25,199	24,718	25,846	21,685	1.16	56,192	55,120	57,635
1986–87	26,569	26,057	27,244	22,700	1.17	57,961	56,844	59,433
1987–88	28,034	27,519	28,798	23,777	1.18	58,723	57,644	60,324
1988–89	29,564	29,022	30,218	24,752	1.19	59,194	58,109	60,504
1989–90	31,367	30,832	32,049	25,762	1.22	59,944	58,922	61,247
1990–91	33,084	32,490	33,896	26,935	1.23	59,948	58,871	61,419
1991–92	34,063	33,479	34,827	28,169	1.21	59,805	58,780	61,147
1992–93	35,029	34,350	35,880	29,245	1.20	59,639	58,483	61,088
1993–94	35,737	35,233	36,566	30,030	1.19	59,308	58,471	60,683
1994–95	36,675	36,088	37,523	30,857	1.19	59,168	58,221	60,537
1995–96	37,642	37,138	38,397	31,822	1.18	59,120	58,329	60,306
1996–97	38,443	38,039	39,184	33,058	1.16	58,703	58,086	59,835
1997–98	39,350	39,002	39,944	34,638	1.14	59,035	58,513	59,927
1998–99	40,544	40,165	41,203	36,280	1.12	59,792	59,233	60,764
1999–2000	41,807	41,306	42,546	38,144	1.10	59,924	59,206	60,984
2000–01	43,378	42,910	44,053	39,727	1.09	60,117	59,468	61,052
2001–02	44,655	44,177	45,310	40,589	1.10	60,810	60,159	61,702
2002–03	45,686	45,408	46,106	41,629	1.10	60,876	60,505	61,436
2003–04	46,542	46,187	46,976	43,259	1.08	60,689	60,226	61,255
2004–05	47,516	47,122	47,688	44,908	1.06	60,149	59,650	60,367
2005–06	49,086	48,573	49,496	46,626	1.05	59,857	59,231	60,357
2006–07	51,052	50,740	51,529	48,713	1.05	60,685	60,314	61,252
2007–08	52,800	52,385	53,262	50,504	1.05	60,520	60,044	61,050
2008–09	54,319	53,998	54,552	51,409	1.06	61,404	61,041	61,667
2009–10	55,202	54,918	55,595	52,413	1.05	61,804	61,486	62,244
2010–11	55,623	55,217	56,225	53,975	1.03	61,050	60,604	61,710
2011–12	55,418	54,704	56,226	55,398	1.00	59,093	58,332	59,955
2012–13	56,103	55,344	57,077	56,356	1.00	58,844	58,048	59,866
2013–14	56,610	56,395	56,886	57,459	0.99	58,463	58,241	58,748
2014–15	57,420	57,092	57,678	59,126	0.97	58,871	58,534	59,135
2015–16	58,353	58,225	58,385	60,429	0.97	59,426	59,296	59,459
2016–17	58,950	58,773	58,978	—	—	58,950	58,773	58,978

—Not available.

<sup>1</sup>Constant dollars based on the Consumer Price Index, prepared by the Bureau of Labor Statistics, U.S. Department of Labor, adjusted to a school-year basis.

<sup>2</sup>The average monetary remuneration earned by FTE employees across all industries in a given year, including wages, salaries, commissions, tips, bonuses, voluntary employee contributions to certain deferred compensation plans, and receipts in kind that represent income. Calendar-year data from the U.S. Department of Commerce, Bureau of Economic Analysis, have been converted to a school-year basis by averaging the two appropriate calendar years in each case.

<sup>3</sup>Teachers at schools that are classified as elementary by state and local practice and composed of any span of grades not above grade 8. Preschool or kindergarten schools are included only if they are an integral part of an elementary school or a regularly established school system.

<sup>4</sup>Teachers at schools comprising any span of grades beginning with the next grade following an elementary or middle school (usually 7, 8, or 9) and ending with or below grade 12. Includes both junior high schools and senior high schools.

NOTE: Some data have been revised from previously published figures. Standard errors are not available for these estimates, which are based on state reports.

SOURCE: National Education Association, Estimates of School Statistics, 1959–60 through 2016–17; and unpublished tabulations. U.S. Department of Commerce, Bureau of Economic Analysis, National Income and Product Accounts, table 6.6D, retrieved August 10, 2017, from <http://www.bea.gov/iTable/iTable.cfm?ReqID=9&step=1#reqid=9&step=3&isuri=1&903=201>. (This table was prepared August 2017.)

**Table 211.60. Estimated average annual salary of teachers in public elementary and secondary schools, by state: Selected years, 1969–70 through 2016–17**

State	Current dollars							Constant 2016–17 dollars <sup>1</sup>							Percent change, 1999–2000 to 2016–17
	1969–70	1979–80	1989–90	1999–2000	2009–10	2015–16	2016–17	1969–70	1979–80	1989–90	1999–2000	2009–10	2015–16	2016–17	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
<b>United States .....</b>	<b>\$8,626</b>	<b>\$15,970</b>	<b>\$31,367</b>	<b>\$41,807</b>	<b>\$55,202</b>	<b>\$58,353</b>	<b>\$58,950</b>	<b>\$55,411</b>	<b>\$49,917</b>	<b>\$59,944</b>	<b>\$59,924</b>	<b>\$61,804</b>	<b>\$59,426</b>	<b>\$58,950</b>	<b>-1.6</b>
Alabama .....	6,818	13,060	24,828	36,689	47,571	48,518	48,868	43,797	40,821	47,448	52,588	53,260	49,410	48,868	-7.1
Alaska .....	10,560	27,210	43,153	46,462	59,672	67,443	68,138	67,834	85,050	82,468	66,597	66,809	68,684	68,138	2.3
Arizona .....	8,711	15,054	29,402	36,902	46,952	47,218	47,403	55,957	47,054	56,189	52,894	52,567	48,087	47,403	-10.4
Arkansas .....	6,307	12,299	22,352	33,386	46,700	48,218	48,616	40,514	38,443	42,716	47,854	52,285	49,105	48,616	1.6
California .....	10,315	18,020	37,998	47,680	68,203	77,179	78,711	66,261	56,325	72,616	68,342	76,360	78,599	78,711	15.2
Colorado .....	7,761	16,205	30,758	38,163	49,202	46,155	46,506	49,854	50,652	58,780	54,701	55,086	47,004	46,506	-15.0
Connecticut .....	9,262	16,229	40,461	51,780	64,350	72,013	72,561	59,496	50,727	77,323	74,219	72,046	73,338	72,561	-2.2
Delaware .....	9,015	16,148	33,377	44,435	57,080	59,960	60,214	57,910	50,473	63,785	63,691	63,907	61,063	60,214	-5.5
District of Columbia .....	10,285	22,190	38,402	47,076	64,548	75,810	76,131	66,068	69,359	73,388	67,477	72,268	77,205	76,131	12.8
Florida .....	8,412	14,149	28,803	36,722	46,708	49,199	49,407	54,036	44,225	55,044	52,636	52,294	50,104	49,407	-6.1
Georgia .....	7,276	13,853	28,006	41,023	53,112	54,190	54,602	46,739	43,300	53,521	58,801	59,464	55,187	54,602	-7.1
Hawaii .....	9,453	19,920	32,047	40,578	55,063	57,431	57,674	60,723	62,264	61,244	58,163	61,648	58,487	57,674	-0.8
Idaho .....	6,890	13,611	23,861	35,547	46,283	46,122	47,504	44,259	42,544	45,600	50,952	51,818	46,970	47,504	-6.8
Illinois .....	9,569	17,601	32,794	46,486	62,077	61,342	61,602	61,469	55,015	62,671	66,631	69,501	62,470	61,602	-7.5
Indiana .....	8,833	15,599	30,902	41,850	49,986	50,715	50,554	56,741	48,757	59,055	59,986	55,964	51,648	50,554	-15.7
Iowa .....	8,355	15,203	26,747	35,678	49,626	54,416	55,443	53,670	47,520	51,115	51,139	55,561	55,417	55,443	8.4
Kansas .....	7,612	13,690	28,744	34,981	46,657	47,755	47,984	48,897	42,791	54,931	50,140	52,237	48,633	47,984	-4.3
Kentucky .....	6,953	14,520	26,292	36,380	49,543	52,134	52,339	44,664	45,385	50,245	52,146	55,468	53,093	52,339	0.4
Louisiana .....	7,028	13,760	24,300	33,109	48,903	49,745	50,000	45,146	43,009	46,439	47,457	54,752	50,660	50,000	5.4
Maine .....	7,572	13,071	26,881	35,561	46,106	50,498	51,077	48,640	40,856	51,371	50,972	51,620	51,427	51,077	0.2
Maryland .....	9,383	17,558	36,319	44,048	63,971	66,456	66,961	60,274	54,881	69,408	63,137	71,622	67,678	66,961	6.1
Massachusetts .....	8,764	17,253	34,712	46,580	69,273	76,981	77,804	56,297	53,927	66,336	66,766	77,558	78,397	77,804	16.5
Michigan .....	9,826	19,663	37,072	49,044	57,958	62,028	62,200	63,119	61,460	70,847	70,298	64,890	63,169	62,200	-11.5
Minnesota .....	8,658	15,912	32,190	39,802	52,431	56,913	57,346	55,617	49,736	61,517	57,051	58,702	57,960	57,346	0.5
Mississippi .....	5,798	11,850	24,292	31,857	45,644	42,744	42,925	37,245	37,039	46,423	45,662	51,103	43,530	42,925	-6.0
Missouri .....	7,799	13,682	27,094	35,656	45,317	47,957	48,293	50,099	42,766	51,778	51,108	50,737	48,839	48,293	-5.5
Montana .....	7,606	14,537	25,081	32,121	45,759	51,034	51,422	48,859	45,438	47,931	46,041	51,232	51,973	51,422	11.7
Nebraska .....	7,375	13,516	25,522	33,237	46,227	51,386	52,338	47,375	42,247	48,774	47,641	51,756	52,331	52,338	9.9
Nevada .....	9,215	16,295	30,590	39,390	51,524	56,943	57,376	59,195	50,933	58,459	56,460	57,686	57,990	57,376	1.6
New Hampshire .....	7,771	13,017	28,986	37,734	51,443	56,616	57,253	49,919	40,687	55,394	54,086	57,595	57,657	57,253	5.9
New Jersey .....	9,130	17,161	35,676	52,015	65,130	69,330	69,623	58,649	53,640	68,179	74,556	72,919	70,605	69,623	-6.6
New Mexico .....	7,796	14,887	24,756	32,554	46,258	47,163	47,500	50,079	46,532	47,310	46,662	51,790	48,031	47,500	1.8
New York .....	10,336	19,812	38,925	51,020	71,633	79,152	79,637	66,396	61,926	74,388	73,130	80,200	80,608	79,637	8.9
North Carolina .....	7,494	14,117	27,883	39,404	46,850	47,941	49,837	48,139	44,125	53,286	56,480	52,453	48,823	49,837	-11.8
North Dakota .....	6,696	13,263	23,016	29,863	42,964	50,472	51,618	43,013	41,456	43,985	42,804	48,102	51,400	51,618	20.6
Ohio .....	8,300	15,269	31,218	41,436	55,958	56,441	57,000	53,317	47,726	59,659	59,393	62,650	57,479	57,000	-4.0
Oklahoma .....	6,882	13,107	23,070	31,298	47,691	45,276	45,245	44,208	40,968	44,088	44,861	53,395	46,109	45,245	0.9
Oregon .....	8,818	16,266	30,840	42,336	55,224	60,359	61,631	56,644	50,842	58,937	60,683	61,829	61,469	61,631	1.6
Pennsylvania .....	8,858	16,515	33,338	48,321	59,156	65,151	65,863	56,901	51,621	63,711	69,261	66,231	66,349	65,863	-4.9
Rhode Island .....	8,776	18,002	36,057	47,041	59,686	66,197	66,477	56,375	56,269	68,907	67,427	66,824	67,415	66,477	-1.4
South Carolina .....	6,927	13,063	27,217	36,081	47,508	48,769	48,598	44,497	40,831	52,013	51,717	53,190	49,666	48,598	-6.0
South Dakota .....	6,403	12,348	21,300	29,071	38,837	42,025	42,668	41,131	38,596	40,705	41,669	43,482	42,798	42,668	2.4
Tennessee .....	7,050	13,972	27,052	36,328	46,290	48,217	48,456	45,287	43,672	51,698	52,071	51,826	49,104	48,456	-6.9
Texas .....	7,255	14,132	27,496	37,567	48,261	51,890	52,575	46,604	44,172	52,546	53,847	54,033	52,845	52,575	-2.4
Utah .....	7,644	14,909	23,686	34,946	45,885	46,887	47,244	49,103	46,601	45,265	50,090	51,373	47,749	47,244	-5.7
Vermont .....	7,968	12,484	29,012	37,758	49,084	58,901	60,187	51,184	39,021	55,443	54,121	54,954	59,984	60,187	11.2
Virginia .....	8,070	14,060	30,938	38,744	50,015	50,834	51,049	51,839	43,947	59,124	55,534	55,997	51,769	51,049	-8.1
Washington .....	9,225	18,820	30,457	41,043	53,003	53,738	54,147	59,259	58,825	58,205	58,829	59,342	54,727	54,147	-8.0
West Virginia .....	7,650	13,710	22,842	35,009	45,959	45,622	45,701	49,141	42,853	43,652	50,180	51,456	46,461	45,701	-8.9
Wisconsin .....	8,963	16,006	31,921	41,153	51,264	54,115	54,998	57,576	50,030	61,003	58,987	57,395	55,110	54,998	-6.8
Wyoming .....	8,232	16,012	28,141	34,127	55,861	58,140	58,650	52,880	50,048	53,779	48,916	62,542	59,209	58,650	19.9

<sup>1</sup>Constant dollars based on the Consumer Price Index (CPI), prepared by the Bureau of Labor Statistics, U.S. Department of Labor, adjusted to a school-year basis. The CPI does not account for differences in inflation rates from state to state.

NOTE: Some data have been revised from previously published figures. Standard errors are not available for these estimates, which are based on state reports.  
SOURCE: National Education Association, *Estimates of School Statistics*, selected years, 1969–70 through 2016–17. (This table was prepared August 2017.)

**Table 212.08. Number and percentage distribution of principals in public and private elementary and secondary schools, by selected characteristics: Selected years, 1993–94 through 2015–16**

[Standard errors appear in parentheses]

Selected characteristic	Number of principals					Percentage distribution of principals				
	1993–94	1999–2000	2007–08	2011–12	2015–16	1993–94	1999–2000	2007–08	2011–12	2015–16
1	2	3	4	5	6	7	8	9	10	11
<b>Public schools</b>										
<b>Total</b>	<b>79,620</b> (235)	<b>83,790</b> (327)	<b>90,470</b> (544)	<b>89,810</b> (406)	<b>90,410</b> (298)	<b>100.0</b> (†)	<b>100.0</b> (†)	<b>100.0</b> (†)	<b>100.0</b> (†)	<b>100.0</b> (†)
<b>Sex</b>										
Male	52,110 (613)	47,130 (604)	44,950 (1,129)	43,450 (901)	41,380 (690)	65.5 (0.70)	56.2 (0.69)	49.7 (1.21)	48.4 (0.92)	45.8 (0.74)
Female	27,500 (542)	36,660 (598)	45,520 (1,129)	46,360 (801)	49,030 (672)	34.5 (0.70)	43.8 (0.69)	50.3 (1.21)	51.6 (0.92)	54.2 (0.74)
<b>Race/ethnicity</b>										
White <sup>1</sup>	67,080 (540)	68,930 (579)	73,160 (1,008)	72,070 (723)	70,340 (541)	84.3 (0.54)	82.3 (0.57)	80.9 (0.92)	80.3 (0.66)	77.8 (0.52)
Black <sup>1</sup>	8,020 (351)	9,240 (321)	9,620 (659)	9,110 (394)	9,550 (354)	10.1 (0.45)	11.0 (0.39)	10.6 (0.73)	10.1 (0.43)	10.6 (0.39)
Hispanic <sup>1</sup>	3,270 (258)	4,330 (300)	5,870 (540)	6,130 (404)	7,430 (361)	4.1 (0.33)	5.2 (0.36)	6.5 (0.60)	6.8 (0.46)	8.2 (0.40)
Asian <sup>1,2</sup>	620 (109)	630 (124)	570 (146)	820 (154)	1,290 (192)	0.8 (0.14)	0.8 (0.15)	0.6 (0.16)	0.9 (0.17)	1.4 (0.21)
Pacific Islander	— (†)	— (†)	130! (52)	‡ (†)	‡ (†)	— (†)	— (†)	0.1! (0.06)	# (†)	0.2 (0.06)
American Indian/Alaska Native <sup>1</sup>	630 (67)	660 (60)	620 (179)	650 (123)	620 (114)	0.8 (0.08)	0.8 (0.07)	0.7 (0.20)	0.7 (0.14)	0.7 (0.13)
Two or more races	— (†)	— (†)	490! (155)	1,010 (183)	980 (131)	— (†)	— (†)	0.5! (0.17)	1.1 (0.20)	1.1 (0.15)
<b>Age</b>										
Under 40	5,940 (273)	8,440 (302)	17,290 (785)	18,040 (523)	17,360 (507)	7.5 (0.34)	10.1 (0.35)	19.1 (0.84)	20.1 (0.58)	19.2 (0.56)
40 to 44	14,570 (496)	10,510 (317)	13,330 (706)	17,650 (565)	19,150 (515)	18.3 (0.61)	12.5 (0.37)	14.7 (0.78)	19.7 (0.62)	21.2 (0.56)
45 to 49	25,430 (429)	19,600 (535)	13,690 (767)	14,700 (541)	19,460 (599)	31.9 (0.55)	23.4 (0.63)	15.1 (0.86)	16.4 (0.60)	21.5 (0.65)
50 to 54	18,870 (539)	27,120 (606)	17,570 (746)	15,060 (668)	13,910 (438)	23.7 (0.68)	32.4 (0.71)	19.4 (0.82)	16.8 (0.73)	15.4 (0.49)
55 or over	14,820 (441)	18,130 (500)	28,590 (1,000)	24,350 (655)	20,540 (631)	18.6 (0.55)	21.6 (0.60)	31.6 (1.06)	27.1 (0.74)	22.7 (0.70)
<b>School level</b>										
Elementary	53,680 <sup>4</sup> (294)	60,110 (253)	62,340 (584)	61,250 (443)	62,090 (276)	71.9 (0.21)	71.7 (0.21)	68.9 (0.54)	68.2 (0.38)	68.7 (0.31)
Secondary	18,260 <sup>4</sup> (161)	20,450 (197)	21,550 (460)	20,470 (537)	20,280 (395)	24.4 (0.20)	24.4 (0.20)	23.8 (0.46)	22.8 (0.56)	22.4 (0.41)
Combined	2,750 <sup>4</sup> (143)	3,230 (146)	6,580 (364)	8,090 (658)	8,050 (332)	3.7 (0.19)	3.9 (0.17)	7.3 (0.40)	9.0 (0.74)	8.9 (0.37)
<b>Highest degree earned</b>										
Bachelor's or less	1,150 (167)	1,540 (182)	1,320 (207)	1,960 (272)	2,030 (212)	1.4 (0.21)	1.8 (0.22)	1.5 (0.23)	2.2 (0.30)	2.2 (0.23)
Master's	50,470 (536)	45,440 (579)	55,250 (906)	55,420 (678)	55,390 (682)	63.4 (0.65)	54.2 (0.63)	61.1 (1.01)	61.7 (0.71)	61.3 (0.73)
Education specialist <sup>3</sup>	20,570 (459)	28,280 (493)	26,270 (930)	23,560 (492)	24,020 (570)	25.8 (0.57)	33.8 (0.60)	29.0 (0.97)	26.2 (0.54)	26.6 (0.62)
Doctor's or first professional	7,430 (263)	8,530 (386)	7,630 (512)	8,870 (442)	8,970 (415)	9.3 (0.33)	10.2 (0.46)	8.4 (0.57)	9.9 (0.49)	9.9 (0.46)
<b>Number of years as a principal</b>										
3 or fewer	24,450 (451)	25,080 (513)	31,500 (1,033)	29,520 (758)	35,420 (644)	30.7 (0.56)	29.9 (0.60)	34.8 (1.11)	32.9 (0.84)	39.2 (0.71)
4 to 9	26,600 (548)	25,900 (524)	32,140 (989)	35,500 (886)	31,370 (618)	33.4 (0.68)	30.9 (0.61)	35.5 (1.09)	39.5 (0.96)	34.7 (0.67)
10 to 19	19,730 (412)	23,230 (525)	20,470 (926)	19,870 (634)	19,960 (533)	24.8 (0.52)	27.7 (0.62)	22.6 (1.01)	22.1 (0.70)	22.1 (0.58)
20 or more	8,840 (377)	9,580 (331)	6,350 (414)	4,920 (273)	3,670 (285)	11.1 (0.47)	11.4 (0.39)	7.0 (0.46)	5.5 (0.31)	4.1 (0.31)
<b>Years of full- and part-time teaching experience prior to becoming a principal</b>										
3 or fewer	5,690 (251)	3,210 (186)	4,150 (384)	4,040 (264)	3,360 (235)	7.1 (0.31)	3.8 (0.22)	4.6 (0.42)	4.5 (0.30)	3.7 (0.26)
4 to 9	29,500 (516)	22,510 (491)	30,260 (958)	34,240 (792)	34,970 (639)	37.1 (0.63)	26.9 (0.57)	33.4 (1.03)	38.1 (0.84)	38.7 (0.69)
10 to 19	36,680 (558)	38,110 (597)	40,200 (992)	39,160 (752)	41,970 (710)	46.1 (0.70)	45.5 (0.69)	44.4 (1.09)	43.6 (0.82)	46.4 (0.77)
20 or more	7,740 (275)	19,960 (485)	15,850 (781)	12,380 (519)	10,110 (418)	9.7 (0.34)	23.8 (0.57)	17.5 (0.86)	13.8 (0.58)	11.2 (0.46)
<b>School locale</b>										
City	— (†)	20,100 (328)	21,560 (731)	23,440 (274)	24,770 (190)	27.4 (0.34)	24.0 (0.40)	23.8 (0.81)	26.1 (0.28)	27.4 (0.17)
Suburban	— (†)	30,640 (440)	25,880 (921)	24,520 (356)	29,120 (180)	25.9 (0.45)	36.6 (0.53)	28.6 (1.01)	27.3 (0.36)	32.2 (0.17)
Town	— (†)	10,860 (228)	13,860 (669)	12,330 (341)	12,360 (372)	22.0 (0.43)	13.0 (0.26)	15.3 (0.74)	13.7 (0.40)	13.7 (0.41)
Rural	— (†)	22,200 (404)	29,170 (1,012)	29,520 (430)	24,170 (399)	24.7 (0.43)	26.5 (0.44)	32.2 (1.07)	32.9 (0.43)	26.7 (0.43)

See notes at end of table.

**Table 212.08. Number and percentage distribution of principals in public and private elementary and secondary schools, by selected characteristics: Selected years, 1993–94 through 2015–16—Continued**

[Standard errors appear in parentheses]

Selected characteristic	Number of principals										Percentage distribution of principals									
	1993–94		1999–2000		2007–08		2011–12		2015–16		1993–94		1999–2000		2007–08		2011–12		2015–16	
1	2		3		4		5		6		7		8		9		10		11	
<b>Private schools</b>																				
<b>Total</b> .....	<b>25,020</b>	<b>(198)</b>	<b>26,230</b>	<b>(259)</b>	<b>27,960</b>	<b>(328)</b>	<b>25,730</b>	<b>(605)</b>	—	(†)	<b>100.0</b>	<b>(†)</b>	<b>100.0</b>		<b>100.0</b>	<b>(†)</b>	<b>100.0</b>	<b>(†)</b>	<b>100.0</b>	<b>(†)</b>
<b>Sex</b>																				
Male .....	11,610	(301)	11,900	(308)	13,070	(457)	11,490	(501)	—	(†)	46.4	(1.10)	45.4	(1.06)	46.7	(1.38)	44.6	(1.48)	—	(†)
Female .....	13,410	(283)	14,330	(307)	14,890	(369)	14,240	(462)	—	(†)	53.6	(1.10)	54.6	(1.06)	53.3	(1.38)	55.4	(1.48)	—	(†)
<b>Race/ethnicity</b>																				
White <sup>1</sup> .....	23,130	(270)	23,320	(309)	24,400	(409)	22,470	(628)	—	(†)	92.5	(0.70)	88.9	(0.76)	87.3	(0.91)	87.3	(1.08)	—	(†)
Black <sup>1</sup> .....	1,060	(124)	1,570	(164)	1,820	(184)	1,750	(193)	—	(†)	4.2	(0.50)	6.0	(0.62)	6.5	(0.67)	6.8	(0.75)	—	(†)
Hispanic <sup>1</sup> .....	520	(91)	830	(135)	1,110	(149)	860	(141)	—	(†)	2.1	(0.37)	3.2	(0.52)	4.0	(0.52)	3.3	(0.56)	—	(†)
Asian <sup>1,2</sup> .....	‡	(†)	350	(64)	‡	(†)	‡	(†)	—	(†)	0.7	(0.17)	1.3	(0.25)	1.2	(0.28)	1.8	(0.38)	—	(†)
Pacific Islander .....	—	(†)	—	(†)	‡	(†)	‡	(†)	—	(†)	—	(†)	—	(†)	‡	(†)	‡	(†)	—	(†)
American Indian/Alaska Native <sup>1</sup> .....	‡	(†)	‡	(†)	‡	(†)	‡	(†)	—	(†)	0.5	(0.15)	0.6	(0.15)	‡	(†)	‡	(†)	—	(†)
Two or more races .....	—	(†)	—	(†)	200!	(62)	90!	(45)	—	(†)	—	(†)	—	(†)	0.7!	(0.22)	0.4!	(0.17)	—	(†)
<b>Age</b>																				
Under 40 .....	4,790	(302)	3,750	(223)	4,750	(318)	4,360	(392)	—	(†)	19.2	(1.21)	14.3	(0.80)	17.0	(1.09)	16.9	(1.44)	—	(†)
40 to 44 .....	4,400	(217)	3,450	(212)	3,250	(277)	3,130	(300)	—	(†)	17.6	(0.83)	13.2	(0.83)	11.6	(1.00)	12.2	(1.05)	—	(†)
45 to 49 .....	5,140	(216)	5,210	(261)	3,420	(246)	2,630	(281)	—	(†)	20.6	(0.87)	19.9	(0.96)	12.2	(0.86)	10.2	(1.00)	—	(†)
50 to 54 .....	4,120	(228)	5,840	(291)	4,390	(263)	3,480	(247)	—	(†)	16.5	(0.90)	22.3	(1.11)	15.7	(0.94)	13.5	(0.93)	—	(†)
55 or over .....	6,550	(043)	7,980	(276)	12,150	(77)	12,120	(101)	—	(†)	26.2	(0.17)	30.4	(1.01)	43.5	(0.28)	47.1	(0.38)	—	(†)
<b>School level</b>																				
Elementary .....	13,350 <sup>4</sup>	(244)	15,810	(245)	16,110	(297)	14,510	(505)	—	(†)	59.5	(0.74)	60.3	(0.85)	57.6	(0.81)	56.4	(0.90)	—	(†)
Secondary .....	2,300 <sup>4</sup>	(115)	2,630	(133)	2,930	(168)	2,660	(138)	—	(†)	10.3	(0.52)	10.0	(0.51)	10.5	(0.59)	10.3	(0.57)	—	(†)
Combined .....	6,770 <sup>4</sup>	(174)	7,800	(265)	8,920	(271)	8,570	(210)	—	(†)	30.2	(0.77)	29.7	(0.89)	31.9	(0.88)	33.3	(0.71)	—	(†)
<b>Highest degree earned</b>																				
Bachelor's or less .....	8,590	(337)	8,050	(334)	9,120	(427)	7,990	(570)	—	(†)	34.3	(1.23)	30.7	(1.16)	32.6	(1.37)	31.0	(1.73)	—	(†)
Master's .....	12,900	(292)	13,370	(288)	14,030	(344)	12,800	(363)	—	(†)	51.6	(1.28)	51.0	(1.09)	50.2	(1.20)	49.7	(1.49)	—	(†)
Education specialist <sup>3</sup> .....	2,050	(103)	2,600	(159)	2,800	(203)	2,610	(200)	—	(†)	8.2	(0.41)	9.9	(0.60)	10.0	(0.75)	10.1	(0.80)	—	(†)
Doctor's or first professional .....	1,480	(138)	2,220	(167)	2,010	(177)	2,340	(224)	—	(†)	5.9	(0.54)	8.5	(0.64)	7.2	(0.63)	9.1	(0.87)	—	(†)
<b>Number of years as a principal</b>																				
3 or fewer .....	8,270	(341)	7,540	(327)	9,190	(351)	7,100	(516)	—	(†)	33.1	(1.32)	28.7	(1.19)	32.9	(1.20)	27.6	(1.74)	—	(†)
4 to 9 .....	7,080	(269)	6,990	(320)	7,230	(345)	6,750	(415)	—	(†)	28.3	(1.03)	26.6	(1.16)	25.9	(1.19)	26.2	(1.45)	—	(†)
10 to 19 .....	6,950	(310)	7,340	(250)	6,430	(298)	6,910	(350)	—	(†)	27.8	(1.23)	28.0	(0.93)	23.0	(1.04)	26.8	(1.33)	—	(†)
20 or more .....	2,710	(189)	4,360	(230)	5,110	(260)	4,970	(318)	—	(†)	10.8	(0.77)	16.6	(0.90)	18.3	(0.91)	19.3	(1.27)	—	(†)
<b>Years of full- and part-time teaching experience prior to becoming a principal</b>																				
3 or fewer .....	6,290	(335)	3,610	(241)	7,850	(381)	6,820	(473)	—	(†)	25.2	(1.27)	13.8	(0.87)	28.1	(1.24)	26.5	(1.48)	—	(†)
4 to 9 .....	6,940	(268)	5,560	(244)	7,030	(287)	6,810	(363)	—	(†)	27.8	(1.05)	21.2	(0.88)	25.1	(1.00)	26.5	(1.36)	—	(†)
10 to 19 .....	9,240	(251)	9,070	(260)	8,510	(306)	7,790	(403)	—	(†)	36.9	(1.03)	34.6	(1.04)	30.4	(1.09)	30.3	(1.50)	—	(†)
20 or more .....	2,540	(136)	7,990	(265)	4,580	(247)	4,310	(249)	—	(†)	10.1	(0.54)	30.4	(0.98)	16.4	(0.89)	16.7	(0.99)	—	(†)
<b>School locale</b>																				
City .....	—	(†)	11,250	(226)	9,610	(268)	8,590	(267)	—	(†)	—	(†)	42.9	(0.78)	34.4	(0.90)	33.4	(1.28)	—	(†)
Suburban .....	—	(†)	9,190	(229)	9,510	(229)	8,110	(298)	—	(†)	—	(†)	35.0	(0.80)	34.0	(0.83)	31.5	(1.27)	—	(†)
Town .....	—	(†)	3,250	(190)	2,780	(205)	2,630	(323)	—	(†)	—	(†)	12.4	(0.73)	10.0	(0.72)	10.2	(1.16)	—	(†)
Rural .....	—	(†)	2,540	(211)	6,060	(296)	6,390	(510)	—	(†)	—	(†)	9.7	(0.78)	21.7	(0.95)	24.8	(1.57)	—	(†)

—Not available.

†Not applicable.

#Rounds to zero.

!Interpret data with caution. The coefficient of variation (CV) for this estimate is between 30 and 50 percent.

‡Reporting standards not met. Either there are too few cases for a reliable estimate or the coefficient of variation (CV) is 50 percent or greater.

<sup>1</sup>Data for 1993–94 and 1999–2000 are only roughly comparable to data for later years, because the new category of Two or more races was introduced in 2003–04.

<sup>2</sup>Includes Pacific Islander for 1993–94 and 1999–2000.

<sup>3</sup>Education specialist degrees or certificates are generally awarded for 1 year's work beyond the master's level. Includes certificate of advanced graduate studies.

<sup>4</sup>Excludes data for 4,930 public and 2,690 private school principals whose school level could not be determined.

NOTE: Data are based on a head count of full-time and part-time principals rather than on the number of full-time-equivalent principals reported in other tables. Detail may not sum to totals because of rounding and cell suppression. Race categories exclude persons of Hispanic ethnicity.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Schools and Staffing Survey (SASS), "Public School Principal Data File" and "Private School Principal Data File," 1993–94, 1999–2000, 2007–08, and 2011–12; "Charter School Principal Data File," 1999–2000; and National Teacher and Principal Survey (NTPS), "Public School Principal Data File," 2015–16. (This table was prepared December 2017.)

**Table 213.10. Staff employed in public elementary and secondary school systems, by type of assignment: Selected years, 1949–50 through fall 2015**

[In full-time equivalents]

School year	School district administrative staff				Instructional staff						Support staff <sup>1</sup>
	Total	Officials and administrators	Instruction coordinators	Total	Principals and assistant principals	Teachers	Instructional aides	Librarians	Guidance counselors		
1	2	3	4	5	6	7	8	9	10	11	12
Number											
1949–50 <sup>2</sup>	1,300,031	33,642	23,868	9,774	956,808	43,137	913,671	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	309,582
1959–60 <sup>2</sup>	2,089,283	42,423	28,648	13,775	1,448,931	63,554	1,353,372	( <sup>3</sup> )	17,363	14,643	597,929
1969–70 <sup>2</sup>	3,360,763	65,282	33,745	31,537	2,255,707	90,593	2,016,244	57,418	42,689	48,763	1,039,774
Fall 1980 <sup>2</sup>	4,168,286	78,784	58,230	20,554	2,729,023	107,061	2,184,216	325,755	48,018	63,973	1,360,479
Fall 1990	4,494,076	75,868	—	—	3,051,404	127,417	2,398,169	395,959	49,909	79,950	1,366,804
Fall 1999	5,632,004	94,134	55,467	38,667	3,819,057	137,199	2,910,633	621,942	53,659	95,624	1,718,813
Fall 2000	5,709,753	97,270	57,837	39,433	3,876,628	141,792	2,941,461	641,392	54,246	97,737	1,735,855
Fall 2001	5,904,195	109,526	63,517	46,009	3,989,211	160,543	2,999,528	674,741	54,350	100,049	1,805,458
Fall 2002	5,954,661	110,777	62,781	47,996	4,016,963	164,171	3,034,123	663,552	54,205	100,912	1,826,921
Fall 2003	5,953,667	107,483	63,418	44,065	4,052,739	165,233	3,048,652	685,118	54,349	99,387	1,793,445
Fall 2004	6,058,174	111,832	64,101	47,731	4,120,063	165,657	3,090,925	707,514	54,145	101,822	1,826,279
Fall 2005	6,130,686	121,164	62,464	58,700	4,151,236	156,454	3,143,003	693,792	54,057	103,930	1,858,286
Fall 2006	6,153,735	118,707	53,722	64,985	4,186,968	153,673	3,166,391	709,715	54,444	102,745	1,848,060
Fall 2007	6,232,911	130,044	59,361	70,683	4,235,238	157,539	3,199,995	717,806	54,386	105,512	1,867,629
Fall 2008	6,326,702	135,706	62,153	73,553	4,277,674	159,897	3,222,154	734,010	53,805	107,808	1,913,322
Fall 2009	6,351,157	138,471	63,969	74,502	4,279,488	168,450	3,209,672	741,337	52,545	107,484	1,933,198
Fall 2010	6,195,207	133,833	64,597	69,236	4,151,225	165,047	3,099,095	731,705	50,300	105,079	1,910,150
Fall 2011	6,138,890	130,595	62,884	67,711	4,133,767	166,416	3,103,263	710,335	48,402	105,351	1,874,528
Fall 2012	6,181,238	136,387	65,420	70,967	4,158,000	169,240	3,109,101	729,756	46,685	103,218	1,886,851
Fall 2013	6,187,901	139,667	66,732	72,935	4,167,118	168,101	3,113,764	738,226	45,106	101,920	1,881,116
Fall 2014	6,258,543	148,229	68,962	79,267	4,205,088	174,664	3,132,351	749,143	44,624	104,306	1,905,226
Fall 2015	6,382,816	155,273	67,778	87,495	4,249,784	182,006	3,151,497	764,537	43,368	108,376	1,977,759
Percentage distribution											
1949–50 <sup>2</sup>	100.0	2.6	1.8	0.8	73.6	3.3	70.3	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	23.8
1959–60 <sup>2</sup>	100.0	2.0	1.4	0.7	69.4	3.0	64.8	( <sup>3</sup> )	0.8	0.7	28.6
1969–70 <sup>2</sup>	100.0	1.9	1.0	0.9	67.1	2.7	60.0	1.7	1.3	1.5	30.9
Fall 1980 <sup>2</sup>	100.0	1.9	1.4	0.5	65.5	2.6	52.4	7.8	1.2	1.5	32.6
Fall 1990	100.0	1.7	—	—	67.9	2.8	53.4	8.8	1.1	1.8	30.4
Fall 1999	100.0	1.7	1.0	0.7	67.8	2.4	51.7	11.0	1.0	1.7	30.5
Fall 2000	100.0	1.7	1.0	0.7	67.9	2.5	51.5	11.2	1.0	1.7	30.4
Fall 2001	100.0	1.9	1.1	0.8	67.6	2.7	50.8	11.4	0.9	1.7	30.6
Fall 2002	100.0	1.9	1.1	0.8	67.5	2.8	51.0	11.1	0.9	1.7	30.7
Fall 2003	100.0	1.8	1.1	0.7	68.1	2.8	51.2	11.5	0.9	1.7	30.1
Fall 2004	100.0	1.8	1.1	0.8	68.0	2.7	51.0	11.7	0.9	1.7	30.1
Fall 2005	100.0	2.0	1.0	1.0	67.7	2.6	51.3	11.3	0.9	1.7	30.3
Fall 2006	100.0	1.9	0.9	1.1	68.0	2.5	51.5	11.5	0.9	1.7	30.0
Fall 2007	100.0	2.1	1.0	1.1	67.9	2.5	51.3	11.5	0.9	1.7	30.0
Fall 2008	100.0	2.1	1.0	1.2	67.6	2.5	50.9	11.6	0.9	1.7	30.2
Fall 2009	100.0	2.2	1.0	1.2	67.4	2.7	50.5	11.7	0.8	1.7	30.4
Fall 2010	100.0	2.2	1.0	1.1	67.0	2.7	50.0	11.8	0.8	1.7	30.8
Fall 2011	100.0	2.1	1.0	1.1	67.3	2.7	50.6	11.6	0.8	1.7	30.5
Fall 2012	100.0	2.2	1.1	1.1	67.3	2.7	50.3	11.8	0.8	1.7	30.5
Fall 2013	100.0	2.3	1.1	1.2	67.3	2.7	50.3	11.9	0.7	1.6	30.4
Fall 2014	100.0	2.4	1.1	1.3	67.2	2.8	50.0	12.0	0.7	1.7	30.4
Fall 2015	100.0	2.4	1.1	1.4	66.6	2.9	49.4	12.0	0.7	1.7	31.0
Pupils per staff member											
1949–50 <sup>2</sup>	19.3	746.4	1,052.1	2,569.2	26.2	582.1	27.5	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	81.1
1959–60 <sup>2</sup>	16.8	829.3	1,228.1	2,554.1	24.3	553.6	26.0	( <sup>3</sup> )	2,026.3	2,402.7	58.8
1969–70 <sup>2</sup>	13.6	697.7	1,349.8	1,444.3	20.2	502.8	22.6	793.3	1,067.0	934.1	43.8
Fall 1980 <sup>2</sup>	9.8	518.9	702.0	1,988.8	15.0	381.8	18.7	125.5	851.3	639.0	30.0
Fall 1990	9.2	543.3	—	—	13.5	323.5	17.2	104.1	825.8	515.5	30.2
Fall 1999	8.3	497.8	844.8	1,211.8	12.3	341.5	16.1	75.3	873.2	490.0	27.3
Fall 2000	8.3	485.3	816.1	1,197.1	12.2	332.9	16.0	73.6	870.2	483.0	27.2
Fall 2001	8.1	435.3	750.5	1,036.1	12.0	296.9	15.9	70.7	877.1	476.5	26.4
Fall 2002	8.1	435.0	767.5	1,003.9	12.0	293.5	15.9	72.6	888.9	477.5	26.4
Fall 2003	8.2	451.6	765.4	1,101.6	12.0	293.8	15.9	70.8	893.1	488.4	27.1
Fall 2004	8.1	436.3	761.2	1,022.3	11.8	294.6	15.8	69.0	901.2	479.2	26.7
Fall 2005	8.0	405.3	786.3	836.7	11.8	313.9	15.6	70.8	908.5	472.6	26.4
Fall 2006	8.0	415.4	918.0	758.9	11.8	320.9	15.6	69.5	905.8	480.0	26.7
Fall 2007	7.9	379.0	830.4	697.3	11.6	312.9	15.4	68.7	906.3	467.2	26.4
Fall 2008	7.8	363.0	792.6	669.8	11.5	308.1	15.3	67.1	915.6	457.0	25.7
Fall 2009	7.8	356.5	771.6	662.5	11.5	293.0	15.4	66.6	939.4	459.2	25.5
Fall 2010	8.0	369.7	766.0	714.7	11.9	298.8	16.0	67.6	983.8	470.9	25.9
Fall 2011	8.1	379.2	787.5	731.4	12.0	297.6	16.0	69.7	1,023.1	470.1	26.4
Fall 2012	8.1	364.9	760.8	701.3	12.0	294.1	16.0	68.2	1,066.1	482.2	26.4
Fall 2013	8.1	358.3	749.9	686.2	12.0	297.7	16.1	67.8	1,109.5	491.0	26.6
Fall 2014	8.0	339.4	729.6	634.7	12.0	288.1	16.1	67.2	1,127.5	482.4	26.4
Fall 2015	7.9	324.8	744.2	576.5	11.9	277.1	16.0	66.0	1,163.0	465.4	25.5

—Not available.

<sup>1</sup>Includes school district administrative support staff, school and library support staff, student support staff, and other support services staff.

<sup>2</sup>Because of classification revisions, categories other than teachers, principals, librarians, and guidance counselors are only roughly comparable to figures for years after 1980.

<sup>3</sup>Data included in column 8.

NOTE: Data for 1949–50 through 1969–70 are cumulative for the entire school year, rather than counts as of the fall of the year. Detail may not sum to totals because of rounding. SOURCE: U.S. Department of Education, National Center for Education Statistics, Statistics of State School Systems, various years; *Statistics of Public Elementary and Secondary Schools*, various years; and Common Core of Data (CCD), "State Nonfiscal Survey of Public Elementary/Secondary Education," 1986–87 through 2015–16. (This table was prepared September 2017.)

**Table 213.20. Staff employed in public elementary and secondary school systems, by type of assignment and state or jurisdiction: Fall 2015**

[In full-time equivalents]

State or jurisdiction	Total	School district staff			School staff						Student support staff	Other support services staff
		Officials and administrators	Administrative support staff	Instruction coordinators	Principals and assistant principals	School and library support staff	Teachers	Instructional aides	Guidance counselors	Librarians		
1	2	3	4	5	6	7	8	9	10	11	12	13
<b>United States<sup>1</sup></b>	<b>6,382,816</b>	<b>67,778</b>	<b>190,681</b>	<b>87,495</b>	<b>182,006</b>	<b>279,128</b>	<b>3,151,497</b>	<b>764,537</b>	<b>108,376</b>	<b>43,368</b>	<b>338,888</b>	<b>1,169,063</b>
Alabama <sup>2</sup>	71,628	13	612	17	3,311	2,211	40,766	5,380	1,516	957	1,929	14,916
Alaska	16,982	600	793	0	647	1,129	7,832	2,490	308	118	622	2,444
Arizona	103,175	1,385	4,159	624	2,461	3,877	47,944	15,107	1,228	445	11,685	14,260
Arkansas	73,658	614	2,596	996	1,797	3,109	35,804	8,963	1,303	948	7,685	9,842
California	577,836	3,312	20,672	22,630	17,158	33,874	263,475	78,999	8,800	105	19,214	109,597
Colorado	111,939	1,348	4,630	3,335	3,434	5,903	51,798	17,396	2,392	583	6,774	14,347
Connecticut	98,166	2,324	1,584	5,217	2,402	3,509	43,772	16,516	1,170	760	3,620	17,291
Delaware	17,097	430	329	307	465	395	8,962	2,127	320	122	771	2,870
District of Columbia	14,106	434	927	403	656	823	6,789	1,733	172	99	1,308	761
Florida	345,645	2,146	15,502	682	8,687	16,879	182,586	32,096	5,770	2,061	11,323	67,914
Georgia	224,488	2,411	2,573	3,372	6,396	10,154	113,031	24,508	3,690	2,086	8,237	48,031
Hawaii	22,596	275	697	616	668	1,016	11,747	2,547	634	160	1,726	2,511
Idaho	27,186	128	648	241	673	1,178	15,656	2,928	500	48	540	4,644
Illinois	260,463	3,902	6,993	1,600	8,125	11,397	129,948	26,577	3,011	1,645	37,001	30,264
Indiana	152,826	1,170	739	3,995	3,336	7,998	57,675	17,033	1,964	692	18,819	39,404
Iowa	72,887	1,710	2,009	808	1,719	2,751	35,687	11,900	1,218	421	4,363	10,300
Kansas	73,272	488	1,362	992	1,895	2,704	40,035	9,065	1,111	630	4,400	10,589
Kentucky	97,712	945	2,254	1,598	3,475	5,697	41,902	12,857	1,553	1,053	3,130	23,248
Louisiana	107,600	106	453	1,569	3,711	4,238	58,469	13,640	1,828	1,194	4,300	18,092
Maine	35,241	629	704	427	940	1,700	14,857	5,743	564	195	4,098	5,384
Maryland	115,517	3,570	2,077	1,641	3,566	6,258	59,414	11,042	2,361	1,181	4,991	19,415
Massachusetts	128,291	2,207	2,828	429	4,816	6,797	71,969	25,530	2,349	659	9,068	1,638
Michigan	181,468	4,201	1,119	1,281	6,633	11,534	84,181	19,856	2,064	451	13,922	36,226
Minnesota	117,236	2,331	2,214	2,731	2,392	4,633	55,985	18,897	1,246	588	13,288	12,930
Mississippi	67,757	976	2,076	708	2,003	2,511	32,175	8,187	1,120	808	3,206	13,986
Missouri	128,938	872	7,013	1,453	3,288	336	67,635	13,802	2,637	1,391	5,314	25,196
Montana	21,330	429	716	163	523	728	10,412	2,633	449	368	989	3,920
Nebraska	47,292	629	1,353	808	1,081	1,920	23,308	6,838	831	550	1,561	8,413
Nevada	26,430	41	—	—	1,151	—	22,702	—	965	328	338	905
New Hampshire	31,980	758	726	273	496	736	14,770	7,044	828	321	730	5,300
New Jersey	236,558	1,406	5,512	3,964	5,069	9,922	114,968	37,615	3,816	1,415	13,349	39,522
New Mexico	37,573	216	34	385	1,184	2,113	21,722	5,884	713	232	1,417	3,670
New York	372,692	3,004	18,735	1,688	10,258	8,508	206,086	43,977	6,933	2,407	11,012	60,085
North Carolina	190,855	1,664	5,524	1,226	5,808	7,278	99,355	21,900	4,124	2,158	10,827	30,990
North Dakota	17,983	498	274	225	478	776	9,195	2,540	359	192	893	2,554
Ohio	322,611	2,502	14,414	2,592	5,464	14,088	101,742	21,601	3,881	869	26,170	129,289
Oklahoma	85,915	605	3,058	339	2,328	4,524	42,452	10,051	1,611	1,000	4,948	14,998
Oregon	65,928	464	2,586	494	1,656	4,735	29,086	10,468	1,127	164	2,684	12,465
Pennsylvania	241,548	2,435	7,182	1,634	4,991	11,168	120,893	31,340	4,317	1,719	8,178	47,691
Rhode Island	19,483	266	547	187	539	660	10,631	2,371	335	193	2,012	1,742
South Carolina	78,108	767	2,352	1,482	3,151	2,252	50,237	11,143	2,079	1,087	3,556	2,047
South Dakota	19,543	718	372	208	481	674	9,638	2,645	346	101	981	3,422
Tennessee	128,469	213	1,367	817	3,643	5,272	66,488	16,417	2,980	1,725	1,550	27,997
Texas	690,077	6,532	25,087	3,840	25,580	27,829	347,329	66,089	11,943	4,577	26,747	144,525
Utah <sup>3</sup>	56,146	409	752	1,986	1,431	2,796	28,348	8,891	952	252	1,208	9,122
Vermont	18,183	134	463	265	495	880	8,338	3,938	451	209	963	2,047
Virginia	178,551	1,831	4,248	1,840	4,235	8,335	90,255	19,132	3,334	1,693	4,680	38,967
Washington <sup>4</sup>	94,883	1,322	3,046	3,324	3,215	5,385	57,942	11,731	2,131	1,108	3,384	2,295
West Virginia	38,452	903	1,415	401	1,145	475	19,664	3,663	731	280	1,154	8,622
Wisconsin	101,250	1,093	2,860	1,312	2,601	4,456	58,185	9,228	1,891	914	7,485	11,226
Wyoming	17,269	412	496	369	392	1,006	7,653	2,480	421	108	738	3,193
Bureau of Indian Education ..	—	—	—	—	—	—	—	—	—	—	—	—
DoD, overseas ..	—	—	—	—	—	—	—	—	—	—	—	—
DoD, domestic ..	—	—	—	—	—	—	—	—	—	—	—	—
Other jurisdictions												
American Samoa ..	—	—	—	—	—	—	—	—	—	—	—	—
Guam ..	4,019	49	93	219	96	178	2,336	624	83	38	129	174
Northern Marianas ..	—	—	—	—	—	—	—	—	—	—	—	—
Puerto Rico ..	48,820	357	589	502	1,332	2,638	30,438	70	659	846	4,411	6,978
US Virgin Islands ..	2,284	9	52	35	76	193	1,106	278	55	0	65	415

—Not available.

<sup>1</sup>Includes imputations to correct for undercounts in states as designated in footnotes 2 through 4.

<sup>2</sup>Includes imputations for school district administrative support staff.

<sup>3</sup>All data are imputed.

<sup>4</sup>Includes imputations for library support staff.

NOTE: DoD = Department of Defense.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Common Core of Data (CCD), "State Nonfiscal Survey of Public Elementary/Secondary Education," 2015–16. (This table was prepared January 2018.)

**Table 213.40. Staff, teachers, and teachers as a percentage of staff in public elementary and secondary school systems, by state or jurisdiction: Selected years, fall 2000 through fall 2015**

[In full-time equivalents]

State or jurisdiction	Teachers as a percent of staff						Fall 2013			Fall 2014			Fall 2015		
	Fall 2000	Fall 2005	Fall 2009	Fall 2010	Fall 2011	Fall 2012	All staff	Teachers	Teachers as a percent of staff	All staff	Teachers	Teachers as a percent of staff	All staff	Teachers	Teachers as a percent of staff
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
<b>United States<sup>1</sup> .....</b>	<b>51.5</b>	<b>51.3</b>	<b>50.5</b>	<b>50.0</b>	<b>50.6</b>	<b>50.3</b>	<b>6,187,901</b>	<b>3,113,764</b>	<b>50.3<sup>2</sup></b>	<b>6,258,543</b>	<b>3,132,351</b>	<b>50.0</b>	<b>6,382,816</b>	<b>3,151,497</b>	<b>49.4</b>
Alabama .....	53.7 <sup>2</sup>	55.7	50.5	51.9	51.7	53.8 <sup>2</sup>	91,753	47,162	51.4	87,454	42,737	48.9	71,628 <sup>2</sup>	40,766	56.9 <sup>2</sup>
Alaska .....	49.3 <sup>2</sup>	44.1 <sup>2</sup>	45.6 <sup>2</sup>	45.1 <sup>2</sup>	45.6 <sup>2</sup>	44.9 <sup>2</sup>	17,127 <sup>2</sup>	7,898	46.1 <sup>2</sup>	17,088 <sup>2</sup>	7,759	45.4 <sup>2</sup>	16,982	7,832	46.1
Arizona .....	49.3	51.3	51.8	51.8	51.5	47.3	103,343	48,359	46.8	102,383	48,124	47.0	103,175	47,944	46.5
Arkansas .....	50.6	46.7	50.1	47.5	46.8	47.9	70,387	34,933	49.6	74,107	35,430	47.8	73,658	35,804	48.6
California .....	54.1 <sup>2</sup>	53.4 <sup>2</sup>	51.9 <sup>2</sup>	49.2 <sup>2</sup>	49.1 <sup>2</sup>	48.9 <sup>2</sup>	541,762 <sup>2</sup>	259,506 <sup>2</sup>	47.9 <sup>2</sup>	571,389 <sup>2</sup>	267,685 <sup>2</sup>	46.8 <sup>2</sup>	577,836	263,475	45.6
Colorado .....	50.7	49.2	47.5	47.9	47.9	47.7	104,025	50,157	48.2	108,671	51,388	47.3	111,939	51,798	46.3
Connecticut .....	50.0	46.9	46.9	46.1	47.1	48.1	94,208	43,443	46.1	94,058	42,062	44.7	98,166	43,772	44.6
Delaware .....	59.2	51.7	50.9	54.2	55.6	52.7	18,253	9,388	51.4	18,553	9,649	52.0	17,097	8,962	52.4
District of Columbia ..	46.2	44.3 <sup>2</sup>	50.1	52.1	54.4	47.5	11,403	5,991	52.5	13,617	6,565	48.2	14,106	6,789	48.1
Florida .....	47.8	50.6	54.8	52.7	53.2	52.7	335,081	177,853	53.1	341,440	180,442	52.8	345,645	182,586	52.8
Georgia .....	49.2	49.6	49.4	49.5	49.6	49.6	218,097	109,441	50.2	221,926	111,470	50.2	224,488	113,031	50.4
Hawaii .....	59.5	53.3	52.9	52.5	51.9	52.2	22,438	11,781	52.5	22,424	11,663	52.0	22,596	11,747	52.0
Idaho .....	56.2	55.8	54.9	56.4	57.0	55.3 <sup>2</sup>	23,803 <sup>2</sup>	15,002	63.0 <sup>2</sup>	27,451	15,609	56.9	27,186	15,656	57.6
Illinois .....	51.1 <sup>2</sup>	53.2 <sup>2</sup>	62.4 <sup>2</sup>	61.6 <sup>2</sup>	61.7 <sup>2</sup>	51.5 <sup>2</sup>	266,645 <sup>2</sup>	136,355 <sup>2</sup>	51.1 <sup>2</sup>	261,922	132,456	50.6	260,463	129,948	49.9
Indiana .....	46.7	45.5	43.6	41.9 <sup>2</sup>	41.5	40.5	144,412	59,823	41.4	139,587	56,547	40.5	152,826	57,675	37.7
Iowa .....	51.1	50.9	49.4	49.8	49.6	49.3	71,551	35,397	49.5	72,129	35,684	49.5	72,887	35,687	49.0
Kansas .....	50.9	51.3	51.4	51.1	53.0	56.5	72,016	38,153	53.0	71,175	37,659	52.9	73,272	40,035	54.6
Kentucky .....	44.1	43.3	42.3	42.4	45.4	43.1	97,808	41,820	42.8	97,269	41,586	42.8	97,712	41,902	42.9
Louisiana .....	49.3	48.2	48.3	48.2	48.2	48.6	95,687	46,437	48.5	85,371	46,340	54.3	107,600	58,469	54.3
Maine .....	49.7	47.3	43.8	47.3	37.3 <sup>2</sup>	46.3	34,249	15,452	45.1	32,225	14,937	46.4	35,241	14,857	42.2
Maryland .....	54.3	51.0	50.7	50.6	50.8	51.0	115,066	58,611	50.9	117,238	59,194	50.5	115,517	59,414	51.4
Massachusetts .....	55.1	53.0 <sup>2</sup>	56.8	56.3	56.4	56.4	126,962	70,490	55.5	128,723	71,859	55.8	128,291	71,969	56.1
Michigan .....	46.1	47.9 <sup>2</sup>	45.3	45.8	46.2	46.3	184,175	85,786	46.6	183,722	85,038	46.3	181,468	84,181	46.4
Minnesota .....	51.6 <sup>2</sup>	48.9	48.4	48.3	48.4	48.2	112,735	54,413	48.3	115,999	55,690	48.0	117,236	55,985	47.8
Mississippi .....	47.9	46.5	46.8	47.5	47.2	47.8	68,252	32,292	47.3	68,000	32,311	47.5	67,757	32,175	47.5
Missouri .....	53.2	52.1	51.3	52.0	50.1	52.2	123,505	66,651	54.0	127,062	67,356	53.0	128,938	67,635	52.5
Montana .....	53.5 <sup>2</sup>	52.9 <sup>2</sup>	54.1 <sup>2</sup>	53.8 <sup>2</sup>	54.0 <sup>2</sup>	54.0 <sup>2</sup>	20,885 <sup>2</sup>	10,310	49.4 <sup>2</sup>	20,456 <sup>2</sup>	10,234	50.0 <sup>2</sup>	21,330	10,412	48.8
Nebraska .....	52.6	51.9	48.6	49.1	49.0	48.7	45,907	22,401	48.8	46,931	22,988	49.0	47,292	23,308	49.3
Nevada .....	58.6	67.2 <sup>2</sup>	65.5 <sup>2</sup>	65.4 <sup>2</sup>	65.0 <sup>2</sup>	63.3 <sup>2</sup>	34,003 <sup>2</sup>	21,921	64.5 <sup>2</sup>	33,749 <sup>2</sup>	21,656	64.2 <sup>2</sup>	26,430	22,702	85.9
New Hampshire .....	51.1	48.5	47.1	46.6	47.1	47.0	31,832	14,826	46.6	31,851	14,773	46.4	31,980	14,770	46.2
New Jersey .....	53.4	53.2 <sup>2</sup>	53.9 <sup>2</sup>	54.4 <sup>2</sup>	54.1 <sup>2</sup>	49.7 <sup>2</sup>	231,012 <sup>2</sup>	114,581	49.6 <sup>2</sup>	235,231 <sup>2</sup>	115,067	48.9 <sup>2</sup>	236,558	114,968	48.6
New Mexico .....	46.8	45.9	47.8	48.2	47.8	48.0	46,380	22,239	47.9	46,921	22,411	47.8	37,573	21,722	57.8
New York .....	49.7	58.6	50.9	51.1	51.5	55.9	359,255	206,693	57.5	356,055	203,781	57.2	372,692	206,086	55.3
North Carolina .....	51.5	52.5	52.4 <sup>2</sup>	51.0	51.6	51.4	192,336	99,327	51.6	191,323	99,320	51.9	190,855	99,355	52.1
North Dakota .....	53.9	52.9	52.3	51.8	52.0	51.9	17,036	8,805	51.7	17,599	9,049	51.4	17,983	9,195	51.1
Ohio .....	53.1	49.4	45.6	45.3	44.3	43.7	248,469	106,010	42.7	250,106 <sup>2</sup>	106,526 <sup>2</sup>	42.6 <sup>2</sup>	322,611	101,742	31.5
Oklahoma .....	55.0	51.1	50.3	50.2	50.0	49.5	85,152	41,983	49.3	85,835	42,073	49.0	85,915	42,452	49.4
Oregon .....	50.0	47.0	45.7	44.2	44.1	44.2	59,768	26,733	44.7	62,956	27,850	44.2	65,928	29,086	44.1
Pennsylvania .....	52.2	50.9	51.6	48.7	49.0	48.8	243,021 <sup>2</sup>	121,330	49.9 <sup>2</sup>	243,290	122,030	50.2	241,548	120,893	50.0
Rhode Island .....	60.0	58.4 <sup>2</sup>	60.4	60.2	60.9	58.3	17,312	9,824	56.7	15,716	9,471	60.3	19,483	10,631	54.6
South Carolina .....	65.7 <sup>2</sup>	70.9 <sup>2</sup>	69.7	69.0	67.5	66.3	72,401	48,151	66.5	75,718	49,475	65.3	78,108	50,237	64.3
South Dakota .....	52.0	48.0	50.1	48.7	48.5	48.8	19,205	9,510	49.5	19,326	9,618	49.8	19,543	9,638	49.3
Tennessee .....	52.1	52.2	51.2	51.9	51.9	52.0	125,506	65,847	52.5	127,043	65,341	51.4	128,469	66,488	51.8
Texas .....	50.6	50.5	50.3	50.3	50.7	50.8	658,340	334,580	50.8	675,112	342,257	50.7	690,077	347,329	50.3
Utah .....	54.1	50.2	49.4	49.1	49.9	49.5	54,945	27,247	49.6	55,355 <sup>2</sup>	27,374 <sup>2</sup>	49.5 <sup>2</sup>	56,146 <sup>2</sup>	28,348 <sup>2</sup>	50.5 <sup>2</sup>
Vermont .....	47.3	46.5	45.2	45.3	45.5	45.6	18,300	8,375	45.8	18,130	8,276	45.6	18,183	8,338	45.9
Virginia .....	54.1 <sup>2</sup>	44.4	34.8	35.3	50.4	50.4	178,202	90,098	50.6	177,733	89,968	50.6	178,551	90,255	50.5
Washington .....	52.3	47.0	51.4	52.0	52.1	52.4	105,365	54,867	52.1	111,696	59,555	53.3	94,883 <sup>2</sup>	57,942	61.1 <sup>2</sup>
West Virginia .....	54.3	52.3	51.8 <sup>2</sup>	51.8 <sup>2</sup>	51.4 <sup>2</sup>	51.2 <sup>2</sup>	39,121 <sup>2</sup>	19,978	51.1 <sup>2</sup>	39,272 <sup>2</sup>	20,029	51.0 <sup>2</sup>	38,452	19,664	51.1
Wisconsin .....	56.3	57.0	55.5	55.5	55.4	56.6	102,476	57,980	56.6	103,208 <sup>2</sup>	58,376 <sup>2</sup>	56.6 <sup>2</sup>	101,250	58,185	57.5
Wyoming .....	48.6	46.2	43.5	43.4	45.8	44.3	16,931	7,555	44.6	16,946	7,615	44.9	17,269	7,653	44.3
Bureau of Indian Education .....	—	—	—	—	—	42.9 <sup>3</sup>	—	—	—	—	—	—	—	—	—
DoD, overseas .....	66.0	62.9	—	—	—	—	—	—	—	—	—	—	—	—	—
DoD, domestic .....	59.2	55.4	—	—	—	—	—	—	—	—	—	—	—	—	—
Other jurisdictions															
American Samoa .....	50.0	68.4	—	—	—	—	—	—	—	—	—	—	—	—	—
Guam .....	51.5	52.2	—	54.5	58.4	58.4	3,923	2,291	58.4	3,938	2,286	58.0	4,019	2,336	58.1
Northern Marianas .....	50.2	49.8	47.8	50.0	47.6	45.9	876	417	47.6	—	—	—	—	—	—
Puerto Rico .....	54.4	56.0	61.9	61.6	59.3	57.0	54,430	33,412	61.4	50,099	31,186	62.2	48,820	30,438	62.3
US Virgin Islands .....	52.1	53.8	49.9	49.9	50.9	51.1	2,170	1,082	49.9	2,212	1,131	51.1	2,284	1,106	48.4

—Not available.

<sup>1</sup>U.S. totals include imputations for underreporting and nonreporting states.

<sup>2</sup>Includes imputations to correct for underreporting.

<sup>3</sup>Total staff count excludes officials and administrators and administrative support staff, so computed percentage of teachers may be overstated.

NOTE: DoD = Department of Defense.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Common Core of Data (CCD), "State Nonfiscal Survey of Public Elementary/Secondary Education," 2000-01 through 2015-16. (This table was prepared January 2018.)

**Table 213.50. Staff, enrollment, and pupil/staff ratios in public elementary and secondary school systems, by state or jurisdiction: Selected years, fall 2000 through fall 2015**

State or jurisdiction	Pupil/staff ratio						Fall 2013			Fall 2014		Fall 2015			
	Fall 2000	Fall 2005	Fall 2009	Fall 2010	Fall 2011	Fall 2012	Staff	Enrollment	Pupil/staff ratio	Staff	Enrollment	Pupil/staff ratio	Staff	Enrollment	Pupil/staff ratio
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
<b>United States<sup>1</sup> .....</b>	<b>8.3</b>	<b>8.0</b>	<b>7.8</b>	<b>8.0</b>	<b>8.1</b>	<b>8.1</b>	<b>6,187,901</b>	<b>50,044,522</b>	<b>8.1</b>	<b>6,258,543</b>	<b>50,312,581</b>	<b>8.0</b>	<b>6,382,816</b>	<b>50,438,043</b>	<b>7.9</b>
Alabama .....	8.2 <sup>2</sup>	7.1	8.0	7.9	8.1	7.7 <sup>2</sup>	91,753	746,204	8.1	87,454	744,164	8.5	71,628 <sup>2</sup>	743,789	10.4 <sup>2</sup>
Alaska .....	8.3 <sup>2</sup>	7.4 <sup>2</sup>	7.4 <sup>2</sup>	7.3 <sup>2</sup>	7.4 <sup>2</sup>	7.7 <sup>2</sup>	17,127 <sup>2</sup>	130,944	7.6 <sup>2</sup>	17,088 <sup>2</sup>	131,176	7.7 <sup>2</sup>	16,982	132,477	7.8
Arizona .....	9.7	10.9	10.7	11.1	10.9	10.6	103,343	1,102,445	10.7	102,383	1,111,695	10.9	103,175	1,109,040	10.7
Arkansas .....	7.1	6.7	6.5	6.7	6.6	6.8	70,387	489,979	7.0	74,107	490,917	6.6	73,658	492,132	6.7
California .....	11.1 <sup>2</sup>	11.1 <sup>2</sup>	10.3 <sup>2</sup>	11.9 <sup>2</sup>	11.5 <sup>2</sup>	11.6 <sup>2</sup>	541,762 <sup>2</sup>	6,312,623	11.7 <sup>2</sup>	571,389 <sup>2</sup>	6,312,161	11.0 <sup>2</sup>	577,836	6,305,347	10.9
Colorado .....	8.7	8.4	8.1	8.3	8.5	8.4	104,025	876,999	8.4	108,671	889,006	8.2	111,939	899,112	8.0
Connecticut .....	6.8	6.8	6.1	6.0	6.0	6.0	94,208	546,200	5.8	94,058	542,678	5.8	98,166	537,933	5.5
Delaware .....	9.1	7.8	7.5	7.9	8.3	7.4	18,253	131,687	7.2	18,553	134,042	7.2	17,097	134,847	7.9
District of Columbia ..	6.4	6.2 <sup>2</sup>	5.9	6.3	6.4	6.1	11,403	78,153	6.9	13,617	80,958	5.9	14,106	84,024	6.0
Florida .....	8.8	8.5	7.9	7.9	8.1	8.0	335,081	2,720,744	8.1	341,440	2,756,944	8.1	345,645	2,792,234	8.1
Georgia .....	7.8	7.3	7.1	7.4	7.5	7.7	218,097	1,723,909	7.9	221,926	1,744,437	7.9	224,488	1,757,237	7.8
Hawaii .....	10.0	8.7	8.3	8.3	8.3	8.3	22,438	186,825	8.3	22,424	182,384	8.1	22,596	181,995	8.1
Idaho .....	10.1	10.1	10.0	9.9	10.0	10.8 <sup>2</sup>	23,803 <sup>2</sup>	296,476	12.5 <sup>2</sup>	27,451	290,885	10.6	27,186	292,277	10.8
Illinois .....	8.2 <sup>2</sup>	8.4 <sup>2</sup>	9.5 <sup>2</sup>	9.7 <sup>2</sup>	9.8 <sup>2</sup>	7.9 <sup>2</sup>	266,645 <sup>2</sup>	2,066,990	7.8 <sup>2</sup>	261,922	2,050,239	7.8	260,463	2,041,779	7.8
Indiana .....	7.8	7.8	7.3	7.5 <sup>2</sup>	6.9	7.0	144,412	1,047,385	7.3	139,587	1,046,269	7.5	152,826	1,046,757	6.8
Iowa .....	7.3	7.0	6.8	7.1	7.1	7.0	71,551	502,964	7.0	72,129	505,311	7.0	72,887	508,014	7.0
Kansas .....	7.3	7.1	7.0	7.1	6.9	6.7	72,016	496,440	6.9	71,175	497,275	7.0	73,272	495,884	6.8
Kentucky .....	7.4	6.9	6.9	6.8	7.4	6.9	97,808	677,389	6.9	97,269	688,640	7.1	97,712	686,598	7.0
Louisiana .....	7.3	7.1	6.7	6.9	7.0	7.4	95,687	711,491	7.4	85,371	716,800	8.4	107,600	718,711	6.7
Maine .....	6.2	5.5	5.1	5.8	4.7 <sup>2</sup>	5.7	34,249	183,995	5.4	32,225	182,470	5.7	35,241	181,613	5.2
Maryland .....	8.8	7.7	7.4	7.4	7.5	7.6	115,066	866,169	7.5	117,238	874,514	7.5	115,517	879,601	7.6
Massachusetts .....	8.0	7.0 <sup>2</sup>	7.8	7.8	7.8	7.6	126,962	955,739	7.5	128,723	955,844	7.4	128,291	964,026	7.5
Michigan .....	8.2 <sup>2</sup>	8.5 <sup>2</sup>	8.1	8.2	8.4	8.4	184,175	1,548,841	8.4	183,722	1,537,922	8.4	181,468	1,536,231	8.5
Minnesota .....	8.2 <sup>2</sup>	8.0	7.7	7.7	7.7	7.6	112,735	850,973	7.5	115,999	857,235	7.4	117,236	864,384	7.4
Mississippi .....	7.7	7.3	7.0	7.2	7.2	7.2	68,252	492,586	7.2	68,000	490,917	7.2	67,757	487,200	7.2
Missouri .....	7.5	7.1	7.0	7.2	6.9	7.2	123,505	918,288	7.4	127,062	917,785	7.2	128,938	919,234	7.1
Montana .....	8.0 <sup>2</sup>	7.4 <sup>2</sup>	7.3 <sup>2</sup>	7.4 <sup>2</sup>	7.6 <sup>2</sup>	7.6 <sup>2</sup>	20,885 <sup>2</sup>	144,129	6.9 <sup>2</sup>	20,456 <sup>2</sup>	144,532	7.1 <sup>2</sup>	21,330	145,319	6.8
Nebraska .....	7.2	7.0	6.4	6.6	6.7	6.7	45,907	307,677	6.7	46,931	312,635	6.7	47,292	316,014	6.7
Nevada .....	10.9	12.7 <sup>2</sup>	12.7 <sup>2</sup>	13.1 <sup>2</sup>	13.5 <sup>2</sup>	13.6 <sup>2</sup>	34,003 <sup>2</sup>	451,831	13.3 <sup>2</sup>	33,749 <sup>2</sup>	459,189	13.6 <sup>2</sup>	26,430	467,527	17.7
New Hampshire .....	7.4	6.4	6.0	5.9	6.0	6.0	31,832	186,310	5.9	31,851	184,670	5.8	31,980	182,425	5.7
New Jersey .....	7.1	6.6 <sup>2</sup>	6.5 <sup>2</sup>	6.9 <sup>2</sup>	6.7 <sup>2</sup>	6.1 <sup>2</sup>	231,012 <sup>2</sup>	1,370,295	5.9 <sup>2</sup>	235,231 <sup>2</sup>	1,400,579	6.0 <sup>2</sup>	236,558	1,408,845	6.0
New Mexico .....	7.1	6.8	7.0	7.3	7.3	7.3	46,380	339,244	7.3	46,921	340,365	7.3	37,573	335,694	8.9
New York .....	6.9	7.5	6.6	6.6	6.7	7.3	359,255	2,732,770	7.6	356,055	2,741,185	7.7	372,692	2,711,626	7.3
North Carolina .....	8.0	7.8	7.4 <sup>2</sup>	7.7	8.0	7.9	192,336	1,530,857	8.0	191,323	1,548,895	8.1	190,855	1,544,934	8.1
North Dakota .....	7.2	6.5	5.9	5.9	6.0	6.0	17,036	103,947	6.1	17,599	106,586	6.1	17,983	108,644	6.0
Ohio .....	8.2	7.7	7.2	7.3	7.1	7.1	248,469	1,724,111	6.9	250,106 <sup>2</sup>	1,724,810	6.9 <sup>2</sup>	322,611	1,716,585	5.3
Oklahoma .....	8.3	7.8	7.7	8.0	8.1	8.0	85,152	681,848	8.0	85,835	688,511	8.0	85,915	692,878	8.1
Oregon .....	9.7	9.2	9.3	9.0	9.4	9.8	59,768	593,000	9.9	62,956	601,318	9.6	65,928	608,825	9.2
Pennsylvania .....	8.1	7.6	7.0	6.7	7.0	7.0	243,021 <sup>2</sup>	1,755,236	7.2 <sup>2</sup>	243,290	1,743,160	7.2	241,548	1,717,414	7.1
Rhode Island .....	8.9	6.3 <sup>2</sup>	7.7	7.7	7.6	8.4	17,312	142,008	8.2	15,716	141,959	9.0	19,483	142,014	7.3
South Carolina .....	9.8 <sup>2</sup>	10.3 <sup>2</sup>	10.7	11.1	10.5	10.2	72,401	745,657	10.3	75,718	756,523	10.0	78,108	763,533	9.8
South Dakota .....	7.1	6.4	6.6	6.5	6.7	6.8	19,205	130,890	6.8	19,326	133,040	6.9	19,543	134,253	6.9
Tennessee .....	8.3 <sup>2</sup>	8.4	7.6	7.7	7.8	7.8	125,506	993,556	7.9	127,043	995,475	7.8	128,469	1,001,235	7.8
Texas .....	7.5	7.6	7.3	7.4	7.8	7.9	658,340	5,153,702	7.8	675,112	5,233,765	7.8	690,077	5,301,477	7.7
Utah .....	11.8	11.1	11.0	11.2	11.5	11.4	54,945	625,461	11.4	55,355 <sup>2</sup>	635,577	11.5 <sup>2</sup>	56,146 <sup>2</sup>	647,870	11.5 <sup>2</sup>
Vermont .....	5.7	5.1	4.7	5.2	4.9	4.9	18,300	88,690	4.8	18,130	87,311	4.8	18,183	87,866	4.8
Virginia .....	7.1 <sup>2</sup>	5.2	6.1	6.2	7.0	7.1	178,202	1,273,825	7.1	177,733	1,280,381	7.2	178,551	1,283,590	7.2
Washington .....	10.3	9.1	10.0	10.1	10.3	10.3	105,365	1,058,936	10.1	111,696	1,073,638	9.6	94,883 <sup>2</sup>	1,087,030	11.5 <sup>2</sup>
West Virginia .....	7.4	7.4	7.2 <sup>2</sup>	7.2 <sup>2</sup>	7.2 <sup>2</sup>	7.2 <sup>2</sup>	39,121 <sup>2</sup>	280,958	7.2 <sup>2</sup>	39,272 <sup>2</sup>	280,310	7.1 <sup>2</sup>	38,452	277,452	7.2
Wisconsin .....	8.2	8.3	8.3	8.4	8.6	8.6	102,476	874,414	8.5	103,208 <sup>2</sup>	871,432	8.4 <sup>2</sup>	101,250	867,800	8.6
Wyoming .....	6.4	5.8	5.4	5.4	5.3	5.5	16,931	92,732	5.5	16,946	94,067	5.6	17,269	94,717	5.5
Bureau of Indian Education .....	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
DoD, overseas .....	9.5	6.9	—	—	—	—	—	—	—	—	—	—	—	74,970	—
DoD, domestic .....	8.4	7.7	—	—	—	—	—	—	—	—	—	—	—	—	—
Other jurisdictions															
American Samoa .....	9.6	11.4	—	—	—	—	—	—	—	—	—	—	—	—	—
Guam .....	8.5	9.0	—	9.3	8.0	7.9	3,923	33,414	8.5	3,938	31,144	7.9	4,019	30,821	7.7
Northern Marianas .....	9.6	9.5	9.5	9.1	10.6	11.9	876	10,638	12.1	—	—	—	—	—	—
Puerto Rico .....	8.9	7.5	7.8	8.0	8.1	8.0	54,430	423,934	7.8	50,099	410,950	8.2	48,820	379,818	7.8
US Virgin Islands .....	6.7	6.3	5.4	5.3	6.6	6.9	2,170	14,953	6.9	2,212	14,241	6.4	2,284	13,805	6.0

—Not available.

<sup>1</sup>U.S. totals include imputations for underreporting and nonreporting states.

<sup>2</sup>Includes imputations to correct for underreporting.

NOTE: Staff reported in full-time equivalents. DoD = Department of Defense.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Common Core of Data (CCD), "State Nonfiscal Survey of Public Elementary/Secondary Education," 2000-01 through 2015-16. (This table was prepared January 2018.)

**Table 214.10. Number of public school districts and public and private elementary and secondary schools: Selected years, 1869–70 through 2015–16**

School year	Regular public school districts <sup>1</sup>	Total, all public and private schools	Public schools <sup>2</sup>				Private schools <sup>2,3</sup>			
			Total, all public schools <sup>4</sup>	Total, schools with reported grade spans <sup>5</sup>	Schools with elementary grades		Schools with secondary grades	Total, all private schools <sup>4</sup>	Schools with elementary grades	Schools with secondary grades
					Total	One-teacher				
1	2	3	4	5	6	7	8	9	10	11
1869–70	—	—	116,312	—	—	—	—	—	—	—
1879–80	—	—	178,122	—	—	—	—	—	—	—
1889–90	—	—	224,526	—	—	—	—	—	—	—
1899–1900	—	—	248,279	—	—	—	—	—	—	—
1909–10	—	—	265,474	—	—	212,448	—	—	—	—
1919–20	—	—	271,319	—	—	187,948	—	—	—	—
1929–30	—	—	248,117	—	238,306	148,712	23,930	—	9,275 <sup>6</sup>	3,258 <sup>6</sup>
1939–40	117,108 <sup>7</sup>	—	226,762	—	—	113,600	—	—	11,306 <sup>6</sup>	3,568 <sup>6</sup>
1949–50	83,718 <sup>7</sup>	—	—	—	128,225	59,652	24,542	—	10,375 <sup>6</sup>	3,331 <sup>6</sup>
1959–60	40,520 <sup>7</sup>	—	—	—	91,853	20,213	25,784	—	13,574 <sup>6</sup>	4,061 <sup>6</sup>
1961–62	35,676 <sup>7</sup>	125,634	107,260	—	81,910	13,333	25,350	18,374	14,762 <sup>6</sup>	4,129 <sup>6</sup>
1963–64	31,705 <sup>7</sup>	—	104,015	—	77,584	9,895	26,431	—	—	4,451 <sup>6</sup>
1965–66	26,983 <sup>7</sup>	117,662	99,813	—	73,216	6,491	26,597	17,849 <sup>6</sup>	15,340 <sup>6</sup>	4,606 <sup>6</sup>
1967–68	22,010 <sup>7</sup>	—	—	94,197	70,879	4,146	27,011	—	—	—
1970–71	17,995 <sup>7</sup>	—	—	89,372	65,800	1,815	25,352	—	14,372 <sup>6</sup>	3,770 <sup>6</sup>
1973–74	16,730 <sup>7</sup>	—	—	88,655	65,070	1,365	25,906	—	—	—
1975–76	16,376 <sup>7</sup>	—	88,597	87,034	63,242	1,166	25,330	—	—	—
1976–77	16,271 <sup>7</sup>	—	—	86,501	62,644	1,111	25,378	19,910 <sup>6</sup>	16,385 <sup>6</sup>	5,904 <sup>6</sup>
1978–79	16,014 <sup>7</sup>	—	—	84,816	61,982	1,056	24,504	19,489 <sup>6</sup>	16,097 <sup>6</sup>	5,766 <sup>6</sup>
1979–80	15,944 <sup>7</sup>	—	87,004	—	—	—	—	—	—	—
1980–81	15,912 <sup>7</sup>	106,746	85,982	83,688	61,069	921	24,362	20,764 <sup>6</sup>	16,792 <sup>6</sup>	5,678 <sup>6</sup>
1982–83	15,824 <sup>7</sup>	—	84,740	82,039	59,656	798	23,988	—	—	—
1983–84	15,747 <sup>7</sup>	111,872	84,178	81,418	59,082	838	23,947	27,694	20,872	7,862
1984–85	—	—	84,007	81,147	58,827	825	23,916	—	—	—
1985–86	—	—	—	—	—	—	—	25,616	20,252	7,387
1986–87	15,713	—	83,421	82,316	60,811	763	23,481	—	—	—
1987–88	15,577	110,055	83,248	81,416	59,754	729	23,841	26,807	22,959	8,418
1988–89	15,376	—	83,165	81,579	60,176	583	23,638	—	—	—
1989–90	15,367	110,137	83,425	81,880	60,699	630	23,461	26,712	24,221	10,197
1990–91	15,358	109,228	84,538	82,475	61,340	617	23,460	24,690	22,223	8,989
1991–92	15,173	110,576	84,578	82,506	61,739	569	23,248	25,998	23,523	9,282
1992–93	15,025	—	84,497	82,896	62,225	430	23,220	—	—	—
1993–94	14,881	111,486	85,393	83,431	62,726	442	23,379	26,093	23,543	10,555
1994–95	14,772	—	86,221	84,476	63,572	458	23,668	—	—	—
1995–96	14,766	121,519	87,125	84,958	63,961	474	23,793	34,394	32,401	10,942
1996–97	14,841	—	88,223	86,092	64,785	487	24,287	—	—	—
1997–98	14,805	123,403	89,508	87,541	65,859	476	24,802	33,895	31,408	10,779
1998–99	14,891	—	90,874	89,259	67,183	463	25,797	—	—	—
1999–2000	14,928	125,007	92,012	90,538	68,173	423	26,407	32,995	30,457	10,693
2000–01	14,859	—	93,273	91,691	69,697	411	27,090	—	—	—
2001–02	14,559	130,007	94,112	92,696	70,516	408	27,468	35,895	33,191	11,846
2002–03	14,465	—	95,615	93,869	71,270	366	28,151	—	—	—
2003–04	14,383	130,407	95,726	93,977	71,195	376	28,219	34,681	31,988	11,188
2004–05	14,205	—	96,513	95,001	71,556	338	29,017	—	—	—
2005–06	14,166	132,436	97,382	95,731	71,733	326	29,705	35,054	32,127	12,184
2006–07	13,856	—	98,793	96,362	72,442	313	29,904	—	—	—
2007–08	13,838	132,656	98,916	97,654	73,011	288	30,542	33,740	30,808	11,870
2008–09	13,809	—	98,706	97,119	72,771	237	29,971	—	—	—
2009–10	13,625	132,183	98,817	97,521	72,870	217	30,381	33,366	30,590	11,941
2010–11	13,588	—	98,817	97,767	73,223	224	30,681	—	—	—
2011–12	13,567	129,189	98,328	97,357	73,000	205	30,668	30,861	28,184	11,165
2012–13	13,515	—	98,454	97,331	73,037	196	30,623	—	—	—
2013–14	13,491	131,890	98,271	97,290	73,223	193	30,256	33,619	30,919	11,110
2014–15	13,601	—	98,176	97,601	73,420	165	30,528	—	—	—
2015–16	13,584	132,853	98,277	97,586	73,546	197	30,828	34,576	31,630	12,669

—Not available.

<sup>1</sup>Regular districts exclude regional education service agencies and supervisory union administrative centers, state-operated agencies, federally operated agencies, and other types of local education agencies, such as independent charter schools.

<sup>2</sup>Schools with both elementary and secondary grades are included under elementary schools and also under secondary schools.

<sup>3</sup>Data for most years prior to 1976–77 are partly estimated. Prior to 1995–96, excludes schools with highest grade of kindergarten.

<sup>4</sup>Includes schools not classified by grade span, which are not shown separately.

<sup>5</sup>Includes elementary, secondary, and combined elementary/secondary schools.

<sup>6</sup>These data cannot be compared directly with the data for years after 1980–81.

<sup>7</sup>Because of expanded survey coverage, data are not directly comparable with figures after 1983–84.

SOURCE: U.S. Department of Education, National Center for Education Statistics, *Annual Report of the Commissioner of Education*, 1870 through 1910; *Biennial Survey of Education in the United States*, 1919–20 through 1949–50; *Statistics of State School Systems*, 1951–52 through 1967–68; *Statistics of Public Elementary and Secondary School Systems*, 1970–71 through 1980–81; *Statistics of Public and Nonpublic Elementary and Secondary Day Schools*, 1968–69; *Statistics of Nonpublic Elementary and Secondary Schools*, 1970–71; *Private Schools in American Education*; Schools and Staffing Survey (SASS), "Private School Questionnaire," 1987–88 and 1990–91; Private School Universe Survey (PSS), 1989–90 through 2015–16; and Common Core of Data (CCD), "Local Education Agency Universe Survey" and "Public Elementary/Secondary School Universe Survey," 1982–83 through 2015–16. (This table was prepared September 2017.)

**Table 214.20. Number and percentage distribution of regular public school districts and students, by enrollment size of district: Selected years, 1979–80 through 2015–16**

Year	Enrollment size of district									
	Total	25,00 or more	10,000 to 24,999	5,000 to 9,999	2,500 to 4,999	1,000 to 2,499	600 to 999	300 to 599	1 to 299	Size not reported
1	2	3	4	5	6	7	8	9	10	11
Number of districts										
1979–80 .....	15,944	181	478	1,106	2,039	3,475	1,841	2,298	4,223	303
1989–90 .....	15,367	179	479	913	1,937	3,547	1,801	2,283	3,910	318
1999–2000 .....	14,928	238	579	1,036	2,068	3,457	1,814	2,081	3,298	357
2003–04 .....	14,383	256	594	1,058	2,031	3,421	1,728	1,981	2,994	320
2004–05 .....	14,205	264	589	1,056	2,018	3,391	1,739	1,931	2,881	336
2005–06 .....	14,166	269	594	1,066	2,015	3,335	1,768	1,895	2,857	367
2006–07 .....	13,856	275	598	1,066	2,006	3,334	1,730	1,898	2,685	264
2007–08 .....	13,838	281	589	1,062	2,006	3,292	1,753	1,890	2,692	273
2008–09 .....	13,809	280	594	1,049	1,995	3,272	1,766	1,886	2,721	246
2009–10 .....	13,625	284	598	1,044	1,985	3,242	1,750	1,891	2,707	124
2010–11 .....	13,588	282	600	1,052	1,975	3,224	1,738	1,887	2,687	143
2011–12 .....	13,567	286	592	1,044	1,952	3,222	1,755	1,911	2,676	129
2012–13 .....	13,515	290	588	1,048	1,924	3,227	1,751	1,908	2,678	101
2013–14 .....	13,491	286	596	1,046	1,920	3,186	1,791	1,894	2,668	104
2014–15 .....	13,601	288	609	1,046	1,898	3,221	1,766	1,880	2,687	206
2015–16 .....	13,584	287	613	1,040	1,888	3,214	1,782	1,909	2,643	208
Percentage distribution of districts										
1979–80 .....	100.0	1.1	3.0	6.9	12.8	21.8	11.5	14.4	26.5	1.9
1989–90 .....	100.0	1.2	3.1	5.9	12.6	23.1	11.7	14.9	25.4	2.1
1999–2000 .....	100.0	1.6	3.9	6.9	13.9	23.2	12.2	13.9	22.1	2.4
2003–04 .....	100.0	1.8	4.1	7.4	14.1	23.8	12.0	13.8	20.8	2.2
2004–05 .....	100.0	1.9	4.1	7.4	14.2	23.9	12.2	13.6	20.3	2.4
2005–06 .....	100.0	1.9	4.2	7.5	14.2	23.5	12.5	13.4	20.2	2.6
2006–07 .....	100.0	2.0	4.3	7.7	14.5	24.1	12.5	13.7	19.4	1.9
2007–08 .....	100.0	2.0	4.3	7.7	14.5	23.8	12.7	13.7	19.5	2.0
2008–09 .....	100.0	2.0	4.3	7.6	14.4	23.7	12.8	13.7	19.7	1.8
2009–10 .....	100.0	2.1	4.4	7.7	14.6	23.8	12.8	13.9	19.9	0.9
2010–11 .....	100.0	2.1	4.4	7.7	14.5	23.7	12.8	13.9	19.8	1.1
2011–12 .....	100.0	2.1	4.4	7.7	14.4	23.7	12.9	14.1	19.7	1.0
2012–13 .....	100.0	2.1	4.4	7.8	14.2	23.9	13.0	14.1	19.8	0.7
2013–14 .....	100.0	2.1	4.4	7.8	14.2	23.6	13.3	14.0	19.8	0.8
2014–15 .....	100.0	2.1	4.5	7.7	14.0	23.7	13.0	13.8	19.8	1.5
2015–16 .....	100.0	2.1	4.5	7.7	13.9	23.7	13.1	14.1	19.5	1.5
Number of students										
1979–80 .....	41,882,000	11,415,000	7,004,000	7,713,000	7,076,000	5,698,000	1,450,000	1,005,000	521,000	†
1989–90 .....	40,069,756	11,209,889	7,107,362	6,347,103	6,731,334	5,763,282	1,402,623	997,434	510,729	†
1999–2000 .....	46,318,635	14,886,636	8,656,672	7,120,704	7,244,407	5,620,962	1,426,280	911,127	451,847	†
2003–04 .....	47,685,982	15,939,776	9,039,697	7,342,745	7,160,367	5,558,125	1,355,563	867,599	422,110	†
2004–05 .....	47,800,967	16,182,672	8,980,096	7,346,960	7,134,861	5,533,156	1,368,546	851,455	403,221	†
2005–06 .....	48,013,931	16,376,213	9,055,547	7,394,010	7,114,942	5,442,588	1,391,314	835,430	403,887	†
2006–07 .....	48,105,666	16,496,573	9,083,944	7,395,889	7,092,532	5,433,770	1,363,287	840,032	399,639	†
2007–08 .....	48,096,140	16,669,611	8,946,432	7,408,553	7,103,274	5,358,492	1,381,342	834,295	394,141	†
2008–09 .....	48,033,126	16,634,807	9,043,665	7,324,565	7,079,061	5,329,406	1,392,110	832,262	397,250	†
2009–10 .....	48,021,335	16,788,789	9,053,144	7,265,111	7,034,640	5,266,945	1,381,415	835,035	396,256	†
2010–11 .....	48,059,830	16,803,247	9,150,912	7,318,413	6,973,720	5,215,389	1,372,759	833,764	391,626	†
2011–12 .....	47,973,834	16,934,369	9,031,528	7,266,770	6,907,658	5,218,533	1,381,289	842,134	391,553	†
2012–13 .....	48,033,002	17,101,040	8,967,874	7,300,285	6,817,724	5,232,487	1,377,490	841,150	394,952	†
2013–14 .....	48,124,386	17,125,416	9,128,194	7,270,070	6,792,172	5,169,748	1,412,987	832,091	393,708	†
2014–15 .....	48,390,432	17,267,232	9,275,438	7,270,961	6,740,298	5,214,007	1,393,249	831,703	397,544	†
2015–16 .....	48,413,211	17,301,641	9,347,240	7,223,779	6,693,454	5,202,470	1,405,851	844,470	394,306	†
Percentage distribution of students										
1979–80 .....	100.0	27.3	16.7	18.4	16.9	13.6	3.5	2.4	1.2	†
1989–90 .....	100.0	28.0	17.7	15.8	16.8	14.4	3.5	2.5	1.3	†
1999–2000 .....	100.0	32.1	18.7	15.4	15.6	12.1	3.1	2.0	1.0	†
2003–04 .....	100.0	33.4	19.0	15.4	15.0	11.7	2.8	1.8	0.9	†
2004–05 .....	100.0	33.9	18.8	15.4	14.9	11.6	2.9	1.8	0.8	†
2005–06 .....	100.0	34.1	18.9	15.4	14.8	11.3	2.9	1.7	0.8	†
2006–07 .....	100.0	34.3	18.9	15.4	14.7	11.3	2.8	1.7	0.8	†
2007–08 .....	100.0	34.7	18.6	15.4	14.8	11.1	2.9	1.7	0.8	†
2008–09 .....	100.0	34.6	18.8	15.2	14.7	11.1	2.9	1.7	0.8	†
2009–10 .....	100.0	35.0	18.9	15.1	14.6	11.0	2.9	1.7	0.8	†
2010–11 .....	100.0	35.0	19.0	15.2	14.5	10.9	2.9	1.7	0.8	†
2011–12 .....	100.0	35.3	18.8	15.1	14.4	10.9	2.9	1.8	0.8	†
2012–13 .....	100.0	35.6	18.7	15.2	14.2	10.9	2.9	1.8	0.8	†
2013–14 .....	100.0	35.6	19.0	15.1	14.1	10.7	2.9	1.7	0.8	†
2014–15 .....	100.0	35.7	19.2	15.0	13.9	10.8	2.9	1.7	0.8	†
2015–16 .....	100.0	35.7	19.3	14.9	13.8	10.7	2.9	1.7	0.8	†

†Not applicable.

NOTE: Size not reported (column 11) includes school districts reporting enrollment of zero and school districts whose enrollment counts were suppressed because they failed data quality edits. Regular districts exclude regional education service agencies and supervisory union administrative centers, state-operated agencies, federally operated agencies, and other types of local education agencies, such as independent charter schools. Enrollment

totals differ from other tables because this table represents data reported by regular school districts rather than states or schools. Detail may not sum to totals because of rounding. SOURCE: U.S. Department of Education, National Center for Education Statistics, Common Core of Data (CCD), "Local Education Agency Universe Survey," 1979–80 through 2015–16. (This table was prepared September 2017.)

**Table 214.30. Number of public elementary and secondary education agencies, by type of agency and state or jurisdiction: 2014–15 and 2015–16**

State or jurisdiction	Type of agency											
	Total agencies		Regular school districts <sup>1</sup>		Regional education service agencies and supervisory union administrative centers		State-operated agencies		Federally operated agencies		Independent charter schools and other agencies	
	2014–15	2015–16	2014–15	2015–16	2014–15	2015–16	2014–15	2015–16	2014–15	2015–16	2014–15	2015–16
1	2	3	4	5	6	7	8	9	10	11	12	13
<b>United States</b> .....	<b>18,243</b>	<b>18,321</b>	<b>13,601</b>	<b>13,584</b>	<b>1,374</b>	<b>1,377</b>	<b>259</b>	<b>261</b>	<b>4</b>	<b>4</b>	<b>3,005</b>	<b>3,095</b>
Alabama .....	179	180	134	134	0	0	45	46	0	0	0	0
Alaska .....	54	54	53	53	0	0	1	1	0	0	0	0
Arizona .....	691	692	234	234	8	8	9	9	0	0	440	441
Arkansas .....	287	289	235	233	15	15	5	5	0	0	32	36
California .....	1,163	1,163	1,058	1,058	78	76	3	4	0	0	24	25
Colorado .....	262	265	178	178	81	81	1	4	0	0	2	2
Connecticut .....	205	205	169	169	6	6	7	6	0	0	23	24
Delaware .....	46	50	19	19	1	1	2	2	0	0	24	28
District of Columbia .....	60	59	1	1	0	0	2	1	0	0	57	57
Florida .....	75	75	67	67	0	0	2	2	0	0	6	6
Georgia .....	218	223	180	180	16	16	7	7	0	0	15	20
Hawaii .....	1	1	1	1	0	0	0	0	0	0	0	0
Idaho .....	158	159	115	115	2	2	3	3	0	0	38	39
Illinois .....	1,057	1,052	859	854	186	186	5	5	0	0	7	7
Indiana .....	411	418	295	294	30	30	4	4	0	0	82	90
Iowa .....	347	345	338	336	9	9	0	0	0	0	0	0
Kansas .....	317	317	307	307	0	0	10	10	0	0	0	0
Kentucky .....	185	186	173	173	9	9	3	4	0	0	0	0
Louisiana .....	139	179	69	69	0	0	6	6	0	0	64	104
Maine .....	261	267	243	248	8	8	4	4	0	0	6	7
Maryland .....	25	25	24	24	0	0	1	1	0	0	0	0
Massachusetts .....	406	408	238	239	87	87	1	1	0	0	80	81
Michigan .....	911	902	548	542	56	56	6	5	0	0	301	299
Minnesota .....	554	564	332	332	61	63	4	4	0	0	157	165
Mississippi .....	157	157	146	144	0	0	11	11	0	0	0	2
Missouri .....	566	567	520	518	0	0	5	6	0	0	41	43
Montana .....	492	490	406	404	77	77	4	4	0	0	5	5
Nebraska .....	284	284	245	245	34	34	5	5	0	0	0	0
Nevada .....	19	19	18	18	0	0	0	0	0	0	1	1
New Hampshire .....	296	299	179	180	95	95	0	0	0	0	22	24
New Jersey .....	693	694	602	601	0	0	4	4	0	0	87	89
New Mexico .....	152	158	89	89	0	0	6	6	0	0	57	63
New York <sup>2</sup> .....	982	989	691	690	37	37	6	6	0	0	248	256
North Carolina .....	287	297	115	115	0	1	4	4	3	3	165	174
North Dakota .....	221	222	175	175	43	44	3	3	0	0	0	0
Ohio .....	1,106	1,103	617	622	104	104	4	4	0	0	381	373
Oklahoma .....	600	605	517	516	0	0	3	3	0	0	80	86
Oregon .....	220	221	180	179	19	19	4	5	0	0	17	18
Pennsylvania .....	796	784	500	500	103	102	7	6	0	0	186	176
Rhode Island .....	63	64	32	32	4	4	9	9	0	0	18	19
South Carolina .....	102	102	84	84	11	11	4	3	0	0	3	4
South Dakota .....	170	168	151	150	15	14	4	4	0	0	0	0
Tennessee .....	146	146	146	146	0	0	0	0	0	0	0	0
Texas .....	1,244	1,232	1,026	1,026	20	20	3	3	0	0	195	183
Utah .....	148	152	41	41	4	4	3	3	0	0	100	104
Vermont .....	359	356	294	291	59	62	1	1	0	0	5	2
Virginia .....	222	222	130	130	71	71	20	20	1	1	0	0
Washington .....	322	330	302	301	9	9	0	0	0	0	11	20
West Virginia .....	57	57	55	55	0	0	2	2	0	0	0	0
Wisconsin .....	466	465	422	424	16	16	3	3	0	0	25	22
Wyoming .....	61	60	48	48	0	0	13	12	0	0	0	0
Bureau of Indian Education .....	196	196	174	174	22	22	0	0	0	0	0	0
DoD, domestic and overseas .....	14	14	0	0	0	0	0	0	14	14	0	0
Other jurisdictions												
American Samoa .....	—	1	—	1	—	0	—	0	—	0	—	0
Guam .....	1	1	1	1	0	0	0	0	0	0	0	0
Northern Marianas .....	—	—	—	—	—	—	—	—	—	—	—	—
Puerto Rico .....	1	1	1	1	0	0	0	0	0	0	0	0
U.S. Virgin Islands .....	2	2	2	2	0	0	0	0	0	0	0	0

—Not available.

<sup>1</sup>Regular school districts include both independent districts and those that are a dependent segment of a local government. Also includes components of supervisory unions that operate schools, but share superintendent services with other districts.

<sup>2</sup>New York City counted as one school district.

NOTE: DoD = Department of Defense.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Common Core of Data (CCD), "Local Education Agency Universe Survey," 2014–15 and 2015–16. (This table was prepared September 2017.)

**Table 214.40. Public elementary and secondary school enrollment, number of schools, and other selected characteristics, by locale: Fall 2012 through fall 2015**

Enrollment, number of schools, and other characteristics	Total	City				Suburban				Town				Rural				Locale unknown	
		Total	Large <sup>1</sup>	Mid-size <sup>2</sup>	Small <sup>3</sup>	Total	Large <sup>4</sup>	Mid-size <sup>5</sup>	Small <sup>6</sup>	Total	Fringe <sup>7</sup>	Distant <sup>8</sup>	Remote <sup>9</sup>	Total	Fringe <sup>10</sup>	Distant <sup>11</sup>	Remote <sup>12</sup>		
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	
<b>Fall 2012</b>																			
Enrollment (in thousands) .....	49,520	15,026	7,977	3,371	3,678	19,661	16,868	1,810	983	5,681	1,436	2,504	1,741	9,152	5,193	2,920	1,039	†	
Percentage distribution of enrollment, by race/ethnicity .....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	†
White .....	51.1	30.4	20.9	33.6	48.1	52.4	50.6	62.3	65.7	65.4	69.2	66.4	61.0	73.1	68.7	80.5	73.9	†	
Black .....	15.6	24.1	26.8	24.8	17.9	13.6	14.3	10.3	8.4	10.2	7.2	11.8	10.5	9.4	10.8	7.6	7.1	†	
Hispanic .....	24.3	34.6	41.1	31.8	23.3	24.2	25.0	19.6	19.0	17.8	17.8	16.4	19.9	11.6	14.5	7.4	9.0	†	
Asian .....	4.8	6.7	7.5	5.4	5.9	5.9	6.4	3.0	3.2	1.3	1.5	1.0	1.5	1.4	2.1	0.5	0.5	†	
Pacific Islander .....	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.5	0.2	0.4	0.5	0.1	0.9	0.2	0.2	0.1	0.3	†	
American Indian/Alaska Native .....	1.1	0.7	0.8	0.6	0.9	0.5	0.4	0.7	0.7	2.2	1.2	1.7	3.7	2.2	1.1	2.1	7.4	†	
Two or more races .....	2.8	3.0	2.5	3.5	3.6	3.0	2.9	3.6	2.8	2.6	2.7	2.6	2.5	2.2	2.5	1.9	1.8	†	
Students participating in English language learner (ELL) programs (in thousands) <sup>13</sup> .....	4,494	2,132	1,346	440	345	1,777	1,603	109	64	336	76	148	113	250	155	59	36	†	
ELL program participants as a percent of enrollment <sup>13</sup> .....	9.0	13.6	16.1	12.2	9.3	8.5	8.8	5.8	6.8	5.9	5.9	5.8	6.1	3.4	4.3	2.1	3.6	†	
Schools .....	98,454	26,545	13,873	5,916	6,756	30,922	25,780	3,226	1,916	13,530	2,973	5,916	4,641	27,457	10,368	10,545	6,544	†	
Average school size <sup>14</sup> .....	522	587	589	601	571	655	674	579	534	444	500	447	404	346	522	285	165	†	
Pupil/teacher ratio <sup>15</sup> .....	16.4	16.9	17.2	17.0	16.3	16.8	16.8	16.6	16.9	15.9	16.6	15.7	15.5	14.9	15.9	14.3	12.6	†	
Enrollment (percentage distribution) .....	100.0	30.3	16.1	6.8	7.4	39.7	34.1	3.7	2.0	11.5	2.9	5.1	3.5	18.5	10.5	5.9	2.1	†	
Schools (percentage distribution) .....	100.0	27.0	14.1	6.0	6.9	31.4	26.2	3.3	1.9	13.7	3.0	6.0	4.7	27.9	10.5	10.7	6.6	†	
<b>Fall 2013</b>																			
Enrollment (in thousands) .....	49,777	15,136	8,039	3,397	3,699	19,794	16,986	1,823	985	5,691	1,438	2,509	1,744	9,156	5,225	2,899	1,032	†	
Percentage distribution of enrollment, by race/ethnicity .....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	†
White .....	50.3	30.0	20.7	33.1	47.3	51.5	49.7	61.4	65.1	64.7	68.6	65.6	60.4	72.4	67.8	80.1	73.7	†	
Black .....	15.6	23.9	26.5	24.6	17.7	13.6	14.3	10.3	8.3	10.1	7.0	11.7	10.4	9.3	10.9	7.5	6.9	†	
Hispanic .....	24.9	35.1	41.5	32.3	23.9	24.8	25.6	20.3	19.5	18.4	18.3	17.1	20.4	12.2	15.2	7.7	9.3	†	
Asian .....	4.8	6.7	7.6	5.4	6.0	6.0	6.5	3.0	3.2	1.3	1.5	1.0	1.5	1.4	2.1	0.5	0.5	†	
Pacific Islander .....	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.5	0.2	0.4	0.4	0.1	0.9	0.2	0.2	0.1	0.3	†	
American Indian/Alaska Native .....	1.0	0.7	0.7	0.6	0.8	0.5	0.4	0.7	0.7	2.2	1.2	1.7	3.8	2.1	1.1	2.0	7.4	†	
Two or more races .....	3.0	3.2	2.7	3.7	3.8	3.2	3.1	3.9	3.1	2.8	3.0	2.8	2.7	2.4	2.7	2.1	2.0	†	
Students participating in English language learner (ELL) programs (in thousands) <sup>13</sup> .....	4,568	2,159	1,368	450	342	1,816	1,637	114	65	340	76	151	112	253	156	59	39	†	
ELL program participants as a percent of enrollment <sup>13</sup> .....	9.2	13.7	16.1	12.4	9.5	8.5	8.9	5.9	6.8	6.0	5.9	6.0	6.1	3.5	4.4	2.2	3.9	†	
Schools .....	98,271	26,581	13,910	5,916	6,755	30,941	25,795	3,224	1,922	13,485	2,962	5,893	4,630	27,264	10,333	10,442	6,489	†	
Average school size <sup>14</sup> .....	525	590	592	605	574	657	676	582	536	446	501	450	403	347	527	286	164	†	
Pupil/teacher ratio <sup>15</sup> .....	16.3	17.0	17.3	17.1	16.3	16.7	16.7	16.3	17.0	15.8	16.5	15.7	15.4	14.9	15.9	14.3	12.5	†	
Enrollment (percentage distribution) .....	100.0	30.4	16.2	6.8	7.4	39.8	34.1	3.7	2.0	11.4	2.9	5.0	3.5	18.4	10.5	5.8	2.1	†	
Schools (percentage distribution) .....	100.0	27.0	14.2	6.0	6.9	31.5	26.2	3.3	2.0	13.7	3.0	6.0	4.7	27.7	10.5	10.6	6.6	†	
<b>Fall 2014</b>																			
Enrollment (in thousands) .....	50,010	15,235	8,042	3,319	3,874	19,882	17,072	1,821	989	5,680	1,436	2,694	1,549	9,213	5,310	2,881	1,022	†	
Percentage distribution of enrollment, by race/ethnicity .....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	†
White .....	49.6	29.5	20.4	32.5	45.8	50.6	48.7	60.7	64.4	64.2	67.8	65.4	58.9	71.6	66.9	79.6	73.3	†	
Black .....	15.5	23.7	26.1	25.0	17.5	13.7	14.4	10.1	8.4	10.0	7.0	11.6	10.1	9.4	10.9	7.5	6.8	†	
Hispanic .....	25.4	35.6	42.0	32.1	25.4	25.4	26.2	21.0	19.8	18.9	19.0	17.3	21.6	12.7	15.9	8.1	9.5	†	
Asian .....	4.9	6.8	7.6	5.5	6.2	6.1	6.6	3.0	3.2	1.3	1.5	1.0	1.6	1.4	2.1	0.5	0.5	†	
Pacific Islander .....	0.3	0.4	0.4	0.4	0.4	0.4	0.4	0.5	0.2	0.4	0.4	0.1	0.9	0.2	0.2	0.1	0.3	†	
American Indian/Alaska Native .....	1.0	0.7	0.7	0.6	0.8	0.5	0.4	0.7	0.7	2.2	1.2	1.6	4.1	2.1	1.1	2.0	7.5	†	
Two or more races .....	3.2	3.4	2.9	3.9	4.0	3.4	3.3	4.1	3.4	3.0	3.1	3.0	2.8	2.6	2.9	2.2	2.1	†	

See notes at end of table.

**Table 214.40. Public elementary and secondary school enrollment, number of schools, and other selected characteristics, by locale: Fall 2012 through fall 2015—Continued**

Enrollment, number of schools, and other characteristics	Total	City				Suburban				Town				Rural				Locale unknown	
		Total	Large <sup>1</sup>	Mid-size <sup>2</sup>	Small <sup>3</sup>	Total	Large <sup>4</sup>	Mid-size <sup>5</sup>	Small <sup>6</sup>	Total	Fringe <sup>7</sup>	Distant <sup>8</sup>	Remote <sup>9</sup>	Total	Fringe <sup>10</sup>	Distant <sup>11</sup>	Remote <sup>12</sup>		
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	
Students participating in English language learner (ELL) programs (in thousands) <sup>13</sup> .....	4,670	2,186	1,358	441	387	1,879	1,696	116	67	352	79	160	113	255	159	61	35	†	
ELL program participants as a percent of enrollment <sup>13</sup> .....	9.3	13.8	16.2	12.2	10.2	8.8	9.1	6.2	6.7	6.2	5.9	5.9	6.8	3.5	4.5	2.2	3.6	†	
Schools .....	98,176	26,560	13,870	5,745	6,945	31,099	25,966	3,217	1,916	13,391	2,949	6,299	4,143	27,126	10,422	10,315	6,389	†	
Average school size <sup>14</sup> .....	525	591	593	599	579	655	673	579	537	445	500	448	398	350	528	286	165	†	
Pupil/teacher ratio <sup>15</sup> .....	16.2	16.9	17.1	17.0	16.3	16.5	16.5	16.2	16.9	15.8	16.4	15.6	15.5	14.9	15.9	14.2	12.5	†	
Enrollment (percentage distribution) .....	100.0	30.5	16.1	6.6	7.7	39.8	34.1	3.6	2.0	11.4	2.9	5.4	3.1	18.4	10.6	5.8	2.0	†	
Schools (percentage distribution) .....	100.0	27.1	14.1	5.9	7.1	31.7	26.4	3.3	2.0	13.6	3.0	6.4	4.2	27.6	10.6	10.5	6.5	†	
<b>Fall 2015</b>																			
Enrollment (in thousands) .....	50,112	15,276	8,276	3,368	3,632	19,903	17,095	1,819	989	5,630	1,422	2,670	1,538	9,303	5,434	2,855	1,014	3	
Percentage distribution of enrollment, by race/ethnicity .....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
White .....	48.9	29.1	20.2	32.6	46.0	49.7	47.8	59.9	63.6	63.6	67.1	64.8	58.3	70.8	65.9	79.3	73.1	48.7	
Black .....	15.4	23.4	25.7	24.2	17.4	13.7	14.4	10.2	8.4	10.0	7.0	11.5	10.1	9.4	11.0	7.3	6.6	11.5	
Hispanic .....	25.9	36.0	42.4	32.4	24.8	25.9	26.7	21.5	20.3	19.4	19.5	17.8	22.1	13.2	16.4	8.4	9.7	30.1	
Asian .....	5.0	6.8	7.6	5.6	6.4	6.3	6.8	3.0	3.2	1.3	1.5	1.0	1.6	1.5	2.3	0.5	0.5	5.5	
Pacific Islander .....	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.5	0.2	0.4	0.4	0.1	0.9	0.2	0.2	0.1	0.3	0.2	
American Indian/Alaska Native .....	1.0	0.7	0.7	0.6	0.8	0.4	0.4	0.6	0.7	2.1	1.1	1.5	4.0	2.1	1.1	2.0	7.5	0.3	
Two or more races .....	3.4	3.6	3.0	4.2	4.3	3.6	3.5	4.4	3.6	3.2	3.3	3.2	3.0	2.8	3.1	2.4	2.3	3.6	
Number of English language learner (ELL) students (in thousands) <sup>13</sup> .....	4,795	2,217	1,402	452	363	1,941	1,754	119	68	365	81	164	120	272	173	64	36	#	
ELL students as a percent of enrollment <sup>13</sup> .....	9.5	14.0	16.3	12.4	10.0	9.1	9.5	6.5	6.7	6.5	6.2	6.1	7.4	3.6	4.5	2.4	3.7	0.9	
Schools .....	98,277	26,636	14,214	5,828	6,594	31,081	25,963	3,209	1,909	13,307	2,922	6,279	4,106	27,146	10,546	10,262	6,338	107	
Average school size <sup>14</sup> .....	526	591	595	598	575	657	675	582	538	445	500	447	401	354	535	285	165	26	
Pupil/teacher ratio <sup>15</sup> .....	16.2	16.8	17.1	16.8	16.3	16.5	16.5	16.4	16.8	15.8	16.3	15.7	15.4	14.9	15.9	14.3	12.5	11.8	
Enrollment (percentage distribution) .....	100.0	30.5	16.5	6.7	7.2	39.7	34.1	3.6	2.0	11.2	2.8	5.3	3.1	18.6	10.8	5.7	2.0	#	
Schools (percentage distribution) .....	100.0	27.1	14.5	5.9	6.7	31.6	26.4	3.3	1.9	13.5	3.0	6.4	4.2	27.6	10.7	10.4	6.4	0.1	

—Not available.

†Not applicable.

#Rounds to zero.

<sup>1</sup>Located inside an urbanized area and inside a principal city with a population of 250,000 or more.

<sup>2</sup>Located inside an urbanized area and inside a principal city with a population of at least 100,000, but less than 250,000.

<sup>3</sup>Located inside an urbanized area and inside a principal city with a population less than 100,000.

<sup>4</sup>Located inside an urbanized area and outside a principal city with a population of 250,000 or more.

<sup>5</sup>Located inside an urbanized area and outside a principal city with a population of at least 100,000, but less than 250,000.

<sup>6</sup>Located inside an urbanized area and outside a principal city with a population less than 100,000.

<sup>7</sup>Located inside an urban cluster that is 10 miles or less from an urbanized area.

<sup>8</sup>Located inside an urban cluster that is more than 10 but less than or equal to 35 miles from an urbanized area.

<sup>9</sup>Located inside an urban cluster that is more than 35 miles from an urbanized area.

<sup>10</sup>Located outside any urbanized area or urban cluster, but 5 miles or less from an urbanized area or 2.5 miles or less from an urban cluster.

<sup>11</sup>Located outside any urbanized area or urban cluster and more than 5 miles but less than or equal to 25 miles from an urbanized area, or more than 2.5 miles but less than or equal to 10 miles from an urban cluster.

<sup>12</sup>Located outside any urbanized area or urban cluster, more than 25 miles from an urbanized area, and more than 10 miles from an urban cluster.

<sup>13</sup>Data are based on locales of school districts rather than locales of schools as in the rest of the table. Includes imputed data for Alabama in 2012 and for New York in 2012 and 2013. Data for 2014 and earlier years include only those ELL students who participated in ELL programs. Starting with 2015, data include all ELL students, regardless of program participation.

<sup>14</sup>Average for schools reporting enrollment. Enrollment data were available for 94,859 out of 98,454 schools in 2012–13, 94,876 out of 98,271 schools in 2013–14, 95,230 out of 98,176 schools in 2014–15, and 95,240 out of 98,277 schools in 2015–16.

<sup>15</sup>Ratio for schools reporting both full-time-equivalent teachers and fall enrollment data.

NOTE: Detail may not sum to totals because of rounding. Race categories exclude persons of Hispanic ethnicity. Enrollment and ratios are based on data reported by schools and may differ from data reported in other tables that reflect aggregate totals reported by states. Some data have been revised from previously published figures.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Common Core of Data (CCD), "Public Elementary/Secondary School Universe Survey," 2012–13, 2013–14, 2014–15, and 2015–16; and "Local Education Agency Universe Survey," 2012–13, 2013–14, 2014–15, and 2015–16. (This table was prepared October 2017.)

**Table 215.30. Enrollment, poverty, and federal funds for the 120 largest school districts, by enrollment size in 2015: Selected years, 2014–15 through 2017**

Name of district	State	Rank order	Enrollment, fall 2015	5- to 17-year-old population, 2015	5- to 17-year-olds in poverty, 2015 <sup>1</sup>	Poverty rate of 5- to 17-year-olds, 2015 <sup>1</sup>	Revenues by source of funds, 2014–15				Revenue from selected federal programs (in thousands), 2014–15						Federal Title I allocations (in thousands), federal fiscal year 2017 <sup>2</sup>				
							Total (in thousands)	Federal (in thousands)	Federal as a percent of total	Federal revenue per student <sup>3</sup>	Title I	School lunch	Individuals with Disabilities Education Act (IDEA)	Eisenhower math and science	Vocational education	Drug-free schools	Total	Basic Grants	Concentration Grants	Targeted Grants	Education Finance Incentive Grants
New York City .....	NY	1	981,667	1,233,021	353,949	28.7	\$25,437,384	\$1,307,783	5.1	\$1,314	\$322,299	\$424,172	\$248,209	\$0	\$11,041	\$364	\$778,488	\$267,627	\$63,928	\$238,789	\$208,144
Los Angeles Unified .....	CA	2	639,337	721,634	193,443	26.8	9,254,891	1,149,733	12.4	1,778	379,531	349,156	149,957	43,253	7,426	0	367,111	114,065	27,247	108,450	117,349
City of Chicago (SD 299) ..	IL	3	387,311	411,135	118,152	28.7	5,437,267	775,802	14.3	1,976	274,197	202,521	103,899	32,037	6,781	0	283,503	88,968	21,252	82,255	91,028
Dade .....	FL	4	357,579	394,492	102,636	26.0	3,543,218	432,065	12.2	1,210	121,020	135,243	72,167	17,683	5,211	0	150,180	51,192	12,228	46,812	39,948
Clark County .....	NV	5	325,990	366,489	75,873	20.7	3,118,677	276,714	8.9	854	87,649	93,923	48,676	6,886	3,614	0	107,056	38,112	9,104	33,888	25,952
Broward .....	FL	6	269,098	295,659	54,609	18.5	2,533,814	285,351	11.3	1,072	63,361	80,077	52,488	8,601	2,838	0	77,065	27,378	6,540	23,281	19,867
Houston ISD .....	TX	7	215,627	246,263	78,939	32.1	2,365,285	322,356	13.6	1,498	111,075	108,920	37,912	14,354	3,001	0	118,253	39,467	9,428	35,227	34,130
Hillsborough .....	FL	8	211,923	225,399	43,582	19.3	2,010,077	299,615	14.9	1,444	60,746	78,485	47,769	9,117	3,154	0	60,470	21,973	5,249	17,940	15,309
Orange .....	FL	9	196,951	210,808	44,113	20.9	2,108,138	213,259	10.1	1,113	59,251	71,281	39,932	5,644	2,483	0	60,488	21,979	5,250	17,946	15,314
Palm Beach .....	FL	10	189,322	203,974	39,092	19.2	1,955,698	186,292	9.5	998	47,486	60,356	38,881	0	1,701	0	52,990	19,536	4,667	15,532	13,255
Fairfax County .....	VA	11	185,828	195,069	13,403	6.9	2,642,632	108,465	4.1	585	17,867	33,038	35,034	2,792	1,585	0	22,488	8,217	1,957	5,656	6,658
Hawaii Department of Education .....	HI	12	181,995	218,421	28,666	13.1	2,703,683	259,390	9.6	1,422	41,788	61,209	42,408	632	2,164	0	53,740	20,926	4,828	13,465	14,522
Gwinnett County .....	GA	13	176,052	184,338	30,722	16.7	1,776,957	140,320	7.9	810	36,794	63,329	26,888	3,263	1,103	0	43,050	15,319	3,659	11,734	12,337
Dallas ISD .....	TX	14	158,604	193,745	65,638	33.9	1,847,249	307,868	16.7	1,921	90,527	101,240	29,698	8,640	2,407	0	97,369	32,827	7,841	28,666	28,035
Wake County .....	NC	15	157,839	187,979	24,276	12.9	1,303,574	104,940	8.1	673	25,199	29,895	31,014	3,100	0	0	33,522	12,160	2,905	9,133	9,324
Montgomery County .....	MD	16	156,380	175,751	16,667	9.5	3,159,510	117,891	3.7	763	22,605	33,916	29,530	3,459	1,048	0	33,256	12,538	2,995	9,005	8,719
Charlotte-Mecklenburg .....	NC	17	146,211	180,828	32,994	18.2	1,348,655	153,113	11.4	1,051	48,808	49,908	29,939	3,881	0	0	45,926	16,433	3,925	12,652	12,916
Philadelphia City .....	PA	18	134,044	237,280	89,014	37.5	2,915,242	303,995	10.4	2,265	136,617	80,272	0	15,186	4,714	0	219,593	68,305	16,316	61,836	73,135
San Diego Unified .....	CA	19	129,380	138,350	27,502	19.9	1,728,234	145,722	8.4	1,123	34,894	49,456	24,439	3,449	1,133	92	42,436	15,595	3,725	11,848	11,268
Duval .....	FL	20	192,192	145,790	34,875	23.9	1,192,999	149,353	12.5	1,161	40,520	48,586	33,354	6,329	1,410	0	46,606	17,445	4,167	13,485	11,508
Prince George's County .....	MD	21	128,936	144,474	18,082	12.5	2,113,107	136,341	6.5	1,069	28,832	53,448	25,111	4,110	1,258	0	36,305	13,604	3,250	9,882	9,569
Shelby County .....	TN	22	114,487	133,350	44,686	33.5	1,248,688	222,122	17.8	1,918	61,635	81,006	27,813	0	2,738	1,459	64,457	22,415	5,354	18,377	18,312
Cypress-Fairbanks ISD .....	TX	23	113,936	117,289	16,946	14.4	1,140,929	85,688	7.5	758	15,365	33,675	17,077	1,332	1,029	0	22,500	8,472	2,024	6,097	5,907
Cobb County .....	GA	24	112,708	124,607	18,261	14.7	1,160,319	83,571	7.2	748	20,731	29,524	21,332	2,005	738	643	24,904	9,191	2,195	6,688	6,829
Baltimore County .....	MD	25	111,138	129,349	14,127	10.9	1,696,216	92,639	5.5	843	21,853	29,004	25,470	3,428	1,000	0	28,753	10,963	2,619	7,708	7,463
Northside ISD .....	TX	26	105,110	107,087	16,153	15.1	1,053,426	98,262	9.3	948	18,756	30,698	18,071	1,757	880	0	21,770	8,264	1,969	5,860	5,678
Pinellas .....	FL	27	103,495	116,987	21,093	18.0	1,004,639	124,690	12.4	1,202	33,305	36,104	30,554	5,404	1,366	0	28,099	10,886	2,593	7,888	6,732
Polk .....	FL	28	101,635	110,185	27,002	24.5	941,756	125,314	13.3	1,257	30,303	39,801	20,644	3,376	1,161	0	35,736	13,514	3,228	10,248	8,745
DeKalb County .....	GA	29	101,389	113,700	31,119	27.4	1,160,728	125,893	10.8	1,245	42,694	41,412	21,515	3,585	758	101	44,034	15,651	3,739	12,008	12,636
Jefferson County .....	KY	30	100,777	121,939	25,467	20.9	1,282,005	144,524	11.3	1,437	37,687	46,323	0	0	0	0	41,835	14,269	3,408	10,795	13,363
Fulton County .....	GA	31	95,641	112,765	18,521	16.4	1,163,528	69,812	6.0	731	22,041	25,169	13,990	2,107	639	0	25,084	9,252	2,210	6,739	6,884
Lee .....	FL	32	91,309	96,117	22,455	23.4	883,974	104,326	11.8	1,167	24,481	31,725	18,207	2,464	1,151	0	29,480	11,252	2,688	8,385	7,156
Albuquerque .....	NM	33	90,566	112,348	25,689	22.9	1,051,179	108,975	10.4	1,172	35,865	18	26,608	0	1,652	0	37,772	13,275	3,171	10,045	11,282
Denver .....	CO	34	90,235	95,093	22,091	23.2	1,187,223	135,273	11.4	1,523	32,258	35,614	16,402	4,601	1,133	0	33,704	11,653	2,784	8,684	10,583
Prince William County .....	VA	35	87,793	89,443	7,253	8.1	1,085,884	49,730	4.6	574	4,810	18,396	13,704	1,885	1,093	0	10,821	4,408	1,053	2,610	2,751
Fort Worth ISD .....	TX	36	87,080	93,621	26,697	28.5	887,545	128,770	14.5	1,498	37,729	41,402	15,011	4,052	1,287	0	36,450	13,350	3,189	10,113	9,798
Jefferson County, No. R1 ..	CO	37	86,731	87,143	7,300	8.4	902,479	55,576	6.2	642	11,611	13,684	15,100	1,886	389	0	9,943	4,039	965	2,414	2,526
Davison County .....	SD	38	85,598	97,939	25,367	25.9	951,865	114,885	12.1	1,367	30,237	42,332	20,760	0	2,853	544	34,918	12,722	3,039	9,596	9,562
Baltimore City .....	MD	39	83,666	90,052	29,472	32.7	1,417,082	161,177	11.4	1,897	56,656	40,319	22,185	7,965	1,613	0	61,926	22,564	5,390	17,260	16,712
Austin ISD .....	TX	40	83,648	101,011	20,103	19.9	1,141,321	125,242	11.0	1,481	27,758	27,890	16,369	3,128	1,203	0	28,381	10,768	2,565	7,457	7,592
Anne Arundel County .....	MD	41	80,387	91,351	6,558	7.2	1,188,415	61,031	5.1	768	10,857	15,539	18,144	2,028	583	0	11,784	4,940	1,177	2,879	2,788
Long Beach Unified .....	CA	42	77,812	84,784	19,030	22.4	944,525	110,308	11.7	1,384	30,888	27,690	15,417	4,627	776	0	28,925	10,902	2,604	7,948	7,435
Alpine .....	UT	43	76,938	86,024	7,835	9.1	528,554	32,169	6.1	428	5,291	11,044	8,461	1,008	646	0	9,980	3,962	946	2,382	2,690
Greenville, 01 .....	SC	44	76,315	86,408	15,048	17.4	817,378	71,555	8.8	948	24,055	21,615	18,042	1,719	1,028	0	22,501	8,130	1,942	5,753	6,677
Loudoun County .....	VA	45	76,202	81,138	2,747	3.4	1,090,596	21,628	2.0	295	1,826	7,143	8,428	586	432	0	1,722	1,722	0	0	0

See notes at end of table.

**Table 215.30. Enrollment, poverty, and federal funds for the 120 largest school districts, by enrollment size in 2015: Selected years, 2014–15 through 2017—Continued**

Name of district	State	Rank order	Enrollment, fall 2015	5- to 17-year-old population, 2015	5- to 17-year-olds in poverty, 2015 <sup>1</sup>	Poverty rate of 5- to 17-year-olds, 2015 <sup>1</sup>	Revenues by source of funds, 2014–15				Revenue from selected federal programs (in thousands), 2014–15						Federal Title I allocations (in thousands), federal fiscal year 2017 <sup>2</sup>				
							Total (in thousands)	Federal (in thousands)	Federal as a percent of total	Federal revenue per student <sup>3</sup>	Title I	School lunch	Individuals with Disabilities Education Act (IDEA)	Eisenhower math and science	Vocational education	Drug-free schools	Total	Basic Grants	Concentration Grants	Targeted Grants	Education Finance Incentive Grants
Milwaukee	WI	46	75,749	110,787	37,941	34.2	1,223,326	192,163	15.7	2,485	78,507	44,126	19,956	0	1,545	0	73,841	24,979	5,950	18,920	23,992
Fresno Unified	CA	47	73,460	79,977	33,599	42.0	845,109	113,848	13.5	1,548	38,449	45,012	15,184	4,796	1,202	0	52,599	19,125	4,568	14,755	14,151
Guilford County	NC	48	73,151	86,222	18,753	21.7	702,280	104,470	14.9	1,423	27,319	31,194	15,058	2,053	0	0	25,422	9,370	2,238	6,836	6,978
Fort Bend ISD	TX	49	73,115	88,667	7,975	9.0	690,936	42,302	6.1	586	7,452	11,517	12,404	951	491	0	10,050	4,164	992	2,487	2,407
Katy ISD	TX	50	72,952	67,055	6,195	9.2	778,210	41,669	5.4	592	5,468	10,948	11,650	546	444	0	7,113	3,111	441	1,809	1,753
Brevard	FL	51	72,704	79,185	15,495	19.6	673,236	76,493	11.4	1,058	18,717	19,351	17,537	2,242	724	0	19,913	7,792	1,861	5,536	4,724
Davis	UT	52	71,721	81,750	6,072	7.4	543,237	39,468	7.3	557	3,751	11,127	10,485	1,103	571	0	7,439	3,057	634	1,773	1,974
Pasco	FL	53	70,566	76,814	13,008	16.9	652,925	71,492	10.9	1,032	15,163	23,167	15,729	1,595	558	0	16,449	6,539	1,562	4,505	3,844
Aldine ISD	TX	54	70,417	65,766	22,841	34.7	725,892	95,742	13.2	1,373	25,088	39,508	12,537	1,532	873	0	30,930	11,420	2,728	8,524	8,258
Granite	UT	55	70,100	82,644	11,488	13.9	533,630	63,946	12.0	914	14,932	23,150	12,531	2,070	972	0	16,073	5,981	1,425	3,858	4,809
Virginia Beach City	VA	56	69,777	72,248	8,586	11.9	789,621	63,268	8.0	902	10,702	14,775	17,155	2,280	854	0	13,330	5,265	1,258	3,260	3,547
North East ISD	TX	57	67,779	78,581	11,310	14.4	708,977	53,255	7.5	783	12,118	17,744	10,710	1,241	711	0	14,659	5,731	1,369	3,839	3,720
Seminole	FL	58	66,996	72,492	10,410	14.4	593,387	52,273	8.8	790	11,677	18,278	14,011	2,075	545	0	12,822	5,227	1,249	3,424	2,922
Douglas County, No. RE1	CO	59	66,896	70,641	1,942	2.7	668,411	16,338	2.4	245	1,783	3,789	8,369	342	172	0	1,046	1,046	0	0	0
Washoe County	NV	60	66,504	72,610	11,837	16.3	651,694	70,028	10.7	1,066	18,880	15,881	10,766	2,071	889	87	14,347	6,081	1,453	4,128	2,685
Mesa Unified	AZ	61	64,367	83,357	19,368	23.2	528,016	72,369	13.7	1,150	26,238	23,100	10,529	3,234	1,080	723	27,506	10,068	2,405	7,410	7,623
Arlington ISD	TX	62	63,210	70,091	14,804	21.1	625,280	65,913	10.5	1,032	15,528	24,210	9,530	1,673	787	0	19,403	7,389	1,765	5,205	5,043
Votusia	FL	63	62,928	68,854	15,667	22.8	595,156	69,002	11.6	1,117	24,838	19,370	14,510	2,444	749	0	20,199	7,895	1,886	5,621	4,797
Elk Grove Unified	CA	64	62,767	69,190	12,594	18.2	631,078	53,823	8.5	856	12,887	18,091	10,811	2,240	543	0	18,244	7,193	1,718	4,929	4,405
Osceola	FL	65	61,893	60,184	15,340	25.5	546,926	58,307	10.7	983	13,222	25,041	10,238	1,467	679	0	19,481	7,635	1,824	5,407	4,614
Knox County	TN	66	60,308	70,247	12,762	18.2	545,859	59,444	10.9	995	14,292	20,009	13,997	0	1,500	514	16,986	6,501	1,553	4,474	4,458
El Paso ISD	TX	67	60,047	61,251	16,816	27.5	615,558	106,957	17.4	1,758	32,625	27,264	12,465	3,179	875	0	23,098	8,953	2,282	6,025	5,838
Chesterfield County	VA	68	59,659	61,865	5,277	8.5	619,123	30,461	4.9	510	5,373	8,155	11,378	1,052	541	0	6,945	3,217	0	1,825	1,902
San Francisco Unified	CA	69	58,865	75,930	10,655	14.0	861,928	55,800	6.5	955	14,785	16,288	0	3,194	0	118	15,041	6,080	1,452	4,013	3,496
Conroe ISD	TX	70	58,239	61,071	6,610	10.8	551,670	31,968	5.8	567	6,558	9,936	8,848	1,097	446	0	7,979	3,333	796	1,955	1,894
Mobile County	AL	71	57,581	67,251	16,498	24.5	557,750	77,933	14.0	1,346	24,404	31,187	15,847	3,564	976	434	22,846	8,389	1,998	5,933	6,525
Garland ISD	TX	72	57,517	62,290	13,046	20.9	561,186	54,922	9.8	956	14,874	18,944	11,577	1,556	639	0	16,906	6,517	1,557	4,486	4,347
Pasadena ISD	TX	73	56,019	57,862	14,282	24.7	577,640	66,861	11.6	1,203	15,827	25,040	8,331	1,636	713	0	18,691	7,141	1,706	5,000	4,844
Santa Ana Unified	CA	74	55,909	53,318	14,234	26.7	658,220	73,843	11.2	1,300	16,920	30,478	11,957	2,328	520	0	20,764	8,068	1,927	5,650	5,120
Winston-Salem/Forsyth County	NC	75	54,984	64,076	17,307	27.0	477,102	63,080	13.2	1,152	21,596	18,016	11,114	1,146	0	0	23,192	8,602	2,055	6,203	6,332
Howard County	MD	76	54,870	57,886	3,205	5.5	966,804	24,228	2.5	451	4,338	5,795	9,627	1,255	330	0	4,787	2,394	0	1,216	1,177
Cherry Creek, No. 5	CO	77	54,730	57,400	4,103	7.1	598,926	26,468	4.4	485	4,884	7,976	8,668	633	214	0	4,964	2,382	0	1,253	1,329
Plano ISD	TX	78	54,570	68,704	5,228	7.6	664,322	32,693	4.9	598	4,817	8,627	9,374	773	391	0	5,571	2,631	0	1,493	1,446
Clayton County	GA	79	54,136	56,268	18,662	33.2	515,916	67,759	13.1	1,270	18,209	31,360	10,558	1,832	580	0	25,292	9,322	2,227	6,796	6,947
Boston	MA	80	53,885	73,631	22,449	30.5	1,405,037	85,911	6.1	1,582	29,869	20,596	18,432	0	1,312	0	51,175	17,061	4,075	12,729	17,309
Capistrano Unified	CA	81	53,878	61,949	4,668	7.5	466,052	22,332	4.8	413	4,604	4,808	9,703	883	289	0	5,281	2,646	0	1,471	1,165
Lewisville ISD	TX	82	53,490	63,792	4,655	7.3	596,561	31,203	5.2	585	3,960	10,450	8,606	502	399	0	4,905	2,342	0	1,302	1,261
Corona-Norco Unified	CA	83	53,354	55,767	7,225	13.0	550,619	34,505	6.3	642	7,947	12,441	9,071	794	341	0	9,591	4,152	992	2,463	1,985
Seattle	WA	84	53,317	65,130	6,599	10.1	826,461	46,016	5.6	871	10,986	9,625	8,367	381	366	0	10,415	4,109	979	2,343	2,984
San Bernardino City Unified	CA	85	53,303	55,352	21,779	39.3	627,384	70,636	11.3	1,324	26,571	24,143	10,931	3,265	701	41	33,697	12,560	3,000	9,348	8,788
Frisco ISD	TX	86	53,300	42,591	1,683	4.0	503,571	10,180	2.0	205	870	3,581	3,890	67	213	0	845	845	0	0	0
San Antonio ISD	TX	87	53,069	60,794	20,225	33.3	619,471	132,109	21.3	2,458	31,188	42,709	9,712	3,490	914	0	29,085	11,064	2,636	7,615	7,771
Jordan	UT	88	52,985	61,149	3,800	6.2	394,978	26,451	6.7	506	3,533	8,090	9,288	623	427	0	4,115	1,966	0	1,029	1,120
Omaha	NE	89	51,966	65,085	15,549	23.9	647,561	101,286	15.6	1,951	35,069	23,002	14,216	3,081	890	0	30,493	10,588	2,529	7,585	9,791
Henrico County	VA	90	51,534	55,129	6,658	12.1	532,725	28,498	5.3	559	10,725	11,091	3,670	1,726	939	0	9,986	4,129	984	2,375	2,497

See notes at end of table.

**Table 215.30. Enrollment, poverty, and federal funds for the 120 largest school districts, by enrollment size in 2015: Selected years, 2014–15 through 2017—Continued**

Name of district	State	Rank order	Enrollment, fall 2015	5- to 17-year-old population, 2015	5- to 17-year-olds in poverty, 2015 <sup>1</sup>	Poverty rate of 5- to 17-year-olds, 2015 <sup>1</sup>	Revenues by source of funds, 2014–15				Revenue from selected federal programs (in thousands), 2014–15						Federal Title I allocations (in thousands), federal fiscal year 2017 <sup>2</sup>				
							Total (in thousands)	Federal (in thousands)	Federal as a percent of total	Federal revenue per student <sup>3</sup>	Title I	School lunch	Individuals with Disabilities Education Act (IDEA)	Eisenhower math and science	Vocational education	Drug-free schools	Total	Basic Grants	Concentration Grants	Targeted Grants	Education Finance Incentive Grants
Atlanta .....	GA	91	51,500	58,303	20,047	34.4	852,155	107,200	12.6	2,096	50,927	23,098	9,565	5,730	572	642	28,927	11,036	2,692	7,389	7,810
Cumberland County .....	NC	92	51,187	52,940	13,620	25.7	429,421	61,674	14.4	1,195	15,746	18,527	11,235	2,924	0	0	18,360	6,937	1,657	4,832	4,933
Wichita .....	KS	93	50,943	57,490	14,355	25.0	623,732	77,259	12.4	1,516	24,409	20,904	0	0	0	0	24,586	8,485	2,027	5,993	8,082
Klein ISD .....	TX	94	50,594	50,868	7,263	14.3	507,701	32,650	6.4	661	5,992	10,972	7,220	673	374	0	8,736	3,632	868	2,152	2,085
Columbus City .....	OH	95	50,028	72,414	27,554	38.1	954,814	103,945	10.9	2,062	42,173	29,047	11,956	0	1,693	0	51,691	17,537	4,189	13,356	16,608
San Juan Unified .....	CA	96	49,564	50,097	9,783	19.5	521,892	43,910	8.4	894	10,354	10,191	10,195	1,485	389	436	13,622	5,587	1,335	3,607	3,093
Oakland Unified .....	CA	97	49,098	58,197	13,663	23.5	603,334	64,716	10.7	1,346	18,621	16,119	9,203	3,632	526	70	19,819	7,739	1,849	5,379	4,851
Jefferson Parish .....	LA	98	48,389	67,822	17,508	25.8	569,308	80,199	14.1	1,677	28,386	19,557	10,893	1,965	702	710	28,590	10,406	2,486	7,518	8,182
Manatee .....	FL	99	48,356	51,776	11,448	22.1	474,870	52,359	11.0	1,093	11,640	18,296	13,535	1,075	673	0	14,196	5,724	1,367	3,834	3,271
Portland, SD1J .....	OR	100	48,345	56,309	7,308	13.0	644,677	55,736	8.6	1,167	15,066	12,360	14,492	1,945	438	0	11,113	4,291	1,025	2,550	3,248
District of Columbia .....	DC	101	48,336	74,755	21,541	28.8	1,382,282	146,366	10.6	3,171	27,631	24,534	12,770	5,959	2,128	150	47,398	17,744	4,118	12,877	12,659
Anchorage .....	AK	102	48,324	51,599	5,659	11.0	914,050	83,074	9.1	1,728	15,768	18,343	13,031	3,401	1,227	0	15,837	5,758	1,158	4,436	4,486
Charleston, 01 .....	SC	103	48,084	54,789	12,195	22.3	731,006	73,088	10.0	1,562	20,065	16,773	10,980	1,928	616	0	17,550	6,533	1,561	4,438	5,018
Tucson Unified .....	AZ	104	47,839	72,638	21,145	29.1	461,196	52,565	11.4	1,095	15,524	17,995	8,009	2,237	1,238	2,766	30,219	10,984	2,624	8,165	8,447
Round Rock ISD .....	TX	105	47,827	53,937	4,018	7.4	488,305	30,952	6.3	655	3,396	7,860	7,662	705	328	0	4,250	2,056	0	1,114	1,079
Brownsville ISD .....	TX	106	47,749	46,394	21,701	46.8	522,349	98,221	18.8	2,031	25,822	37,573	9,184	2,801	920	0	29,616	10,815	2,584	8,237	7,980
Alief ISD .....	TX	107	47,265	54,281	18,434	34.0	505,031	66,379	13.1	1,406	19,892	21,650	7,349	1,180	717	0	24,629	9,217	2,202	6,710	6,501
Sacramento City Unified .....	CA	108	46,843	52,789	13,872	26.3	558,687	78,047	14.0	1,665	19,969	20,657	9,946	3,333	1,530	145	20,345	7,922	1,892	5,530	5,001
Detroit City .....	MI	109	46,616	125,574	65,228	51.9	843,394	221,105	26.2	4,677	125,491	41,515	9,799	0	2,716	0	133,162	41,413	10,555	35,186	46,008
Collier .....	FL	110	45,994	47,243	9,599	20.3	535,471	53,875	10.1	1,191	16,842	16,087	10,142	1,167	575	0	11,615	4,790	1,144	3,065	2,615
Socorro ISD .....	TX	111	45,269	42,514	9,620	22.6	419,606	45,236	10.8	1,015	12,167	19,614	6,487	943	533	0	11,926	4,775	1,141	3,052	2,957
Garden Grove Unified .....	CA	112	45,252	49,461	11,716	23.7	654,058	50,309	7.7	1,089	11,979	18,889	9,023	2,217	359	97	16,654	6,640	1,586	4,474	3,953
Hamilton County .....	TN	113	44,413	53,738	11,091	20.6	420,912	52,188	12.4	1,192	17,369	17,987	10,127	0	686	504	14,501	5,639	1,347	3,764	3,751
Forsyth County .....	GA	114	44,286	47,945	2,786	5.8	392,689	15,398	3.9	363	2,419	4,774	6,062	397	187	0	2,698	1,414	0	691	593
United ISD .....	TX	115	43,710	42,044	13,009	30.9	442,115	55,462	12.5	1,277	14,195	22,909	7,707	1,053	611	0	16,797	6,479	1,548	4,455	4,316
Killeen ISD .....	TX	116	43,258	42,127	9,375	22.3	419,288	99,858	23.8	2,342	8,405	13,728	5,717	1,286	420	0	11,838	4,745	1,133	3,027	2,933
Horry, 01 .....	SC	117	43,188	43,174	11,941	27.7	520,694	41,420	8.0	981	14,042	14,948	8,916	1,178	611	0	17,112	6,392	1,527	4,322	4,871
Rutherford County .....	TN	118	43,085	44,086	5,354	12.1	348,673	24,233	7.0	578	4,399	9,791	7,455	0	556	0	5,809	2,716	0	1,549	1,543
Chandler Unified .....	AZ	119	42,843	46,545	5,269	11.3	339,688	19,680	5.8	468	4,884	6,784	4,841	622	420	0	5,603	2,706	0	1,542	1,354
Marion .....	FL	120	42,786	47,277	13,746	29.1	390,338	57,777	14.8	1,359	16,022	21,079	10,686	1,960	577	0	17,419	6,890	1,646	4,793	4,090

<sup>1</sup>Poverty is defined based on the number of persons and related children in the family and their income. For information on poverty thresholds, see <https://www.census.gov/data/tables/time-series/demo/income-poverty/historical-poverty-thresholds.html>.

<sup>2</sup>Fiscal year 2017 Department of Education funds available for spending by school districts in the 2017–18 school year.

<sup>3</sup>Federal revenue per student is based on fall enrollment collected through the “Local Education Agency (School District) Finance Survey (F33).”

NOTE: Detail may not sum to totals because of rounding. ISD = independent school district.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Common Core of Data (CCD), “Local Education Agency Universe Survey,” 2015–16; “Local Education Agency (School District) Finance Survey (F33),” 2014–15; and unpublished Department of Education budget data. U.S. Department of Commerce, Census Bureau, Small Area Income and Poverty Estimates (SAIPE) Program, 2015 Poverty Estimates for School Districts. (This table was prepared July 2018.)

**Table 216.10. Public elementary and secondary schools, by level of school: Selected years, 1967–68 through 2015–16**

Year	Total, all public schools	Schools with reported grade spans										Other schools <sup>1</sup>	
		Total	Elementary schools				Secondary schools						Combined elementary/secondary schools <sup>2</sup>
			Total <sup>3</sup>	Middle schools <sup>4</sup>	One-teacher schools	Other elementary schools	Total <sup>5</sup>	Junior high <sup>6</sup>	3-year or 4-year high schools	5-year or 6-year high schools	Other secondary schools		
1	2	3	4	5	6	7	8	9	10	11	12	13	14
1967–68	—	94,197	67,186	—	4,146	63,040	23,318	7,437	10,751	4,650	480	3,693	—
1970–71	—	89,372	64,020	2,080	1,815	60,125	23,572	7,750	11,265	3,887	670	1,780	—
1972–73	—	88,864	62,942	2,308	1,475	59,159	23,919	7,878	11,550	3,962	529	2,003	—
1974–75	—	87,456	61,759	3,224	1,247	57,288	23,837	7,690	11,480	4,122	545	1,860	—
1975–76	88,597	87,034	61,704	3,916	1,166	56,622	23,792	7,521	11,572	4,113	586	1,538	1,563
1976–77	—	86,501	61,123	4,180	1,111	55,832	23,857	7,434	11,658	4,130	635	1,521	—
1978–79	—	84,816	60,312	5,879	1,056	53,377	22,834	6,282	11,410	4,429	713	1,670	—
1980–81	85,982	83,688	59,326	6,003	921	52,402	22,619	5,890	10,758	4,193	1,778	1,743	2,294
1982–83	84,740	82,039	58,051	6,875	798	50,378	22,383	5,948	11,678	4,067	690	1,605	2,701
1983–84	84,178	81,418	57,471	6,885	838	49,748	22,336	5,936	11,670	4,046	684	1,611	2,760
1984–85	84,007	81,147	57,231	6,893	825	49,513	22,320	5,916	11,671	4,021	712	1,596	2,860
1986–87	83,421	82,316	58,835	7,483	763	50,589	21,505	5,109	11,430	4,196	770	1,976	1,105 <sup>7</sup>
1987–88	83,248	81,416	57,575	7,641	729	49,205	21,662	4,900	11,279	4,048	1,435	2,179	1,832 <sup>7</sup>
1988–89	83,165	81,579	57,941	7,957	583	49,401	21,403	4,687	11,350	3,994	1,372	2,235	1,586 <sup>7</sup>
1989–90	83,425	81,880	58,419	8,272	630	49,517	21,181	4,512	11,492	3,812	1,365	2,280	1,545 <sup>7</sup>
1990–91	84,538	82,475	59,015	8,545	617	49,853	21,135	4,561	11,537	3,723	1,314	2,325	2,063
1991–92	84,578	82,506	59,258	8,829	569	49,860	20,767	4,298	11,528	3,699	1,242	2,481	2,072
1992–93	84,497	82,896	59,676	9,152	430	50,094	20,671	4,115	11,651	3,613	1,292	2,549	1,601
1993–94	85,393	83,431	60,052	9,573	442	50,037	20,705	3,970	11,858	3,595	1,282	2,674	1,962
1994–95	86,221	84,476	60,808	9,954	458	50,396	20,904	3,859	12,058	3,628	1,359	2,764	1,745
1995–96	87,125	84,958	61,165	10,205	474	50,486	20,997	3,743	12,168	3,621	1,465	2,796	2,167
1996–97	88,223	86,092	61,805	10,499	487	50,819	21,307	3,707	12,424	3,614	1,562	2,980	2,131
1997–98	89,508	87,541	62,739	10,944	476	51,319	21,682	3,599	12,734	3,611	1,738	3,120	1,967
1998–99	90,874	89,259	63,462	11,202	463	51,797	22,076	3,607	13,457	3,707	1,305	3,721	1,615
1999–2000	92,012	90,538	64,131	11,521	423	52,187	22,365	3,566	13,914	3,686	1,199	4,042	1,474
2000–01	93,273	91,691	64,601	11,696	411	52,494	21,994	3,318	13,793	3,974	909	5,096	1,582
2001–02	94,112	92,696	65,228	11,983	408	52,837	22,180	3,285	14,070	3,917	908	5,288	1,416
2002–03	95,615	93,869	65,718	12,174	366	53,178	22,599	3,263	14,330	4,017	989	5,552	1,746
2003–04	95,726	93,977	65,758	12,341	376	53,041	22,782	3,251	14,595	3,840	1,096	5,437	1,749
2004–05	96,513	95,001	65,984	12,530	338	53,116	23,445	3,250	14,854	3,945	1,396	5,572	1,512
2005–06	97,382	95,731	66,026	12,545	326	53,155	23,998	3,249	15,103	3,910	1,736	5,707	1,651
2006–07	98,793	96,362	66,458	12,773	313	53,372	23,920	3,112	15,043	4,048	1,717	5,984	2,431
2007–08	98,916	97,654	67,112	13,014	288	53,810	24,643	3,117	16,146	3,981	1,399	5,899	1,262
2008–09	98,706	97,119	67,148	13,060	237	53,851	24,348	3,037	16,246	3,761	1,304	5,623	1,587
2009–10	98,817	97,521	67,140	13,163	217	53,760	24,651	2,953	16,706	3,778	1,214	5,730	1,296
2010–11	98,817	97,767	67,086	13,045	224	53,817	24,544	2,855	16,321	4,047	1,321	6,137	1,050
2011–12	98,328	97,357	66,689	12,963	205	53,521	24,357	2,865	16,586	3,899	1,007	6,311	971
2012–13	98,454	97,331	66,708	13,064	196	53,448	24,294	2,816	16,393	3,875	1,210	6,329	1,123
2013–14	98,271	97,290	67,034	13,324	193	53,517	24,067	2,721	16,704	3,467	1,175	6,189	981
2014–15	98,176	97,601	67,073	13,250	165	53,658	24,181	2,706	16,603	3,585	1,287	6,347	575
2015–16	98,277	97,586	66,758	13,022	197	53,539	24,040	2,594	16,243	3,995	1,208	6,788	691

—Not available.

<sup>1</sup>Includes special education, alternative, and other schools not reported by grade span.

<sup>2</sup>Includes schools beginning with grade 6 or below and ending with grade 9 or above.

<sup>3</sup>Includes schools beginning with grade 6 or below and with no grade higher than 8.

<sup>4</sup>Includes schools with grade spans beginning with 4, 5, or 6 and ending with 6, 7, or 8.

<sup>5</sup>Includes schools with no grade lower than 7.

<sup>6</sup>Includes schools with grades 7 and 8 or grades 7 through 9.

<sup>7</sup>Because of revision in data collection procedures, figures not comparable to data for other years.

SOURCE: U.S. Department of Education, National Center for Education Statistics, *Statistics of State School Systems, 1967–68 and 1975–76; Statistics of Public Elementary and Secondary Day Schools, 1970–71, 1972–73, 1974–75, and 1976–77 through 1980–81; and Common Core of Data (CCD), “Public Elementary/Secondary School Universe Survey,” 1982–83 through 2015–16.* (This table was prepared August 2017.)

**Table 216.20. Number and enrollment of public elementary and secondary schools, by school level, type, and charter and magnet status: Selected years, 1990–91 through 2015–16**

School level, type, and charter and magnet status	Number of schools										Fall enrollment									
	1990–91	2000–01	2005–06	2009–10	2010–11	2011–12	2012–13	2013–14	2014–15	2015–16	1990–91	2000–01	2005–06	2009–10	2010–11	2011–12	2012–13	2013–14	2014–15	2015–16
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
<b>Total, all schools</b> .....	<b>84,538</b>	<b>93,273</b>	<b>97,382</b>	<b>98,817</b>	<b>98,817</b>	<b>98,328</b>	<b>98,454</b>	<b>98,271</b>	<b>98,176</b>	<b>98,277</b>	<b>41,141,366</b>	<b>47,060,714</b>	<b>48,912,085</b>	<b>49,081,519</b>	<b>49,177,617</b>	<b>49,256,120</b>	<b>49,519,559</b>	<b>49,777,410</b>	<b>50,009,771</b>	<b>50,115,178</b>
<b>School type</b>																				
Regular .....	80,395	85,422	87,585	89,018	88,929	88,663	89,031	89,183	89,386	89,501	40,599,943	46,194,730	47,957,375	48,186,142	48,259,245	48,273,539	48,583,049	48,863,752	49,178,890	49,313,134
Special education .....	1,932	2,008	2,128	2,089	2,206	2,087	2,034	2,010	1,954	2,005	209,145	174,577	222,497	192,989	190,910	195,161	198,626	214,611	186,269	180,155
Vocational .....	1,060	1,025	1,221	1,417	1,485	1,434	1,403	1,380	1,387	1,396	198,117	199,669	217,621	129,840	164,013	159,905	160,207	148,447	147,550	146,321
Alternative <sup>1</sup> .....	1,151	4,818	6,448	6,293	6,197	6,144	5,986	5,698	5,449	5,375	134,161	491,738	514,592	572,548	563,449	577,677	550,600	497,062	475,568	
<b>School level and type</b>																				
Elementary <sup>2</sup> .....	59,015	64,601	66,026	67,140	67,086	66,689	66,708	67,034	67,073	66,758	26,503,677	30,673,453	31,104,018	31,547,988	31,581,751	31,724,573	31,918,613	32,226,881	32,225,908	32,035,708
Regular .....	58,440	63,674	64,996	65,947	65,874	65,461	65,572	65,948	66,036	65,734	26,400,740	30,582,610	31,003,942	31,413,221	31,441,027	31,545,886	31,772,432	32,083,759	32,116,995	31,930,363
Special education .....	419	496	508	520	587	544	541	543	578	568	58,204	42,127	49,652	56,959	58,987	58,844	59,826	62,596	54,161	50,508
Vocational .....	31	8	8	24	16	17	15	7	6	5	17,686	2,409	1,713	1,892	3,495	4,558	3,734	1,791	1,749	1,729
Alternative <sup>1</sup> .....	125	423	514	649	609	667	580	536	453	451	27,047	46,307	48,711	75,916	78,242	115,285	82,621	78,735	53,003	53,108
Secondary <sup>3</sup> .....	21,135	21,994	23,998	24,651	24,544	24,357	24,294	24,067	24,181	24,040	13,569,787	15,038,171	16,219,309	15,930,401	15,692,610	15,708,815	15,670,275	15,640,128	15,731,561	15,748,184
Regular .....	19,459	18,456	19,252	19,604	19,449	19,441	19,479	19,411	19,441	19,325	13,313,097	14,567,969	15,685,032	15,454,043	15,197,786	15,194,153	15,161,226	15,167,671	15,270,834	15,296,173
Special education .....	165	219	368	354	359	339	333	331	339	313	11,913	12,607	42,696	30,443	27,990	27,905	28,235	28,312	24,729	21,929
Vocational .....	1,010	997	1,185	1,343	1,387	1,349	1,324	1,311	1,318	1,329	174,105	193,981	209,762	126,827	154,088	154,187	154,610	144,066	144,042	142,611
Alternative <sup>1</sup> .....	501	2,322	3,193	3,350	3,349	3,228	3,158	3,014	3,083	3,073	70,672	263,614	281,819	319,088	312,746	332,570	326,204	300,079	291,956	287,471
Combined elementary/ secondary <sup>4</sup> .....	2,325	5,096	5,707	5,730	6,137	6,311	6,329	6,189	6,347	6,788	925,887	1,266,778	1,526,186	1,542,734	1,897,712	1,818,020	1,926,786	1,898,252	2,049,039	2,329,346
Regular .....	1,784	2,780	3,121	3,028	3,363	3,435	3,558	3,446	3,713	4,236	855,814	1,007,368	1,263,952	1,288,109	1,620,031	1,533,002	1,649,010	1,611,918	1,790,208	2,085,918
Special education .....	376	715	735	847	964	970	935	940	935	923	43,992	86,253	91,966	76,691	99,120	104,344	107,295	111,958	106,500	107,658
Vocational .....	19	20	28	50	82	68	64	62	63	62	6,326	3,279	6,146	1,121	6,430	1,160	1,863	2,590	1,759	1,981
Alternative <sup>1</sup> .....	146	1,581	1,823	1,805	1,728	1,838	1,772	1,741	1,636	1,567	19,755	169,878	164,122	176,813	172,131	179,514	168,618	171,786	150,572	133,789
Other (not classified by grade span) .....	2,063	1,582	1,651	1,296	1,050	971	1,123	981	575	691	142,015	82,312	62,572	60,396	5,544	4,712	3,885	12,149	3,263	1,940
Regular .....	712	512	216	439	243	326	422	378	196	206	30,292	36,783	4,449	30,769	401	498	381	404	853	680
Special education .....	972	578	517	368	296	234	225	196	102	201	95,036	33,590	38,183	28,896	4,813	4,068	3,270	11,745	879	60
Vocational .....	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Alternative <sup>1</sup> .....	379	492	918	489	511	411	476	407	277	284	16,687	11,939	19,940	731	330	146	234	0	1,531	1,200
<b>Charter status and level</b>																				
All charter schools <sup>5</sup> .....	—	1,993	3,780	4,952	5,274	5,696	6,079	6,465	6,747	6,855	—	448,343	1,012,906	1,610,285	1,787,091	2,057,599	2,269,435	2,522,022	2,721,786	2,845,322
Elementary <sup>2</sup> .....	—	1,011	1,969	2,679	2,866	3,127	3,388	3,634	3,851	3,854	—	249,101	532,217	824,297	905,575	1,045,492	1,156,075	1,288,568	1,405,015	1,448,523
Secondary <sup>3</sup> .....	—	467	1,057	1,329	1,368	1,418	1,465	1,522	1,563	1,576	—	79,588	219,627	327,289	341,534	386,482	399,921	443,423	467,231	482,296
Combined elementary/ secondary <sup>4</sup> .....	—	448	704	929	1,027	1,112	1,204	1,268	1,330	1,406	—	117,377	259,837	458,075	539,653	625,429	713,073	789,883	848,875	914,110
Other (not classified by grade span) .....	—	67	50	15	13	39	22	41	3	19	—	2,277	1,225	624	329	196	366	148	665	393
<b>Magnet status and level</b>																				
All magnet schools <sup>5</sup> .....	—	1,469	2,736	2,213	2,722	2,949	3,151	3,254	3,285	3,237	—	1,213,976	2,103,013	1,515,562	2,055,133	2,248,177	2,478,531	2,556,644	2,609,104	2,604,145
Elementary <sup>2</sup> .....	—	1,111	1,994	1,530	1,849	2,012	2,150	2,164	2,216	2,135	—	704,763	1,186,160	799,546	1,035,288	1,158,405	1,287,771	1,300,317	1,312,571	1,281,873
Secondary <sup>3</sup> .....	—	328	643	582	746	802	862	939	911	884	—	484,684	869,010	668,832	944,434	1,015,267	1,118,574	1,178,272	1,207,248	1,188,316
Combined elementary/ secondary <sup>4</sup> .....	—	29	80	79	103	116	121	133	142	203	—	24,529	47,509	46,467	75,411	74,505	72,148	78,055	89,277	133,956
Other (not classified by grade span) .....	—	1	19	22	24	19	18	18	16	15	—	0	334	717	0	0	38	0	8	0

—Not available.

<sup>1</sup>Includes schools that provide nontraditional education, address needs of students that typically cannot be met in regular schools, serve as adjuncts to regular schools, or fall outside the categories of regular, special education, or vocational education.

<sup>2</sup>Includes schools beginning with grade 6 or below and with no grade higher than 8.

<sup>3</sup>Includes schools with no grade lower than 7.

<sup>4</sup>Includes schools beginning with grade 6 or below and ending with grade 9 or above.

<sup>5</sup>Magnet and charter schools are also included under regular, special education, vocational, or alternative schools as appropriate.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Common Core of Data (CCD), "Public Elementary/Secondary School Universe Survey," 1990–91 through 2015–16. (This table was prepared August 2017.)

**Table 216.30. Number and percentage distribution of public elementary and secondary students and schools, by traditional or charter school status and selected characteristics: Selected years, 2000–01 through 2015–16**

Selected characteristic	2000–01			2005–06			2010–11			2015–16		
	Total, all public schools	Traditional (noncharter) schools	Charter schools	Total, all public schools	Traditional (noncharter) schools	Charter schools	Total, all public schools	Traditional (noncharter) schools	Charter schools	Total, all public schools	Traditional (noncharter) schools	Charter schools
1	2	3	4	5	6	7	8	9	10	11	12	13
Fall enrollment (in thousands) .....	47,061	46,612	448	48,912	47,899	1,013	49,178	47,391	1,787	50,115	47,270	2,845
<b>Percentage distribution of students</b>												
Sex .....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Male .....	51.4	51.4	51.2	51.4	51.4	49.9	51.4	51.4	49.5	51.4	51.5	49.6
Female .....	48.6	48.6	48.8	48.6	48.6	50.1	48.6	48.6	50.5	48.6	48.5	50.4
Race/ethnicity .....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
White .....	61.0	61.2	42.7	57.1	57.4	40.5	52.5	53.1	36.2	48.9	49.9	33.1
Black .....	17.0	16.9	33.2	17.2	16.9	32.1	16.0	15.5	28.9	15.4	14.7	26.8
Hispanic .....	16.6	16.6	19.4	19.8	19.8	22.4	23.1	22.9	27.3	25.9	25.6	31.7
Asian/Pacific Islander .....	4.2	4.2	2.9	4.6	4.6	3.6	5.0	5.0	3.7	5.3	5.4	4.3
American Indian/Alaska Native .....	1.2	1.2	1.8	1.2	1.2	1.4	1.1	1.1	0.9	1.0	1.0	0.7
Two or more races .....	—	—	—	—	—	—	2.4	2.3	2.9	3.4	3.4	3.4
Percent of students eligible for free or reduced-price lunch program <sup>1</sup> .....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0 to 25.0 .....	34.3	34.3	39.3	32.9	32.9	36.1	23.9	23.8	26.7	19.7	19.6	22.2
25.1 to 50.0 .....	24.7	24.8	12.7	29.1	29.4	15.9	28.9	29.2	18.9	26.8	27.4	18.0
50.1 to 75.0 .....	16.0	16.1	14.9	21.0	21.0	17.4	26.6	26.8	20.4	26.4	26.9	18.6
More than 75.0 .....	12.4	12.4	14.7	15.9	15.8	22.0	20.1	19.7	30.7	24.4	23.9	32.6
Missing/school does not participate .....	12.5	12.4	18.4	1.0	0.9	8.6	0.5	0.4	3.2	2.6	2.3	8.7
Number of teachers <sup>2</sup> .....	2,747,649	2,729,033	18,616	3,057,723	3,008,581	49,142	3,001,994	2,910,869	91,126	3,037,591	2,896,006	141,585
Pupil/teacher ratio <sup>2</sup> .....	16.4	16.4	18.2	16.0	16.0	17.3	16.4	16.4	18.0	16.2	16.1	17.9
Total number of schools .....	93,273	91,280	1,993	97,382	93,602	3,780	98,817	93,543	5,274	98,277	91,422	6,855
<b>Percentage distribution of schools</b>												
School level .....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Elementary <sup>3</sup> .....	69.3	69.7	50.7	67.8	68.4	52.1	67.9	68.7	54.3	67.9	68.8	56.2
Secondary <sup>4</sup> .....	23.6	23.6	23.4	24.6	24.5	28.0	24.8	24.8	25.9	24.5	24.6	23.0
Combined <sup>5</sup> .....	5.5	5.1	22.5	5.9	5.3	18.6	6.2	5.5	19.5	6.9	5.9	20.5
Other .....	1.7	1.7	3.4	1.7	1.7	1.3	1.1	1.1	0.2	0.7	0.7	0.3
Size of enrollment .....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Less than 300 .....	31.9	31.0	75.2	32.3	30.7	69.6	30.9	29.3	59.0	30.1	28.7	48.7
300 to 499 .....	26.5	26.8	12.7	26.7	27.1	16.5	27.8	28.1	22.3	27.6	27.8	24.7
500 to 999 .....	32.0	32.5	9.7	31.2	32.1	10.9	32.3	33.4	14.8	33.0	33.9	20.9
1,000 or more .....	9.6	9.8	2.4	9.8	10.1	3.0	9.0	9.3	3.9	9.3	9.6	5.8
Racial/ethnic concentration												
More than 50 percent White .....	70.2	70.6	51.6	65.4	66.2	46.5	60.4	61.7	38.4	56.5	58.2	34.4
More than 50 percent Black .....	11.1	10.8	25.1	11.6	10.9	26.4	10.7	9.8	25.4	9.9	8.9	23.4
More than 50 percent Hispanic .....	9.2	9.1	11.5	11.9	11.7	15.1	14.5	14.1	20.8	16.7	16.0	25.2
Percent of students eligible for free or reduced-price lunch program <sup>1</sup> .....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0 to 25.0 .....	29.9	29.8	33.1	28.3	28.1	32.7	23.2	22.9	27.7	16.8	16.5	20.6
25.1 to 50.0 .....	25.0	25.3	11.5	27.9	28.4	15.2	26.9	27.4	17.4	25.2	25.8	17.3
50.1 to 75.0 .....	16.8	16.9	11.1	21.6	21.8	16.9	26.4	26.8	20.1	26.4	27.0	19.3
More than 75.0 .....	12.2	12.2	13.1	16.6	16.4	22.7	21.3	20.7	33.1	25.1	24.4	34.7
Missing/school does not participate .....	16.2	15.8	31.1	5.6	5.3	12.5	2.2	2.3	1.7	6.5	6.4	8.2
Locale .....	—	—	—	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
City .....	—	—	—	25.0	24.0	52.5	26.2	24.5	55.5	27.1	24.9	56.5
Suburban .....	—	—	—	28.2	28.4	22.2	27.4	27.8	21.3	31.7	32.1	25.9
Town .....	—	—	—	15.3	15.5	9.4	14.0	14.4	7.6	13.6	14.1	6.7
Rural .....	—	—	—	31.5	32.1	16.0	32.3	33.3	15.6	27.7	28.9	10.9
Region .....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Northeast .....	16.2	16.3	10.9	15.7	16.0	9.0	15.5	15.9	9.5	15.7	16.1	10.1
Midwest .....	28.7	28.8	23.3	27.9	27.9	27.4	26.4	26.6	23.1	25.8	26.1	20.9
South .....	33.1	33.2	27.5	33.8	34.1	26.5	34.7	35.0	29.5	34.8	34.9	32.2
West .....	22.0	21.6	38.3	22.6	22.0	37.2	23.4	22.5	37.9	23.8	22.9	36.8

—Not available.

<sup>1</sup>The National School Lunch Program is a federally assisted meal program. To be eligible for free lunch under the program, a student must be from a household with an income at or below 130 percent of the poverty threshold; to be eligible for reduced-price lunch, a student must be from a household with an income between 130 percent and 185 percent of the poverty threshold.

<sup>2</sup>Pupil/teacher ratio based on schools that reported both enrollment and teacher data.

<sup>3</sup>Includes schools beginning with grade 6 or below and with no grade higher than 8.

<sup>4</sup>Includes schools with no grade lower than 7.

<sup>5</sup>Includes schools beginning with grade 6 or below and ending with grade 9 or above.

NOTE: Detail may not sum to totals because of rounding. Race categories exclude persons of Hispanic ethnicity.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Common Core of Data (CCD), "Public Elementary/Secondary School Universe Survey," 2000–01 through 2015–16. (This table was prepared August 2017.)

**Table 216.40. Number and percentage distribution of public elementary and secondary schools and enrollment, by level, type, and enrollment size of school: 2013–14, 2014–15, and 2015–16**

Enrollment size of school	Number and percentage distribution of schools, by level and type						Enrollment totals and percentage distribution, by level and type of school <sup>1</sup>					
	Total <sup>2</sup>	Elementary <sup>3</sup>	Secondary <sup>4</sup>		Combined elementary/secondary <sup>5</sup>	Other <sup>6</sup>	Total <sup>2</sup>	Elementary <sup>3</sup>	Secondary <sup>4</sup>		Combined elementary/secondary <sup>5</sup>	Other <sup>6</sup>
			All schools	Regular schools <sup>7</sup>					All schools	Regular schools <sup>7</sup>		
1	2	3	4	5	6	7	8	9	10	11	12	13
<b>2013–14</b>												
Total .....	98,271	67,034	24,067	19,411	6,189	981	49,777,410	32,226,881	15,640,128	15,167,671	1,898,252	12,149
Percent <sup>8</sup> .....	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
Under 100 .....	10.11	5.35	17.33	9.42	37.43	50.98	0.88	0.56	1.10	0.66	4.45	8.61
100 to 199 .....	9.04	7.68	11.27	10.24	16.31	11.76	2.58	2.41	2.39	1.92	6.88	6.21
200 to 299 .....	10.90	11.45	9.40	9.67	10.29	15.69	5.24	6.02	3.36	3.05	7.42	15.77
300 to 399 .....	13.40	15.69	8.02	8.79	7.86	7.84	8.96	11.40	4.04	3.89	8.07	11.49
400 to 499 .....	13.89	16.94	6.88	7.72	5.92	1.96	11.89	15.74	4.45	4.40	7.82	3.97
500 to 599 .....	11.82	14.43	5.81	6.52	5.03	3.92	12.32	16.34	4.58	4.53	8.07	8.41
600 to 699 .....	8.73	10.36	4.99	5.63	4.37	1.96	10.76	13.87	4.66	4.63	8.30	5.41
700 to 799 .....	6.13	7.07	4.09	4.71	3.19	0.00	8.72	10.92	4.42	4.48	6.99	0.00
800 to 999 .....	6.85	7.14	6.87	7.94	3.44	1.96	11.57	13.05	8.84	8.99	9.06	7.68
1,000 to 1,499 .....	5.48	3.57	11.55	13.32	3.85	1.96	12.50	8.55	20.51	20.80	13.65	10.36
1,500 to 1,999 .....	2.04	0.29	7.44	8.64	1.25	0.00	6.73	0.99	18.61	19.03	6.34	0.00
2,000 to 2,999 .....	1.33	0.03	5.37	6.27	0.55	1.96	5.95	0.13	18.20	18.71	3.92	22.99
3,000 or more .....	0.27	#	0.98	1.13	0.52	0.00	1.88	0.02	4.85	4.90	9.04	0.00
Average enrollment <sup>8</sup> .....	525	483	693	788	340	238	525	483	693	788	340	238
<b>2014–15</b>												
Total .....	98,176	67,073	24,181	19,441	6,347	575	50,009,771	32,225,908	15,731,561	15,270,834	2,049,039	3,263
Percent <sup>8</sup> .....	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
Under 100 .....	10.16	5.29	17.68	9.37	36.65	68.00	0.87	0.55	1.08	0.65	4.22	13.39
100 to 199 .....	9.01	7.71	11.17	10.22	15.58	16.00	2.56	2.42	2.35	1.90	6.31	17.16
200 to 299 .....	10.89	11.54	9.14	9.60	10.17	4.00	5.23	6.08	3.26	3.01	7.09	7.08
300 to 399 .....	13.43	15.74	8.09	8.88	7.83	8.00	8.96	11.44	4.06	3.91	7.73	20.59
400 to 499 .....	13.93	16.98	6.99	7.89	5.93	0.00	11.90	15.80	4.51	4.47	7.51	0.00
500 to 599 .....	11.83	14.41	5.87	6.61	5.45	0.00	12.32	16.33	4.62	4.58	8.40	0.00
600 to 699 .....	8.61	10.29	4.82	5.43	4.15	0.00	10.61	13.79	4.50	4.46	7.61	0.00
700 to 799 .....	6.10	7.02	4.04	4.65	3.54	0.00	8.66	10.85	4.35	4.39	7.48	0.00
800 to 999 .....	6.82	7.09	6.78	7.85	3.94	0.00	11.50	12.96	8.71	8.85	9.98	0.00
1,000 to 1,499 .....	5.52	3.63	11.45	13.23	4.22	4.00	12.55	8.68	20.26	20.55	14.21	41.77
1,500 to 1,999 .....	2.04	0.28	7.41	8.61	1.40	0.00	6.73	0.97	18.51	18.87	6.78	0.00
2,000 to 2,999 .....	1.39	0.03	5.59	6.53	0.62	0.00	6.20	0.12	18.91	19.41	4.16	0.00
3,000 or more .....	0.27	#	0.98	1.13	0.52	0.00	1.90	0.01	4.89	4.96	8.53	0.00
Average enrollment <sup>8</sup> .....	525	483	694	791	354	131	525	483	694	791	354	131
<b>2015–16</b>												
Total .....	98,277	66,758	24,040	19,325	6,788	691	50,115,178	32,035,708	15,748,184	15,296,173	2,329,346	1,940
Percent <sup>8</sup> .....	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
Under 100 .....	10.14	5.32	17.94	9.39	33.11	88.89	0.86	0.55	1.07	0.64	3.57	18.87
100 to 199 .....	8.91	7.62	11.04	10.15	15.03	0.00	2.53	2.40	2.32	1.88	5.76	0.00
200 to 299 .....	10.95	11.59	9.28	9.75	10.06	0.00	5.25	6.10	3.31	3.05	6.64	0.00
300 to 399 .....	13.48	15.88	7.84	8.61	8.24	5.56	8.97	11.56	3.92	3.77	7.64	20.26
400 to 499 .....	14.11	17.13	7.15	8.13	7.03	0.00	12.02	15.95	4.58	4.56	8.40	0.00
500 to 599 .....	11.64	14.21	5.71	6.46	5.65	0.00	12.10	16.12	4.48	4.44	8.23	0.00
600 to 699 .....	8.67	10.32	4.85	5.51	4.98	0.00	10.66	13.84	4.51	4.48	8.62	0.00
700 to 799 .....	6.10	7.02	3.96	4.56	4.02	0.00	8.65	10.87	4.24	4.28	7.99	0.00
800 to 999 .....	6.73	6.91	6.69	7.75	4.97	0.00	11.31	12.63	8.55	8.68	11.77	0.00
1,000 to 1,499 .....	5.53	3.67	11.28	13.03	4.53	5.56	12.54	8.79	19.86	20.09	14.44	60.88
1,500 to 1,999 .....	2.05	0.28	7.46	8.71	1.34	0.00	6.72	0.95	18.52	18.93	6.17	0.00
2,000 to 2,999 .....	1.42	0.04	5.72	6.70	0.58	0.00	6.36	0.19	19.30	19.79	3.62	0.00
3,000 or more .....	0.29	#	1.07	1.25	0.45	0.00	2.03	0.04	5.34	5.41	7.16	0.00
Average enrollment <sup>8</sup> .....	526	482	698	797	376	108	526	482	698	797	376	108

#Rounds to zero.

<sup>1</sup>Because the data reflect reports by schools, totals differ from those in tables based on reports by states or school districts. Percentage distribution and average enrollment calculations exclude data for schools not reporting enrollment.

<sup>2</sup>Includes elementary, secondary, combined elementary/secondary, and other schools.

<sup>3</sup>Includes schools beginning with grade 6 or below and with no grade higher than 8.

<sup>4</sup>Includes schools with no grade lower than 7.

<sup>5</sup>Includes schools beginning with grade 6 or below and ending with grade 9 or above.

<sup>6</sup>Includes special education, alternative, and other schools not reported by grade span.

<sup>7</sup>Excludes special education schools, vocational schools, and alternative schools.

<sup>8</sup>Data are for schools reporting enrollments greater than zero. Enrollments greater than zero were reported for 94,876 out of 98,271 schools in 2013–14, 95,230 out of 98,176 in 2014–15, and 95,240 out of 98,277 in 2015–16.

NOTE: Detail may not sum to totals because of rounding.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Common Core of Data (CCD), "Public Elementary/Secondary School Universe Survey," 2013–14, 2014–15, and 2015–16. (This table was prepared August 2017.)

**Table 216.45. Average enrollment and percentage distribution of public elementary and secondary schools, by level, type, and enrollment size: Selected years, 1982–83 through 2015–16**

Year	Average enrollment in schools, by level and type						Percentage distribution of schools, by enrollment size								
	Total <sup>1</sup>	Elementary <sup>2</sup>	Secondary <sup>3</sup>		Combined elementary/secondary <sup>4</sup>	Other <sup>5</sup>	Under 200	200 to 299	300 to 399	400 to 499	500 to 599	600 to 699	700 to 999	1,000 or more	
			All schools	Regular schools <sup>6</sup>											
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	
1982–83 .....	478	399	719	—	478	142	21.9	13.8	15.5	13.1	10.2	7.1	10.2	8.3	
1983–84 .....	480	401	720	—	475	145	21.7	13.7	15.5	13.2	10.2	7.1	10.3	8.3	
1984–85 .....	482	403	721	—	476	146	21.5	13.6	15.5	13.2	10.3	7.1	10.4	8.4	
1986–87 .....	489	416	707	714	426	118	21.1	13.1	15.0	13.5	10.8	7.5	10.7	8.1	
1987–88 .....	490	424	695	711	420	122	20.3	12.9	14.9	13.8	11.1	7.8	11.2	8.0	
1988–89 .....	494	433	689	697	412	142	20.0	12.5	14.7	13.8	11.4	8.0	11.6	8.0	
1989–90 .....	493	441	669	689	402	142	19.8	12.2	14.5	13.7	11.5	8.3	12.0	7.9	
1990–91 .....	497	449	663	684	398	150	19.7	11.9	14.2	13.6	11.7	8.5	12.3	8.1	
1991–92 .....	507	458	677	717	407	152	19.1	11.7	14.1	13.5	11.8	8.6	12.8	8.5	
1992–93 .....	513	464	688	733	423	135	18.6	11.6	13.9	13.5	11.9	8.7	13.1	8.7	
1993–94 .....	518	468	693	748	418	136	18.6	11.5	13.6	13.5	11.7	8.8	13.3	9.0	
1994–95 .....	520	471	696	759	412	131	18.6	11.4	13.6	13.4	11.8	8.7	13.3	9.2	
1995–96 .....	525	476	703	771	401	136	18.5	11.2	13.5	13.4	11.8	8.8	13.4	9.4	
1996–97 .....	527	478	703	777	387	135	18.7	11.3	13.2	13.2	11.8	8.8	13.6	9.5	
1997–98 .....	525	478	699	779	374	121	19.3	11.2	13.1	13.3	11.6	8.6	13.4	9.6	
1998–99 .....	524	478	707	786	290	135	19.6	11.2	13.1	13.2	11.5	8.5	13.3	9.6	
1999–2000 .....	521	477	706	785	282	123	20.0	11.3	13.3	13.2	11.2	8.4	13.1	9.5	
2000–01 .....	519	477	714	795	274	136	20.4	11.4	13.2	13.3	11.0	8.2	12.9	9.6	
2001–02 .....	520	477	718	807	270	138	20.5	11.5	13.3	13.1	10.9	8.1	12.7	9.7	
2002–03 .....	519	476	720	813	265	136	20.7	11.6	13.4	13.0	10.9	8.1	12.4	9.8	
2003–04 .....	521	476	722	816	269	142	20.7	11.6	13.5	13.2	10.8	8.0	12.3	9.9	
2004–05 .....	521	474	713	815	298	143	20.7	11.6	13.5	13.2	10.8	8.1	12.2	9.9	
2005–06 .....	521	473	709	819	318	128	20.7	11.5	13.6	13.2	11.0	8.1	12.2	9.8	
2006–07 .....	521	473	711	818	325	138	20.3	11.5	13.8	13.4	11.0	8.2	12.2	9.6	
2007–08 .....	516	469	704	816	292	136	20.4	11.5	13.9	13.6	11.1	8.1	12.0	9.3	
2008–09 .....	517	470	704	807	308	177	20.0	11.4	13.8	13.9	11.3	8.3	12.2	9.1	
2009–10 .....	516	473	692	796	300	191	20.0	11.3	13.7	13.9	11.4	8.5	12.3	9.0	
2010–11 .....	517	475	684	790	343	57	19.8	11.0	13.9	13.9	11.5	8.5	12.5	9.0	
2011–12 .....	520	479	690	788	322	84	19.4	11.0	13.8	13.9	11.7	8.6	12.7	9.0	
2012–13 .....	522	481	689	785	337	84	19.3	10.9	13.6	13.9	11.7	8.6	12.8	9.1	
2013–14 .....	525	483	693	788	340	238	19.2	10.9	13.4	13.9	11.8	8.7	13.0	9.1	
2014–15 .....	525	483	694	791	354	131	19.2	10.9	13.4	13.9	11.8	8.6	12.9	9.2	
2015–16 .....	526	482	698	797	376	108	19.0	10.9	13.5	14.1	11.6	8.7	12.8	9.3	

—Not available.

<sup>1</sup>Includes elementary, secondary, combined elementary/secondary, and other schools.

<sup>2</sup>Includes schools beginning with grade 6 or below and with no grade higher than 8.

<sup>3</sup>Includes schools with no grade lower than 7.

<sup>4</sup>Includes schools beginning with grade 6 or below and ending with grade 9 or above.

<sup>5</sup>Includes special education, alternative, and other schools not reported by grade span.

<sup>6</sup>Excludes special education schools, vocational schools, and alternative schools.

NOTE: Data reflect reports by schools rather than by states or school districts. Percentage distribution and average enrollment calculations include data only for schools reporting enrollments greater than zero. Enrollments greater than zero were reported for 95,240 out of 98,277 schools in 2015–16. Detail may not sum to totals because of rounding.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Common Core of Data (CCD), "Public Elementary/Secondary School Universe Survey," 1982–83 through 2015–16. (This table was prepared August 2017.)

**Table 216.50. Number and percentage distribution of public elementary and secondary school students, by percentage of minority enrollment in the school and student's racial/ethnic group: Selected years, fall 1995 through fall 2015**

Year and racial/ ethnic group	Number of students in racial/ethnic group, by percent minority enrollment in the school							Percentage distribution of students in racial/ethnic group, by percent minority enrollment in the school						
	Total	Less than 10 percent	10 to 24 percent	25 to 49 percent	50 to 74 percent	75 to 89 percent	90 percent or more	Total	Less than 10 percent	10 to 24 percent	25 to 49 percent	50 to 74 percent	75 to 89 percent	90 percent or more
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
<b>Total, 1995</b>	<b>44,424,467</b>	<b>14,508,573</b>	<b>8,182,484</b>	<b>8,261,110</b>	<b>5,467,784</b>	<b>2,876,302</b>	<b>5,128,214</b>	<b>100.0</b>	<b>32.7</b>	<b>18.4</b>	<b>18.6</b>	<b>12.3</b>	<b>6.5</b>	<b>11.5</b>
White	28,736,961	13,939,633	6,812,196	5,246,785	2,094,440	499,884	144,023	100.0	48.5	23.7	18.3	7.3	1.7	0.5
Minority	15,687,506	568,940	1,370,288	3,014,325	3,373,344	2,376,418	4,984,191	100.0	3.6	8.7	19.2	21.5	15.1	31.8
Black	7,510,678	198,386	598,716	1,588,850	1,622,448	941,335	2,560,943	100.0	2.6	8.0	21.2	21.6	12.5	34.1
Hispanic	6,016,293	174,140	415,761	932,949	1,289,184	1,099,109	2,105,150	100.0	2.9	6.9	15.5	21.4	18.3	35.0
Asian/Pacific Islander	1,656,787	142,886	259,335	367,888	379,110	297,680	209,888	100.0	8.6	15.7	22.2	22.9	18.0	12.7
American Indian/ Alaska Native	503,748	53,528	96,476	124,638	82,602	38,294	108,210	100.0	10.6	19.2	24.7	16.4	7.6	21.5
<b>Total, 2000</b>	<b>46,120,425</b>	<b>12,761,478</b>	<b>8,736,252</b>	<b>8,760,300</b>	<b>6,013,131</b>	<b>3,472,083</b>	<b>6,377,181</b>	<b>100.0</b>	<b>27.7</b>	<b>18.9</b>	<b>19.0</b>	<b>13.0</b>	<b>7.5</b>	<b>13.8</b>
White	28,146,613	12,218,862	7,271,285	5,566,681	2,303,106	596,478	190,201	100.0	43.4	25.8	19.8	8.2	2.1	0.7
Minority	17,973,812	542,616	1,464,967	3,193,619	3,710,025	2,875,605	6,186,980	100.0	3.0	8.2	17.8	20.6	16.0	34.4
Black	7,854,032	178,185	561,488	1,485,130	1,652,393	1,043,907	2,932,929	100.0	2.3	7.1	18.9	21.0	13.3	37.3
Hispanic	7,649,728	181,685	505,612	1,121,809	1,542,982	1,432,639	2,865,001	100.0	2.4	6.6	14.7	20.2	18.7	37.5
Asian/Pacific Islander	1,924,875	132,813	295,437	441,769	423,175	353,395	278,286	100.0	6.9	15.3	23.0	22.0	18.4	14.5
American Indian/ Alaska Native	545,177	49,933	102,430	144,911	91,475	45,664	110,764	100.0	9.2	18.8	26.6	16.8	8.4	20.3
<b>Total, 2005</b>	<b>48,584,980</b>	<b>10,711,307</b>	<b>9,283,783</b>	<b>9,865,121</b>	<b>6,839,850</b>	<b>4,149,802</b>	<b>7,735,117</b>	<b>100.0</b>	<b>22.0</b>	<b>19.1</b>	<b>20.3</b>	<b>14.1</b>	<b>8.5</b>	<b>15.9</b>
White	27,742,612	10,208,608	7,720,632	6,259,485	2,604,846	707,603	241,438	100.0	36.8	27.8	22.6	9.4	2.6	0.9
Minority	20,842,368	502,699	1,563,151	3,605,636	4,235,004	3,442,199	7,493,679	100.0	2.4	7.5	17.3	20.3	16.5	36.0
Black	8,366,722	162,455	560,928	1,513,020	1,752,207	1,176,649	3,201,463	100.0	1.9	6.7	18.1	20.9	14.1	38.3
Hispanic	9,638,712	182,039	581,533	1,388,496	1,873,877	1,803,567	3,809,200	100.0	1.9	6.0	14.4	19.4	18.7	39.5
Asian/Pacific Islander	2,242,628	115,084	319,524	543,952	496,515	406,788	360,765	100.0	5.1	14.2	24.3	22.1	18.1	16.1
American Indian/ Alaska Native	594,306	43,121	101,166	160,168	112,405	55,195	122,251	100.0	7.3	17.0	27.0	18.9	9.3	20.6
<b>Total, 2010</b>	<b>49,212,031</b>	<b>7,395,549</b>	<b>9,177,649</b>	<b>11,236,328</b>	<b>7,904,340</b>	<b>4,718,126</b>	<b>8,780,039</b>	<b>100.0</b>	<b>15.0</b>	<b>18.6</b>	<b>22.8</b>	<b>16.1</b>	<b>9.6</b>	<b>17.8</b>
White	25,801,021	6,987,898	7,614,557	7,097,284	3,003,599	808,637	289,046	100.0	27.1	29.5	27.5	11.6	3.1	1.1
Minority	23,411,010	407,651	1,563,092	4,139,044	4,900,741	3,909,489	8,490,993	100.0	1.7	6.7	17.7	20.9	16.7	36.3
Black	7,873,809	95,108	415,807	1,335,674	1,697,727	1,236,333	3,093,160	100.0	1.2	5.3	17.0	21.6	15.7	39.3
Hispanic	11,367,157	142,927	583,019	1,654,084	2,238,071	2,063,492	4,685,564	100.0	1.3	5.1	14.6	19.7	18.2	41.2
Asian	2,281,908	63,974	259,910	585,447	552,633	390,731	429,213	100.0	2.8	11.4	25.7	24.2	17.1	18.8
Pacific Islander	169,678	4,958	13,772	27,478	32,241	41,652	49,577	100.0	2.9	8.1	16.2	19.0	24.5	29.2
American Indian/ Alaska Native	561,126	26,066	77,990	157,300	116,787	58,476	124,507	100.0	4.6	13.9	28.0	20.8	10.4	22.2
Two or more races	1,157,332	74,618	212,594	379,061	263,282	118,805	108,972	100.0	6.4	18.4	32.8	22.7	10.3	9.4
<b>Total, 2013</b>	<b>49,649,037</b>	<b>6,127,704</b>	<b>9,017,544</b>	<b>11,591,426</b>	<b>8,487,715</b>	<b>5,173,033</b>	<b>9,251,615</b>	<b>100.0</b>	<b>12.3</b>	<b>18.2</b>	<b>23.3</b>	<b>17.1</b>	<b>10.4</b>	<b>18.6</b>
White	24,983,504	5,767,859	7,473,340	7,311,023	3,234,552	885,393	311,337	100.0	23.1	29.9	29.3	12.9	3.5	1.2
Minority	24,665,533	359,845	1,544,204	4,280,403	5,253,163	4,287,640	8,940,278	100.0	1.5	6.3	17.4	21.3	17.4	36.2
Black	7,725,382	69,410	358,260	1,249,277	1,692,385	1,294,777	3,061,273	100.0	0.9	4.6	16.2	21.9	16.8	39.6
Hispanic	12,350,492	132,815	602,569	1,754,425	2,443,662	2,303,162	5,113,859	100.0	1.1	4.9	14.2	19.8	18.6	41.4
Asian	2,398,105	48,153	237,723	603,165	611,174	430,680	467,210	100.0	2.0	9.9	25.2	25.5	18.0	19.5
Pacific Islander	175,172	4,207	13,238	28,531	35,482	39,931	53,783	100.0	2.4	7.6	16.3	20.3	22.8	30.7
American Indian/ Alaska Native	517,456	18,711	61,585	142,633	110,507	59,103	124,917	100.0	3.6	11.9	27.6	21.4	11.4	24.1
Two or more races	1,498,926	86,549	270,829	502,372	359,953	159,987	119,236	100.0	5.8	18.1	33.5	24.0	10.7	8.0
<b>Total, 2014</b>	<b>50,009,771</b>	<b>5,741,083</b>	<b>9,011,877</b>	<b>11,661,644</b>	<b>8,756,197</b>	<b>5,324,763</b>	<b>9,514,207</b>	<b>100.0</b>	<b>11.5</b>	<b>18.0</b>	<b>23.3</b>	<b>17.5</b>	<b>10.6</b>	<b>19.0</b>
White	24,786,411	5,400,298	7,465,449	7,348,390	3,335,168	909,871	327,235	100.0	21.8	30.1	29.6	13.5	3.7	1.3
Minority	25,223,360	340,785	1,546,428	4,313,254	5,421,029	4,414,892	9,186,972	100.0	1.4	6.1	17.1	21.5	17.5	36.4
Black	7,759,943	62,983	342,668	1,225,416	1,697,167	1,335,814	3,095,895	100.0	0.8	4.4	15.8	21.9	17.2	39.9
Hispanic	12,982,345	121,565	612,478	1,800,949	2,628,585	2,392,367	5,426,401	100.0	0.9	4.7	13.9	20.2	18.4	41.8
Asian	2,504,848	38,098	222,680	606,969	685,774	458,658	492,669	100.0	1.5	8.9	24.2	27.4	18.3	19.7
Pacific Islander	175,646	3,654	13,358	28,769	37,209	36,554	56,102	100.0	2.1	7.6	16.4	21.2	20.8	31.9
American Indian/ Alaska Native	514,123	16,971	58,319	139,443	109,437	62,654	127,299	100.0	3.3	11.3	27.1	21.3	12.2	24.8
Two or more races	1,603,231	87,202	287,811	532,418	391,673	176,803	127,324	100.0	5.4	18.0	33.2	24.4	11.0	7.9
<b>Total, 2015</b>	<b>50,115,178</b>	<b>5,396,946</b>	<b>8,879,198</b>	<b>11,705,331</b>	<b>9,039,153</b>	<b>5,397,826</b>	<b>9,696,724</b>	<b>100.0</b>	<b>10.8</b>	<b>17.7</b>	<b>23.4</b>	<b>18.0</b>	<b>10.8</b>	<b>19.3</b>
White	24,505,632	5,072,523	7,350,271	7,372,017	3,444,117	927,072	339,632	100.0	20.7	30.0	30.1	14.1	3.8	1.4
Minority	25,609,546	324,423	1,528,927	4,333,314	5,595,036	4,470,754	9,357,092	100.0	1.3	6.0	16.9	21.8	17.5	36.5
Black	7,731,426	57,618	326,861	1,195,388	1,705,877	1,334,427	3,111,255	100.0	0.7	4.2	15.5	22.1	17.3	40.2
Hispanic	12,982,345	121,565	612,478	1,800,949	2,628,585	2,392,367	5,426,401	100.0	0.9	4.7	13.9	20.2	18.4	41.8
Asian	2,504,848	38,098	222,680	606,969	685,774	458,658	492,669	100.0	1.5	8.9	24.2	27.4	18.3	19.7
Pacific Islander	175,646	3,654	13,358	28,769	37,209	36,554	56,102	100.0	2.1	7.6	16.4	21.2	20.8	31.9
American Indian/ Alaska Native	504,365	15,229	54,626	136,002	109,499	58,998	130,011	100.0	3.0	10.8	27.0	21.7	11.7	25.8
Two or more races	1,710,916	88,259	298,924	565,237	428,092	189,750	140,654	100.0	5.2	17.5	33.0	25.0	11.1	8.2

NOTE: Data reflect racial/ethnic data reported by schools. Because some schools do not report complete racial/ethnic data, totals may differ from figures in other tables. Excludes 1995 data for Idaho and 2000 data for Tennessee because racial/ethnic data were not reported. Race categories exclude persons of Hispanic ethnicity. Detail may not sum to totals because of rounding.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Common Core of Data (CCD), "Public Elementary/Secondary School Universe Survey," 1995-96 through 2015-16. (This table was prepared January 2018.)

**Table 216.55. Number and percentage distribution of public elementary and secondary school students, by percentage of student's racial/ethnic group enrolled in the school and student's racial/ethnic group: Selected years, fall 1995 through fall 2015**

Year and racial/ ethnic group	Number of students in each racial/ethnic group, by percent of that racial/ethnic group in the school							Percentage distribution of students in each racial/ethnic group, by percent of that racial/ethnic group in the school						
	Total	Less than 10 percent	10 to 24 percent	25 to 49 percent	50 to 74 percent	75 to 89 percent	90 percent or more	Total	Less than 10 percent	10 to 24 percent	25 to 49 percent	50 to 74 percent	75 to 89 percent	90 percent or more
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
<b>1995</b>														
White .....	28,736,961	143,787	498,649	2,084,689	5,244,015	6,813,804	13,952,017	100.0	0.5	1.7	7.3	18.2	23.7	48.6
Black .....	7,510,678	657,403	1,119,556	1,873,303	1,386,802	811,898	1,661,716	100.0	8.8	14.9	24.9	18.5	10.8	22.1
Hispanic .....	6,016,293	646,364	847,792	1,359,649	1,360,020	874,878	927,590	100.0	10.7	14.1	22.6	22.6	14.5	15.4
Asian/Pacific Islander .....	1,656,787	703,101	435,495	301,984	135,001	67,558	13,648	100.0	42.4	26.3	18.2	8.1	4.1	0.8
American Indian/Alaska Native .....	503,748	223,244	75,019	63,070	39,200	15,084	88,131	100.0	44.3	14.9	12.5	7.8	3.0	17.5
<b>2000</b>														
White .....	28,146,613	189,779	595,137	2,294,232	5,556,108	7,279,301	12,232,056	100.0	0.7	2.1	8.2	19.7	25.9	43.5
Black .....	7,854,032	735,459	1,199,865	1,899,982	1,366,363	871,399	1,780,964	100.0	9.4	15.3	24.2	17.4	11.1	22.7
Hispanic .....	7,649,728	738,509	1,054,396	1,696,944	1,739,038	1,134,466	1,286,375	100.0	9.7	13.8	22.2	22.7	14.8	16.8
Asian/Pacific Islander .....	1,924,875	799,220	524,279	331,576	171,739	81,461	16,600	100.0	41.5	27.2	17.2	8.9	4.2	0.9
American Indian/Alaska Native .....	545,177	251,983	81,119	75,831	39,944	15,363	80,937	100.0	46.2	14.9	13.9	7.3	2.8	14.8
<b>2005</b>														
White .....	27,742,612	240,614	705,300	2,596,310	6,256,109	7,718,175	10,226,104	100.0	0.9	2.5	9.4	22.6	27.8	36.9
Black .....	8,366,722	849,399	1,396,670	2,004,856	1,453,759	884,663	1,777,375	100.0	10.2	16.7	24.0	17.4	10.6	21.2
Hispanic .....	9,638,712	848,160	1,316,558	2,071,303	2,218,616	1,545,322	1,638,753	100.0	8.8	13.7	21.5	23.0	16.0	17.0
Asian/Pacific Islander .....	2,242,628	925,411	616,762	363,562	214,304	100,845	21,744	100.0	41.3	27.5	16.2	9.6	4.5	1.0
American Indian/Alaska Native .....	594,306	276,846	86,978	84,665	43,272	21,275	81,270	100.0	46.6	14.6	14.2	7.3	3.6	13.7
<b>2010</b>														
White .....	25,801,021	288,136	807,107	2,991,928	7,090,581	7,620,071	7,003,198	100.0	1.1	3.1	11.6	27.5	29.5	27.1
Black .....	7,873,809	904,777	1,453,068	1,907,158	1,328,164	859,843	1,420,799	100.0	11.5	18.5	24.2	16.9	10.9	18.0
Hispanic .....	11,367,157	896,796	1,603,546	2,473,080	2,657,108	1,791,161	1,945,466	100.0	7.9	14.1	21.8	23.4	15.8	17.1
Asian .....	2,281,908	944,657	633,149	431,446	219,381	43,509	9,766	100.0	41.4	27.7	18.9	9.6	1.9	0.4
Pacific Islander .....	169,678	104,646	15,170	27,558	14,860	5,146	2,298	100.0	61.7	8.9	16.2	8.8	3.0	1.4
American Indian/Alaska Native .....	561,126	276,859	76,874	78,978	38,349	21,156	68,910	100.0	49.3	13.7	14.1	6.8	3.8	12.3
Two or more races .....	1,157,332	996,181	128,813	15,347	6,709	3,286	6,996	100.0	86.1	11.1	1.3	0.6	0.3	0.6
<b>2013</b>														
White .....	24,983,504	310,701	882,009	3,224,896	7,305,136	7,479,817	5,780,945	100.0	1.2	3.5	12.9	29.2	29.9	23.1
Black .....	7,725,382	909,754	1,472,181	1,915,108	1,331,037	858,726	1,238,576	100.0	11.8	19.1	24.8	17.2	11.1	16.0
Hispanic .....	12,350,492	917,833	1,746,552	2,685,972	2,913,480	1,969,139	2,117,516	100.0	7.4	14.1	21.7	23.6	15.9	17.1
Asian .....	2,398,105	954,471	660,219	477,747	244,261	48,790	12,617	100.0	39.8	27.5	19.9	10.2	2.0	0.5
Pacific Islander .....	175,172	112,191	14,802	30,012	12,417	5,129	621	100.0	64.0	8.4	17.1	7.1	2.9	0.4
American Indian/Alaska Native .....	517,456	254,320	69,830	74,469	34,099	19,334	65,404	100.0	49.1	13.5	14.4	6.6	3.7	12.6
Two or more races .....	1,498,926	1,289,726	194,838	8,071	2,819	2,360	1,112	100.0	86.0	13.0	0.5	0.2	0.2	0.1
<b>2014</b>														
White .....	24,786,411	326,391	906,861	3,321,959	7,347,405	7,467,279	5,416,516	100.0	1.3	3.7	13.4	29.6	30.1	21.9
Black .....	7,759,943	916,247	1,495,510	1,925,536	1,350,373	874,182	1,198,095	100.0	11.8	19.3	24.8	17.4	11.3	15.4
Hispanic .....	12,716,373	917,811	1,815,981	2,766,817	3,013,933	2,057,591	2,144,240	100.0	7.2	14.3	21.8	23.7	16.2	16.9
Asian .....	2,454,856	958,881	677,894	500,886	252,293	48,914	15,988	100.0	39.1	27.6	20.4	10.3	2.0	0.7
Pacific Islander .....	174,834	113,812	15,541	27,772	12,828	4,786	95	100.0	65.1	8.9	15.9	7.3	2.7	0.1
American Indian/Alaska Native .....	514,123	251,476	70,266	72,766	33,205	21,219	65,191	100.0	48.9	13.7	14.2	6.5	4.1	12.7
Two or more races .....	1,603,231	1,370,555	220,692	8,815	1,482	1,062	625	100.0	85.5	13.8	0.5	0.1	0.1	#
<b>2015</b>														
White .....	24,505,632	338,854	925,174	3,433,953	7,370,748	7,349,746	5,087,157	100.0	1.4	3.8	14.0	30.1	30.0	20.8
Black .....	7,731,426	926,749	1,501,089	1,921,738	1,359,513	867,967	1,154,370	100.0	12.0	19.4	24.9	17.6	11.2	14.9
Hispanic .....	12,982,345	917,357	1,853,764	2,853,336	3,113,283	2,063,469	2,181,136	100.0	7.1	14.3	22.0	24.0	15.9	16.8
Asian .....	2,504,848	958,423	688,104	525,789	264,939	51,494	16,099	100.0	38.3	27.5	21.0	10.6	2.1	0.6
Pacific Islander .....	175,646	115,753	16,543	26,626	12,225	4,398	101	100.0	65.9	9.4	15.2	7.0	2.5	0.1
American Indian/Alaska Native .....	504,365	244,771	70,672	70,002	31,830	20,554	66,536	100.0	48.5	14.0	13.9	6.3	4.1	13.2
Two or more races .....	1,710,916	1,441,131	257,234	9,985	1,644	915	7	100.0	84.2	15.0	0.6	0.1	0.1	#

#Rounds to zero.

NOTE: Data reflect racial/ethnic data reported by schools. Because some schools do not report complete racial/ethnic data, totals may differ from figures in other tables. Excludes 1995 data for Idaho and 2000 data for Tennessee because racial/ethnic data were not reported. Race categories exclude persons of Hispanic ethnicity. Detail may not sum to totals because of rounding.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Common Core of Data (CCD), "Public Elementary/Secondary School Universe Survey," 1995-96 through 2015-16. (This table was prepared January 2018.)

**Table 216.60. Number and percentage distribution of public school students, by percentage of students in school who are eligible for free or reduced-price lunch, school level, locale, and student race/ethnicity: Fall 2015**

School level, locale, and student race/ethnicity	Number of students, by percent of students in school eligible for free or reduced-price lunch						Percentage distribution of students, by percent of students in school eligible for free or reduced-price lunch					
	Total <sup>1</sup>	0 to 25.0 percent	25.1 to 50.0 percent	50.1 to 75.0 percent	More than 75.0 percent	Missing/school does not participate	Total <sup>1</sup>	0 to 25.0 percent	25.1 to 50.0 percent	50.1 to 75.0 percent	More than 75.0 percent	Missing/school does not participate
1	2	3	4	5	6	7	8	9	10	11	12	13
<b>Total</b>	<b>50,115,178</b>	<b>9,886,685</b>	<b>13,443,504</b>	<b>13,231,831</b>	<b>12,238,233</b>	<b>1,314,925</b>	<b>100.0</b>	<b>19.7</b>	<b>26.8</b>	<b>26.4</b>	<b>24.4</b>	<b>2.6</b>
White	24,505,632	6,890,525	8,689,794	6,165,256	2,012,467	747,590	100.0	28.1	35.5	25.2	8.2	3.1
Black	7,731,426	569,508	1,280,259	2,263,177	3,443,535	174,947	100.0	7.4	16.6	29.3	44.5	2.3
Hispanic	12,982,345	1,060,731	2,182,658	3,599,134	5,877,377	262,445	100.0	8.2	16.8	27.7	45.3	2.0
Asian	2,504,848	920,464	620,601	520,873	369,561	73,349	100.0	36.7	24.8	20.8	14.8	2.9
Pacific Islander	175,646	20,494	47,778	61,029	44,583	1,762	100.0	11.7	27.2	34.7	25.4	1.0
American Indian/Alaska Native	504,365	44,902	107,620	150,817	187,884	13,142	100.0	8.9	21.3	29.9	37.3	2.6
Two or more races	1,710,916	380,061	514,794	471,545	302,826	41,690	100.0	22.2	30.1	27.6	17.7	2.4
<b>School level<sup>2</sup></b>												
<b>Elementary<sup>3</sup></b>	<b>32,035,708</b>	<b>5,925,741</b>	<b>7,551,570</b>	<b>8,482,369</b>	<b>9,264,025</b>	<b>812,003</b>	<b>100.0</b>	<b>18.5</b>	<b>23.6</b>	<b>26.5</b>	<b>28.9</b>	<b>2.5</b>
White	15,242,005	4,085,337	4,900,351	4,212,414	1,597,600	446,303	100.0	26.8	32.2	27.6	10.5	2.9
Black	4,954,122	310,464	671,777	1,298,654	2,564,486	108,741	100.0	6.3	13.6	26.2	51.8	2.2
Hispanic	8,618,436	634,564	1,215,378	2,184,373	4,410,510	173,611	100.0	7.4	14.1	25.3	51.2	2.0
Asian	1,597,844	604,508	360,325	316,152	270,301	46,558	100.0	37.8	22.6	19.8	16.9	2.9
Pacific Islander	108,982	11,698	23,816	38,291	34,169	1,008	100.0	10.7	21.9	35.1	31.4	0.9
American Indian/Alaska Native	312,467	23,434	54,889	91,999	134,483	7,662	100.0	7.5	17.6	29.4	43.0	2.5
Two or more races	1,201,852	255,736	325,034	340,486	252,476	28,120	100.0	21.3	27.0	28.3	21.0	2.3
<b>Secondary<sup>4</sup></b>	<b>15,748,184</b>	<b>3,532,115</b>	<b>5,318,952</b>	<b>4,120,085</b>	<b>2,396,098</b>	<b>380,934</b>	<b>100.0</b>	<b>22.4</b>	<b>33.8</b>	<b>26.2</b>	<b>15.2</b>	<b>2.4</b>
White	8,098,036	2,514,930	3,403,095	1,619,851	317,722	242,438	100.0	31.1	42.0	20.0	3.9	3.0
Black	2,326,564	215,033	558,065	842,967	673,080	37,419	100.0	9.2	24.0	36.2	28.9	1.6
Hispanic	3,844,416	377,334	880,030	1,284,947	1,235,403	66,702	100.0	9.8	22.9	33.4	32.1	1.7
Asian	827,797	292,965	239,639	190,811	84,280	20,102	100.0	35.4	28.9	23.1	10.2	2.4
Pacific Islander	58,367	7,656	22,089	20,053	8,123	446	100.0	13.1	37.8	34.4	13.9	0.8
American Indian/Alaska Native	156,895	17,632	47,193	49,138	38,538	4,394	100.0	11.2	30.1	31.3	24.6	2.8
Two or more races	436,109	106,565	168,841	112,318	38,952	9,433	100.0	24.4	38.7	25.8	8.9	2.2
<b>School locale<sup>5</sup></b>												
<b>City</b>	<b>15,276,459</b>	<b>1,932,850</b>	<b>2,959,489</b>	<b>3,889,668</b>	<b>6,140,415</b>	<b>354,037</b>	<b>100.0</b>	<b>12.7</b>	<b>19.4</b>	<b>25.5</b>	<b>40.2</b>	<b>2.3</b>
White	4,444,365	1,079,104	1,486,382	1,161,109	628,412	89,358	100.0	24.3	33.4	26.1	14.1	2.0
Black	3,574,096	176,920	410,843	913,750	1,960,398	112,185	100.0	5.0	11.5	25.6	54.9	3.1
Hispanic	5,499,135	290,463	651,343	1,343,951	3,092,987	120,391	100.0	5.3	11.8	24.4	56.2	2.2
Asian	1,044,162	272,185	233,424	270,146	250,511	17,896	100.0	26.1	22.4	25.9	24.0	1.7
Pacific Islander	59,684	5,572	13,591	19,827	20,077	617	100.0	9.3	22.8	33.2	33.6	1.0
American Indian/Alaska Native	106,713	11,157	23,354	28,913	39,848	3,441	100.0	10.5	21.9	27.1	37.3	3.2
Two or more races	548,304	97,449	140,552	151,972	148,182	10,149	100.0	17.8	25.6	27.7	27.0	1.9
<b>Suburban</b>	<b>19,902,518</b>	<b>5,989,782</b>	<b>5,423,641</b>	<b>4,180,461</b>	<b>3,535,400</b>	<b>773,234</b>	<b>100.0</b>	<b>30.1</b>	<b>27.3</b>	<b>21.0</b>	<b>17.8</b>	<b>3.9</b>
White	9,888,730	4,218,260	3,173,672	1,517,809	465,291	513,698	100.0	42.7	32.1	15.3	4.7	5.2
Black	2,721,897	315,057	614,220	862,510	874,992	55,118	100.0	11.6	22.6	31.7	32.1	2.0
Hispanic	5,161,667	619,133	1,039,384	1,396,582	1,983,792	122,776	100.0	12.0	20.1	27.1	38.4	2.4
Asian	1,246,642	580,552	318,365	197,380	98,492	51,853	100.0	46.6	25.5	15.8	7.9	4.2
Pacific Islander	73,589	12,241	22,527	22,664	15,255	902	100.0	16.6	30.6	30.8	20.7	1.2
American Indian/Alaska Native	87,920	17,606	27,938	24,521	14,954	2,901	100.0	20.0	31.8	27.9	17.0	3.3
Two or more races	722,073	226,933	227,535	158,995	82,624	25,986	100.0	31.4	31.5	22.0	11.4	3.6
<b>Town</b>	<b>5,630,371</b>	<b>441,794</b>	<b>1,833,105</b>	<b>2,158,363</b>	<b>1,147,073</b>	<b>50,036</b>	<b>100.0</b>	<b>7.8</b>	<b>32.6</b>	<b>38.3</b>	<b>20.4</b>	<b>0.9</b>
White	3,582,079	363,353	1,455,213	1,374,823	354,897	33,793	100.0	10.1	40.6	38.4	9.9	0.9
Black	562,537	14,554	67,914	196,912	280,336	2,821	100.0	2.6	12.1	35.0	49.8	0.5
Hispanic	1,090,699	36,105	195,429	432,762	418,778	7,625	100.0	3.3	17.9	39.7	38.4	0.7
Asian	72,660	8,123	25,990	26,858	11,070	619	100.0	11.2	35.8	37.0	15.2	0.9
Pacific Islander	23,773	669	6,966	11,333	4,706	99	100.0	2.8	29.3	47.7	19.8	0.4
American Indian/Alaska Native	118,824	6,600	25,814	40,994	42,066	3,350	100.0	5.6	21.7	34.5	35.4	2.8
Two or more races	179,799	12,390	55,779	74,681	35,220	1,729	100.0	6.9	31.0	41.5	19.6	1.0
<b>Rural</b>	<b>9,303,093</b>	<b>1,520,970</b>	<b>3,226,934</b>	<b>3,003,191</b>	<b>1,415,345</b>	<b>136,653</b>	<b>100.0</b>	<b>16.3</b>	<b>34.7</b>	<b>32.3</b>	<b>15.2</b>	<b>1.5</b>
White	6,589,126	1,229,376	2,574,221	2,111,408	563,867	110,254	100.0	18.7	39.1	32.0	8.6	1.7
Black	872,580	62,751	187,276	290,002	327,809	4,742	100.0	7.2	21.5	33.2	37.6	0.5
Hispanic	1,230,019	114,478	296,492	425,802	381,820	11,427	100.0	9.3	24.1	34.6	31.0	0.9
Asian	141,233	59,569	42,817	26,489	9,488	2,870	100.0	42.2	30.3	18.8	6.7	2.0
Pacific Islander	18,594	2,011	4,692	7,205	4,545	141	100.0	10.8	25.2	38.7	24.4	0.8
American Indian/Alaska Native	190,899	9,535	30,510	56,389	91,016	3,449	100.0	5.0	16.0	29.5	47.7	1.8
Two or more races	260,642	43,250	90,926	85,896	36,800	3,770	100.0	16.6	34.9	33.0	14.1	1.4

<sup>1</sup>Includes students enrolled in schools that did not report free or reduced-price lunch eligibility.

<sup>2</sup>Combined elementary/secondary schools and schools not reported by grade span are not shown separately.

<sup>3</sup>Includes schools beginning with grade 6 or below and with no grade higher than 8.

<sup>4</sup>Includes schools with no grade lower than 7.

<sup>5</sup>Excludes 2,737 students enrolled in schools for which locale data are not available.

NOTE: Students with household incomes under 185 percent of the poverty threshold are eligible for free or reduced-price lunch under the National School Lunch Program (NSLP). In addition, some groups of children—such as foster children, children participating in the Head Start and Migrant Education programs, and children receiving services under the Runaway

and Homeless Youth Act—are assumed to be categorically eligible to participate in the NSLP. Also, under the Community Eligibility option, some nonpoor children who attend school in a low-income area may participate if the district decides that it would be more efficient to provide free lunch to all children in the school. For more information, see <http://www.fns.usda.gov/nslp/national-school-lunch-program-nslp>. Race categories exclude persons of Hispanic ethnicity. Detail may not sum to totals because of rounding.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Common Core of Data (CCD), "Public Elementary/Secondary School Universe Survey," 2015–16. (This table was prepared August 2017.)

**Table 216.70. Public elementary and secondary schools, by level, type, and state or jurisdiction: 1990–91, 2000–01, 2010–11, and 2015–16**

State or jurisdiction	Total, all schools, 1990–91	Total, all schools, 2000–01	Total, all schools, 2010–11	Schools by level, 2015–16							Selected types of schools, 2015–16			
				Total, all schools	Elementary <sup>1</sup>	Secondary <sup>2</sup>	Combined elementary/secondary <sup>3</sup>			Other <sup>4</sup>	Alternative <sup>5</sup>	Special education <sup>5</sup>	One-teacher schools <sup>5</sup>	
							Total	Prekindergarten, kindergarten, or grade 1 to grade 12	Other schools ending with grade 12					Other combined schools
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
<b>United States .....</b>	<b>84,538</b>	<b>93,273</b>	<b>98,817</b>	<b>98,277</b>	<b>66,758</b>	<b>24,040</b>	<b>6,788</b>	<b>3,212</b>	<b>2,529</b>	<b>1,047</b>	<b>691</b>	<b>5,375</b>	<b>2,005</b>	<b>197</b>
Alabama .....	1,297	1,517	1,600	1,509	923	403	158	106	48	4	25	81	34	0
Alaska .....	498	515	509	508	197	79	232	215	16	1	0	24	3	5
Arizona .....	1,049	1,724	2,265	2,284	1,356	738	168	86	58	24	22	59	20	2
Arkansas .....	1,098	1,138	1,110	1,087	701	372	14	1	8	5	0	6	4	0
California .....	7,913	8,773	10,124	10,296	7,006	2,550	601	454	138	9	139	1,142	146	34
Colorado .....	1,344	1,632	1,796	1,862	1,311	393	158	76	73	9	0	94	6	0
Connecticut .....	985	1,248	1,157	1,369	938	389	42	14	22	6	0	122	168	0
Delaware .....	173	191	214	223	163	41	19	12	5	2	0	6	13	0
District of Columbia .....	181	198	228	222	176	35	10	1	6	3	1	7	3	0
Florida .....	2,516	3,316	4,131	4,164	2,839	674	651	264	356	31	0	379	173	3
Georgia .....	1,734	1,946	2,449	2,297	1,769	449	74	20	37	17	5	41	19	0
Hawaii .....	235	261	289	290	211	52	27	23	3	1	0	1	1	0
Idaho .....	582	673	748	744	448	218	78	49	26	3	0	77	18	7
Illinois .....	4,239	4,342	4,361	4,175	3,046	888	126	15	100	11	115	138	108	0
Indiana .....	1,915	1,976	1,936	1,921	1,366	464	91	50	32	9	0	8	22	0
Iowa .....	1,588	1,534	1,436	1,349	948	360	41	5	36	0	0	22	3	2
Kansas .....	1,477	1,430	1,378	1,320	928	341	48	13	34	1	3	1	4	0
Kentucky .....	1,400	1,526	1,554	1,541	968	484	75	21	42	12	14	182	8	0
Louisiana .....	1,533	1,530	1,471	1,390	964	276	150	97	45	8	0	5	32	0
Maine .....	747	714	631	611	449	146	14	10	3	1	2	0	2	6
Maryland .....	1,220	1,383	1,449	1,437	1,128	243	51	20	22	9	15	44	37	0
Massachusetts .....	1,842	1,905	1,829	1,862	1,421	377	58	16	34	8	6	21	7	0
Michigan .....	3,313	3,998	3,877	3,466	1,769	833	860	223	201	436	4	315	187	4
Minnesota .....	1,590	2,362	2,392	2,478	1,339	854	285	139	135	11	0	491	292	1
Mississippi .....	972	1,030	1,083	1,076	631	332	105	64	37	4	8	68	2	0
Missouri .....	2,199	2,368	2,410	2,424	1,611	632	161	76	85	0	20	61	53	0
Montana .....	900	879	827	823	490	333	0	0	0	0	0	4	2	64
Nebraska .....	1,506	1,326	1,096	1,085	714	309	11	11	0	0	51	51	25	3
Nevada .....	354	511	645	659	476	128	55	23	29	3	0	35	14	14
New Hampshire .....	439	526	480	490	380	110	0	0	0	0	0	0	0	0
New Jersey .....	2,272	2,410	2,607	2,588	1,959	538	70	44	19	7	21	84	64	0
New Mexico .....	681	765	862	884	606	238	35	12	20	3	5	32	6	0
New York .....	4,010	4,336	4,757	4,824	3,306	1,131	382	173	154	55	5	54	131	0
North Carolina .....	1,955	2,207	2,567	2,603	1,915	536	151	66	62	23	1	74	24	0
North Dakota .....	663	579	516	518	303	183	0	0	0	0	32	0	31	5
Ohio .....	3,731	3,916	3,758	3,619	2,450	1,008	145	45	67	33	16	0	51	0
Oklahoma .....	1,880	1,821	1,785	1,800	1,232	564	3	0	3	0	1	5	4	0
Oregon .....	1,199	1,273	1,296	1,242	888	273	81	55	25	1	0	32	1	13
Pennsylvania .....	3,260	3,252	3,233	3,019	2,126	782	111	42	46	23	0	6	4	0
Rhode Island .....	309	328	317	313	232	75	6	4	1	1	0	5	1	0
South Carolina .....	1,097	1,127	1,214	1,248	919	287	42	12	22	8	0	12	9	0
South Dakota .....	802	769	710	698	435	246	17	9	8	0	0	32	12	13
Tennessee .....	1,543	1,624	1,784	1,859	1,373	378	106	41	48	17	2	22	16	1
Texas .....	5,991	7,519	8,732	8,824	6,022	2,089	711	289	231	191	2	938	14	1
Utah .....	714	793	1,016	1,033	668	285	80	47	6	27	0	28	64	—
Vermont .....	397	393	320	314	231	67	16	11	5	0	0	1	0	1
Virginia .....	1,811	1,969	2,175	2,133	1,490	436	35	25	10	0	172	127	53	0
Washington .....	1,936	2,305	2,338	2,427	1,549	640	238	141	79	18	0	313	96	4
West Virginia .....	1,015	840	757	744	563	120	61	39	22	0	0	29	3	0
Wisconsin .....	2,018	2,182	2,238	2,255	1,580	559	112	41	66	5	4	90	12	3
Wyoming .....	415	393	360	370	245	102	23	12	4	7	0	6	3	11
Bureau of Indian Education .....	—	189	173	174	112	19	43	37	5	1	0	0	0	0
DoD, domestic and overseas .....	—	227	191	173	129	29	15	5	10	0	0	0	0	—
Other jurisdictions														
American Samoa .....	30	31	28	28	0	1	0	0	0	0	27	0	0	0
Guam .....	35	38	40	41	34	7	0	0	0	0	0	1	0	0
Northern Marianas .....	26	29	30	—	—	—	—	—	—	—	—	—	—	—
Puerto Rico .....	1,619	1,543	1,473	1,322	860	313	123	4	3	116	26	10	18	0
U.S. Virgin Islands .....	33	36	32	28	19	9	0	0	0	0	0	0	0	0

—Not available.

<sup>1</sup>Includes schools beginning with grade 6 or below and with no grade higher than 8.

<sup>2</sup>Includes schools with no grade lower than 7.

<sup>3</sup>Includes schools beginning with grade 6 or below and ending with grade 9 or above.

<sup>4</sup>Includes schools not reported by grade span.

<sup>5</sup>Schools are also included under elementary, secondary, combined, or other as appropriate. NOTE: DoD = Department of Defense.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Common Core of Data (CCD), "Public Elementary/Secondary School Universe Survey," 1990–91, 2000–01, 2010–11, and 2015–16. (This table was prepared August 2017.)

**Table 216.75. Public elementary schools, by grade span, average school enrollment, and state or jurisdiction: 2015–16**

State or jurisdiction	Total, all elementary schools	Total, all regular elementary schools <sup>1</sup>	Schools, by grade span						Average school enrollment <sup>2</sup>	
			Prekindergarten, kindergarten, or grade 1 to grades 3 or 4	Prekindergarten, kindergarten, or grade 1 to grade 5	Prekindergarten, kindergarten, or grade 1 to grade 6	Prekindergarten, kindergarten, or grade 1 to grade 8	Grade 4, 5, or 6 to grade 6, 7, or 8	Other grade spans	All elementary schools	Regular elementary schools <sup>1</sup>
1	2	3	4	5	6	7	8	9	10	11
<b>United States</b> .....	<b>66,758</b>	<b>65,734</b>	<b>5,001</b>	<b>25,192</b>	<b>10,164</b>	<b>6,590</b>	<b>13,022</b>	<b>6,789</b>	<b>482</b>	<b>487</b>
Alabama .....	923	914	92	290	138	64	218	121	497	498
Alaska .....	197	197	0	38	97	25	23	14	336	336
Arizona .....	1,356	1,339	48	235	368	463	163	79	516	517
Arkansas .....	701	698	126	146	161	6	157	105	441	443
California .....	7,006	6,842	125	2,506	2,086	1,040	1,060	189	553	562
Colorado .....	1,311	1,307	28	618	203	126	239	97	442	443
Connecticut .....	938	831	100	280	65	110	174	209	367	411
Delaware .....	163	158	14	81	4	9	37	18	554	561
District of Columbia .....	176	175	19	71	3	29	31	23	354	352
Florida .....	2,839	2,780	37	1,675	126	286	584	131	665	676
Georgia .....	1,769	1,767	36	1,053	23	40	459	158	683	684
Hawaii .....	211	211	1	86	84	9	28	3	543	543
Idaho .....	448	439	34	152	130	28	75	29	400	407
Illinois .....	3,046	3,039	280	793	286	649	579	459	436	437
Indiana .....	1,366	1,364	166	465	316	48	260	111	474	474
Iowa .....	948	947	115	328	139	10	226	130	347	348
Kansas .....	928	926	74	363	177	56	193	65	344	344
Kentucky .....	968	957	32	462	107	72	198	97	475	481
Louisiana .....	964	963	77	302	116	129	201	139	480	481
Maine .....	449	449	52	97	54	81	81	84	264	264
Maryland .....	1,128	1,115	11	686	63	97	222	49	547	552
Massachusetts .....	1,421	1,416	188	479	118	101	289	246	435	435
Michigan .....	1,769	1,727	185	486	476	171	172	279	390	392
Minnesota .....	1,339	1,171	119	404	258	81	269	208	425	467
Mississippi .....	631	628	76	139	89	35	160	132	497	497
Missouri .....	1,611	1,603	150	501	299	112	322	227	375	376
Montana .....	490	487	18	64	199	110	65	34	191	191
Nebraska .....	714	710	49	170	269	22	103	101	289	289
Nevada .....	476	466	8	265	72	21	93	17	638	648
New Hampshire .....	380	380	52	114	37	54	83	40	318	318
New Jersey .....	1,959	1,942	272	557	136	281	366	347	460	463
New Mexico .....	606	602	18	264	106	34	128	56	364	365
New York .....	3,306	3,282	291	1,240	356	291	725	403	516	517
North Carolina .....	1,915	1,903	87	1,097	58	121	464	88	536	539
North Dakota .....	303	303	9	86	101	65	33	9	238	238
Ohio .....	2,450	2,430	355	605	346	240	532	372	436	439
Oklahoma .....	1,232	1,228	89	287	170	279	249	158	386	387
Oregon .....	888	885	27	407	114	128	178	34	413	413
Pennsylvania .....	2,126	2,126	302	647	357	195	417	208	486	486
Rhode Island .....	232	232	36	85	34	3	44	30	400	400
South Carolina .....	919	916	36	474	41	48	222	98	564	566
South Dakota .....	435	426	21	128	67	93	101	25	214	217
Tennessee .....	1,373	1,361	173	530	59	186	315	110	501	505
Texas .....	6,022	5,902	591	2,862	435	142	1,333	659	572	580
Utah .....	668	633	10	125	407	32	45	49	547	568
Vermont .....	231	231	15	23	101	63	18	11	237	237
Virginia .....	1,490	1,490	48	838	149	12	306	137	577	577
Washington .....	1,549	1,460	56	655	324	84	286	144	449	465
West Virginia .....	563	561	69	260	39	37	115	43	345	347
Wisconsin .....	1,580	1,571	162	610	122	156	339	191	360	362
Wyoming .....	245	244	22	63	79	16	42	23	235	235
Bureau of Indian Education .....	112	112	6	7	27	64	4	4	—	—
DoD, domestic and overseas .....	129	129	5	55	14	11	27	17	448	448
Other jurisdictions										
American Samoa .....	0	0	0	0	0	0	0	0	—	—
Guam .....	34	34	0	24	0	0	8	2	611	611
Northern Marianas .....	—	—	—	—	—	—	—	—	—	—
Puerto Rico .....	860	859	23	199	493	67	69	9	233	233
U.S. Virgin Islands .....	19	19	1	1	14	1	2	0	418	418

—Not available.  
<sup>1</sup>Excludes special education and alternative schools.  
<sup>2</sup>Average for schools reporting enrollment data. Enrollment data were available for 66,453 out of 66,758 public elementary schools in 2015–16.

NOTE: Includes schools beginning with grade 6 or below and with no grade higher than 8. Excludes schools not reported by grade level, such as some special education schools for students with disabilities. DoD = Department of Defense.  
 SOURCE: U.S. Department of Education, National Center for Education Statistics, Common Core of Data (CCD), "Public Elementary/Secondary School Universe Survey," 2015–16. (This table was prepared August 2017.)

**Table 216.80. Public secondary schools, by grade span, average school enrollment, and state or jurisdiction: 2015–16**

State or jurisdiction	Total, all secondary schools	Total, all regular secondary schools <sup>1</sup>	Schools, by grade span							Vocational schools <sup>2</sup>	Average school enrollment <sup>3</sup>	
			Grades 7 to 8 and 7 to 9	Grades 7 to 12	Grades 8 to 12	Grades 9 to 12	Grades 10 to 12	Other spans ending with grade 12	Other grade spans		All secondary schools	Regular secondary schools <sup>1</sup>
1	2	3	4	5	6	7	8	9	10	11	12	13
<b>United States</b>	<b>24,040</b>	<b>19,325</b>	<b>2,594</b>	<b>3,041</b>	<b>954</b>	<b>15,635</b>	<b>608</b>	<b>347</b>	<b>861</b>	<b>1,396</b>	<b>698</b>	<b>797</b>
Alabama	403	313	38	74	9	245	28	1	8	68	714	727
Alaska	79	61	12	20	1	42	2	1	1	3	461	548
Arizona	738	475	68	56	11	571	14	4	14	242	590	751
Arkansas	372	342	48	122	12	134	35	1	20	25	513	519
California	2,550	1,659	369	291	12	1,778	67	25	8	72	864	1,214
Colorado	393	332	39	44	3	290	4	1	12	6	661	743
Connecticut	389	208	40	15	4	230	28	49	23	17	460	789
Delaware	41	33	1	1	11	26	0	0	2	6	960	938
District of Columbia	35	28	0	1	2	31	0	0	1	0	441	524
Florida	674	515	15	34	34	559	7	19	6	33	1,260	1,550
Georgia	449	419	15	5	11	389	3	1	25	0	1,131	1,208
Hawaii	52	51	12	7	0	33	0	0	0	0	1,127	1,148
Idaho	218	143	33	42	3	128	10	0	2	14	464	623
Illinois	888	830	126	65	8	653	11	9	16	0	742	784
Indiana	464	444	80	82	6	276	8	6	6	28	810	815
Iowa	360	340	36	76	0	232	9	0	7	0	449	470
Kansas	341	338	33	92	6	208	1	1	0	0	456	459
Kentucky	484	238	28	49	26	230	9	6	136	121	573	851
Louisiana	276	254	31	43	83	103	13	0	3	12	742	777
Maine	146	118	8	14	1	92	3	0	28	27	463	467
Maryland	243	192	4	4	7	199	3	7	19	27	1,084	1,230
Massachusetts	377	326	31	33	20	285	0	4	4	38	809	818
Michigan	833	598	28	123	326	318	5	19	14	4	547	695
Minnesota	854	453	38	282	28	417	38	44	7	9	387	597
Mississippi	332	235	28	57	3	212	23	2	7	91	640	640
Missouri	632	555	62	174	1	364	13	8	10	63	542	544
Montana	333	330	162	0	0	171	0	0	0	0	156	158
Nebraska	309	299	31	159	2	110	1	6	0	0	378	378
Nevada	128	111	15	6	3	99	1	4	0	0	1,084	1,217
New Hampshire	110	110	15	0	0	93	1	0	1	0	558	558
New Jersey	538	415	54	44	8	408	6	4	14	56	910	1,019
New Mexico	238	210	35	35	1	149	8	0	10	0	460	496
New York	1,131	1,047	60	150	106	736	24	9	46	21	722	746
North Carolina	536	507	22	5	5	484	3	6	11	7	862	897
North Dakota	183	170	4	90	0	73	0	1	15	13	204	204
Ohio	1,008	926	124	153	56	621	21	15	18	73	593	604
Oklahoma	564	560	90	0	3	439	24	0	8	0	383	385
Oregon	273	252	23	48	3	197	0	2	0	0	655	696
Pennsylvania	782	693	98	153	15	490	15	1	10	84	804	812
Rhode Island	75	62	9	1	1	53	1	0	10	10	668	686
South Carolina	287	234	22	4	1	240	9	4	7	42	914	954
South Dakota	246	225	64	0	0	179	1	2	0	3	169	179
Tennessee	378	361	11	17	6	318	12	5	9	15	817	833
Texas	2,089	1,524	257	148	44	1,348	45	38	209	0	781	1,032
Utah	285	250	93	47	6	66	58	1	14	6	892	959
Vermont	67	51	7	18	0	42	0	0	0	15	474	483
Virginia	436	343	33	6	26	278	2	0	91	89	1,189	1,203
Washington	640	442	71	56	34	428	25	22	4	20	619	813
West Virginia	120	106	1	21	2	94	1	0	1	30	654	719
Wisconsin	559	495	52	61	3	406	14	19	4	6	502	544
Wyoming	102	102	18	13	1	68	2	0	0	0	324	324
Bureau of Indian Education	19	19	1	4	2	12	0	0	0	0	—	—
DoD, domestic and overseas	29	29	1	7	1	20	0	0	0	0	433	433
Other jurisdictions												
American Samoa	1	0	0	0	0	0	0	0	1	1	—	—
Guam	7	6	0	0	0	7	0	0	0	0	1,437	1,670
Northern Marianas	—	—	—	—	—	—	—	—	—	—	—	—
Puerto Rico	313	280	110	28	2	74	87	1	11	32	443	426
U.S. Virgin Islands	9	8	4	0	0	5	0	0	0	1	733	733

—Not available.

<sup>1</sup>Excludes vocational, special education, and alternative schools.

<sup>2</sup>Vocational schools are also included under appropriate grade span. Includes vocational schools not classified as secondary schools.

<sup>3</sup>Average for schools reporting enrollment data. Enrollment data were available for 22,569 out of 24,040 public secondary schools in 2015–16.

NOTE: Includes schools with no grade lower than 7. Excludes schools not reported by grade level, such as some special education schools for students with disabilities.

DoD = Department of Defense.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Common Core of Data (CCD), "Public Elementary/Secondary School Universe Survey," 2015–16. (This table was prepared August 2017.)

**Table 216.90. Public elementary and secondary charter schools and enrollment, by state: Selected years, 2000–01 through 2015–16**

State	Number of charter schools					Fall enrollment in charter schools					Charter schools as a percent of total public schools				Charter school enrollment as a percent of total fall enrollment in public schools			
	2000–01	2005–06	2010–11	2014–15	2015–16	2000–01	2005–06	2010–11	2014–15	2015–16	2000–01	2005–06	2010–11	2015–16	2000–01	2005–06	2010–11	2015–16
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
<b>United States</b>	<b>1,993</b>	<b>3,780</b>	<b>5,274</b>	<b>6,747</b>	<b>6,855</b>	<b>448,343</b>	<b>1,012,906</b>	<b>1,787,091</b>	<b>2,721,786</b>	<b>2,845,322</b>	<b>2.1</b>	<b>3.9</b>	<b>5.3</b>	<b>7.0</b>	<b>1.0</b>	<b>2.1</b>	<b>3.6</b>	<b>5.7</b>
Alabama	0	0	0	0	0	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Alaska	19	23	27	27	28	2,594	4,660	5,751	6,217	6,343	3.7	4.6	5.3	5.5	1.9	3.5	4.4	4.8
Arizona	313	501	519	619	552	45,596	90,597	124,467	206,667	176,894	18.2	24.1	22.9	24.2	5.4	8.3	11.6	16.0
Arkansas	3	19	40	60	65	708	4,006	10,209	20,135	24,182	0.3	1.7	3.6	6.0	0.2	0.8	2.1	4.9
California	302	543	908	1,177	1,224	115,582	195,876	363,916	544,293	568,774	3.4	5.6	9.0	11.9	1.9	3.1	5.9	9.2
Colorado	77	121	168	214	226	20,155	44,254	74,685	101,359	108,793	4.7	7.1	9.4	12.1	2.8	5.7	8.9	12.1
Connecticut	16	14	18	22	24	2,429	2,927	5,139	8,036	9,132	1.3	1.3	1.6	1.8	0.4	0.5	0.9	1.7
Delaware	7	13	19	24	28	2,716	6,566	9,525	12,197	13,622	3.7	5.9	8.9	12.6	2.4	5.4	7.4	10.1
District of Columbia	33	52	97	107	109	—	17,260	26,910	34,541	35,798	16.7	22.7	42.5	49.1	—	22.5	37.8	43.1
Florida	148	342	458	651	653	26,893	92,335	154,703	251,825	270,953	4.5	9.2	11.1	15.7	1.1	3.5	5.9	9.7
Georgia	30	58	67	89	82	20,066	26,440	41,981	71,617	72,170	1.5	2.4	2.7	3.6	1.4	1.7	2.5	4.1
Hawaii	6	27	31	34	34	1,343	6,498	8,289	10,435	10,444	2.3	9.5	10.7	11.7	0.7	3.5	4.6	5.7
Idaho	9	26	40	52	54	1,083	8,003	15,330	19,079	19,381	1.3	3.7	5.3	7.3	0.4	3.1	5.6	6.6
Illinois	20	29	50	68	64	7,552	16,968	43,049	62,446	64,108	0.5	0.7	1.1	1.5	0.4	0.8	2.1	3.2
Indiana	0	29	60	80	88	0	7,409	22,472	37,448	39,671	0.0	1.5	3.1	4.6	0.0	0.7	2.2	3.8
Iowa	0	6	7	3	3	0	520	298	322	430	0.0	0.4	0.5	0.2	0.0	0.1	0.1	0.1
Kansas	1	26	25	11	10	67	1,914	4,618	2,758	3,186	0.1	1.8	1.8	0.8	#	0.4	1.0	0.7
Kentucky	0	0	0	0	0	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Louisiana	19	26	78	135	138	3,212	8,315	29,199	69,817	74,030	1.2	1.9	5.3	9.9	0.4	1.3	4.2	10.3
Maine	1	0	0	6	7	154	0	0	857	1,518	0.1	0.0	0.0	1.1	0.1	0.0	0.0	0.9
Maryland	0	15	44	47	50	0	3,363	14,492	19,337	20,988	0.0	1.0	3.0	3.5	0.0	0.4	1.7	2.4
Massachusetts	41	59	63	80	81	13,712	21,958	28,422	37,402	40,199	2.2	3.1	3.4	4.4	1.4	2.3	3.0	4.2
Michigan	205	264	300	375	370	54,751	91,384	111,344	142,752	145,483	5.1	6.5	7.7	10.7	3.3	5.3	7.2	9.8
Minnesota	73	161	176	205	216	9,395	20,603	37,253	47,747	50,812	3.1	6.1	7.4	8.7	1.1	2.5	4.4	5.9
Mississippi	1	1	0	0	2	367	374	0	0	226	0.1	0.1	0.0	0.2	0.1	0.1	0.0	#
Missouri	21	23	53	62	70	7,061	10,972	20,076	20,012	21,619	0.9	1.0	2.2	2.9	0.8	1.2	2.2	2.4
Montana	0	0	0	0	0	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Nebraska	0	0	0	0	0	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Nevada	8	19	34	45	47	1,255	4,818	14,127	28,975	35,130	1.6	3.4	5.3	7.1	0.4	1.2	3.2	7.5
New Hampshire	0	6	14	28	31	0	200	983	2,547	3,011	0.0	1.3	2.9	6.3	0.0	0.1	0.5	1.7
New Jersey	53	54	76	87	89	10,179	14,937	24,591	37,257	41,026	2.2	2.2	2.9	3.4	0.8	1.1	1.8	3.0
New Mexico	10	53	81	97	99	1,335	8,595	15,290	22,715	22,079	1.3	6.2	9.4	11.2	0.4	2.6	4.6	6.6
New York	38	79	170	248	256	0	21,539	54,443	106,483	117,710	0.9	1.7	3.6	5.3	0.0	0.8	2.0	4.3
North Carolina	90	99	99	149	158	15,523	27,441	42,141	70,244	82,521	4.1	4.2	3.9	6.1	1.2	1.9	2.8	5.3
North Dakota	0	0	0	0	0	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Ohio	66	316	339	381	373	14,745	68,679	96,669	122,437	118,603	1.7	7.9	9.0	10.3	0.8	3.7	5.5	6.9
Oklahoma	6	14	18	35	45	1,208	4,081	6,585	16,585	19,893	0.3	0.8	1.0	2.5	0.2	0.6	1.0	2.9
Oregon	12	54	108	126	126	559	5,192	20,372	29,883	30,728	0.9	4.3	8.3	10.1	0.1	1.0	3.7	5.4
Pennsylvania	65	116	145	185	175	18,981	55,630	90,613	132,766	130,940	2.0	3.6	4.5	5.8	1.0	3.0	5.1	7.7
Rhode Island	3	11	16	25	29	557	2,571	3,971	6,433	7,310	0.9	3.3	5.0	9.3	0.4	1.7	2.8	5.2
South Carolina	8	27	44	66	68	484	4,104	16,390	27,055	29,470	0.7	2.3	3.6	5.4	0.1	0.6	2.3	3.9
South Dakota	0	0	0	0	0	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Tennessee	0	12	29	80	100	0	1,685	6,517	22,142	29,274	0.0	0.7	1.6	5.4	0.0	0.2	0.7	2.9
Texas	201	319	561	681	702	37,978	70,895	164,940	262,103	284,617	2.7	3.7	6.4	8.0	1.0	1.6	3.3	5.4
Utah	8	36	78	110	117	537	11,439	39,862	61,411	67,398	1.0	3.8	7.7	11.3	0.1	2.2	6.8	10.4
Vermont	0	0	0	0	0	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Virginia	2	3	4	7	7	55	210	348	883	1,001	0.1	0.1	0.2	0.3	#	#	#	0.1
Washington	0	0	0	1	9	0	0	0	0	1,225	0.0	0.0	0.0	0.4	0.0	0.0	0.0	0.1
West Virginia	0	0	0	0	0	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Wisconsin	78	181	207	244	242	9,511	27,450	36,863	44,109	44,162	3.6	8.1	9.2	10.7	1.1	3.1	4.2	5.1
Wyoming	0	3	3	4	4	0	238	258	459	468	0.0	0.8	0.8	1.1	0.0	0.3	0.3	0.5

—Not available.  
#Rounds to zero.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Common Core of Data (CCD), "Public Elementary/Secondary School Universe Survey," 2000–01 through 2015–16. (This table was prepared August 2017.)

**Table 218.10. Number and internet access of instructional computers and rooms in public schools, by selected school characteristics: Selected years, 1995 through 2008**

[Standard errors appear in parentheses]

Instructional computers and rooms, and access	All public schools		Instructional level <sup>1</sup>		Size of school enrollment			Community type <sup>2</sup>				Percent of students eligible for free or reduced-price lunch <sup>3</sup>																
			Elementary	Secondary	Less than 300	300 to 999	1,000 or more	City	Suburban	Town	Rural	Less than 35 percent	35 to 49 percent	50 to 74 percent	75 percent or more													
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15														
<b>Computers for instructional purposes</b>																												
Number (in thousands)																												
1995 <sup>4</sup> .....	5,621	(—)	3,453	(—)	2,021	(—)	850	(—)	3,600	(—)	1,171	(—)	1,497	(—)	1,526	(—)	1,404	(—)	1,195	(—)	2,905	(—)	806	(—)	950	(—)	882	(—)
2000 .....	8,776	(174)	5,296	(149)	3,271	(113)	1,135	(73)	5,524	(121)	2,117	(103)	2,537	(179)	3,396	(213)	1,155	(132)	1,689	(131)	4,394	(147)	1,373	(93)	1,606	(112)	1,384	(107)
2005 .....	12,672	(281)	7,701	(251)	4,783	(148)	1,566	(98)	7,966	(243)	3,139	(163)	3,132	(177)	4,058	(242)	1,819	(193)	3,663	(255)	5,352	(261)	2,193	(185)	2,687	(244)	2,440	(152)
2008 .....	15,434	(193)	9,711	(159)	5,415	(125)	1,746	(68)	9,486	(144)	4,202	(130)	3,611	(155)	5,787	(255)	2,062	(159)	3,974	(180)	6,195	(174)	2,364	(155)	3,805	(190)	3,070	(175)
Average number per school																												
1995 <sup>4</sup> .....	72	(—)	60	(—)	112	(—)	41	(—)	72	(—)	164	(—)	84	(—)	83	(—)	72	(—)	54	(—)	78	(—)	59	(—)	74	(—)	67	(—)
2000 .....	110	(2.0)	89	(2.4)	178	(5.3)	57	(3.1)	106	(2.3)	259	(9.0)	120	(4.9)	128	(4.3)	97	(5.6)	82	(3.6)	120	(3.4)	111	(5.9)	94	(5.7)	99	(5.5)
2005 .....	154	(3.4)	124	(3.8)	253	(6.8)	75	(4.2)	149	(4.2)	388	(13.5)	165	(7.2)	170	(6.3)	154	(13.4)	132	(5.9)	166	(5.5)	153	(9.3)	147	(6.9)	139	(7.4)
2008 .....	189	(2.9)	157	(2.8)	301	(6.5)	87	(3.4)	179	(2.9)	486	(10.4)	205	(7.5)	221	(6.1)	189	(8.0)	147	(4.2)	209	(5.6)	182	(7.7)	181	(6.8)	170	(8.2)
Number with internet access (in thousands)																												
1995 <sup>4</sup> .....	447	(—)	232	(—)	187	(—)	59	(—)	315	(—)	73	(—)	96	(—)	131	(—)	126	(—)	94	(—)	286	(—)	46	(—)	57	(—)	36	(—)
2000 .....	6,759	(174)	3,813	(136)	2,779	(113)	882	(69)	4,191	(114)	1,686	(97)	1,782	(148)	2,688	(178)	955	(111)	1,335	(91)	3,608	(139)	1,064	(80)	1,215	(93)	858	(87)
2005 .....	12,245	(274)	7,361	(246)	4,706	(151)	1,515	(98)	7,642	(239)	3,089	(162)	3,009	(173)	3,912	(238)	1,784	(193)	3,541	(239)	5,239	(259)	2,090	(176)	2,583	(228)	2,332	(146)
2008 .....	15,162	(204)	9,508	(169)	5,356	(128)	1,710	(69)	9,308	(153)	4,144	(130)	3,517	(154)	5,716	(253)	2,028	(154)	3,901	(178)	6,131	(174)	2,321	(153)	3,739	(188)	2,971	(175)
Percent with internet access																												
1995 <sup>4</sup> .....	8	(—)	7	(—)	9	(—)	7	(—)	9	(—)	6	(—)	6	(—)	9	(—)	9	(—)	8	(—)	10	(—)	6	(—)	6	(—)	4	(—)
2000 .....	77	(1.1)	72	(1.5)	85	(1.2)	78	(2.6)	76	(1.3)	80	(1.8)	70	(2.1)	79	(1.7)	83	(2.5)	79	(2.1)	82	(1.2)	77	(2.9)	76	(2.6)	62	(3.1)
2005 .....	97	(0.4)	96	(0.5)	98	(0.4)	97	(0.7)	96	(0.5)	98	(0.5)	96	(0.7)	96	(1.1)	98	(0.6)	97	(0.7)	98	(0.6)	95	(1.0)	96	(1.0)	96	(0.8)
2008 .....	98	(0.2)	98	(0.3)	99	(0.2)	98	(0.7)	98	(0.3)	99	(0.4)	97	(0.5)	99	(0.3)	98	(0.7)	98	(0.4)	99	(0.3)	98	(0.5)	98	(0.4)	97	(0.7)
<b>Ratio of students to instructional computers with internet access</b>																												
2000 .....	6.6	(0.10)	7.8	(0.20)	5.2	(0.20)	3.9	(0.30)	7.0	(0.20)	7.2	(0.30)	8.2	(0.40)	6.6	(0.20)	6.2	(0.30)	5.0	(0.30)	6.0	(0.20)	6.3	(0.40)	7.2	(0.40)	9.1	(0.70)
2005 .....	3.8	(0.10)	4.1	(0.10)	3.3	(0.10)	2.4	(0.10)	3.9	(0.10)	4.0	(0.10)	4.2	(0.20)	4.1	(0.10)	3.4	(0.20)	3.0	(0.10)	3.8	(0.10)	3.4	(0.20)	3.6	(0.20)	4.0	(0.20)
2008 .....	3.1	(0.04)	3.2	(0.05)	2.9	(0.05)	2.2	(0.07)	3.2	(0.05)	3.2	(0.06)	3.4	(0.12)	3.2	(0.08)	2.7	(0.09)	2.9	(0.07)	3.1	(0.06)	3.2	(0.08)	2.9	(0.08)	3.2	(0.14)
<b>Instructional rooms<sup>5</sup></b>																												
Number (in thousands)																												
2000 .....	2,905	(35)	1,864	(28)	972	(24)	377	(22)	1,871	(23)	657	(23)	866	(56)	1,086	(61)	413	(47)	541	(39)	1,380	(46)	465	(28)	570	(36)	482	(29)
2005 .....	3,283	(71)	2,152	(70)	1,078	(27)	426	(23)	2,152	(70)	705	(30)	849	(62)	1,050	(61)	439	(41)	945	(67)	1,339	(50)	593	(51)	695	(56)	655	(39)
2008 <sup>6</sup> .....	2,663	(21)	1,723	(20)	887	(15)	282	(9)	1,692	(20)	689	(18)	639	(26)	1,003	(35)	338	(24)	683	(28)	1,053	(27)	425	(26)	653	(27)	532	(22)
Percent with internet access <sup>6</sup>																												
1995 .....	8	(0.7)	8	(1.0)	8	(1.0)	9	(1.6)	8	(1.0)	4	(1.0)	6	(1.3)	8	(1.4)	8	(2.0)	8	(1.5)	10	(1.2)	6	(1.4)	6!	(1.9)	3!	(1.0)
2000 .....	77	(1.1)	76	(1.5)	79	(1.6)	83	(2.8)	78	(1.5)	70	(2.2)	66	(2.2)	78	(2.0)	87	(2.6)	85	(1.7)	82	(1.5)	81	(2.9)	77	(2.8)	60	(3.3)
2005 .....	94	(1.3)	93	(1.9)	95	(0.9)	92	(1.9)	94	(1.9)	94	(1.5)	88	(3.7)	96	(0.8)	98	(0.7)	95	(1.8)	96	(0.8)	88	(4.3)	96	(0.8)	91	(2.5)
2008 .....	—	(†)	—	(†)	—	(†)	—	(†)	—	(†)	—	(†)	—	(†)	—	(†)	—	(†)	—	(†)	—	(†)	—	(†)	—	(†)	—	(†)

—Not available.

†Not applicable.

<sup>1</sup>Interpret data with caution. The coefficient of variation (CV) for this estimate is between 30 and 50 percent.

<sup>2</sup>Data for combined schools are included in the totals and in analyses by other school characteristics, but are not shown separately.

<sup>3</sup>Due to definitional changes for community type, estimates for years prior to 2005 may not be directly comparable with estimates for later years.

<sup>4</sup>Free or reduced-price lunch information was obtained on the questionnaire and supplemented, if necessary, with data from the Common Core of Data (CCD).

<sup>5</sup>Includes computers used for instructional or administrative purposes.

<sup>6</sup>In 2008, instructional rooms included classrooms only and excluded computer labs and library/media centers. Prior to 2008, instructional rooms included classrooms, computer labs and other labs, library/media centers, and other rooms used for instructional purposes.

<sup>7</sup>Some data differ slightly (e.g., by 1 percent) from previously published figures.

NOTE: Detail may not sum to totals because of rounding.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Fast Response Survey System (FRSS), *Internet Access in U.S. Public Schools and Classrooms: 1994–2005 and Educational Technology in U.S. Public Schools: Fall 2008*; and unpublished tabulations. (This table was prepared August 2010.)

**Table 219.10. High school graduates, by sex and control of school: Selected years, 1869–70 through 2027–28**

School year	High school graduates							Averaged freshman graduation rate for public schools <sup>3</sup>	Population 17 years old <sup>4</sup>	Graduates as a ratio of 17-year-old population
	Sex			Control						
	Total <sup>1</sup>	Males	Females	Public <sup>2</sup>			Private, total			
				Total	Males	Females				
1	2	3	4	5	6	7	8	9	10	11
1869–70	16,000	7,064	8,936	—	—	—	—	—	815,000	2.0
1879–80	23,634	10,605	13,029	—	—	—	—	—	946,026	2.5
1889–90	43,731	18,549	25,182	21,882	—	—	21,849 <sup>5</sup>	—	1,259,177	3.5
1899–1900	94,883	38,075	56,808	61,737	—	—	33,146 <sup>5</sup>	—	1,489,146	6.4
1909–10	156,429	63,676	92,753	111,363	—	—	45,066 <sup>5</sup>	—	1,786,240	8.8
1919–20	311,266	123,684	187,582	230,902	—	—	80,364 <sup>5</sup>	—	1,855,173	16.8
1929–30	666,904	300,376	366,528	591,719	—	—	75,185 <sup>5</sup>	—	2,295,822	29.0
1939–40	1,221,475	578,718	642,757	1,143,246	538,273	604,973	78,229 <sup>5</sup>	—	2,403,074	50.8
1949–50	1,199,700	570,700	629,000	1,063,444	505,394	558,050	136,256 <sup>5</sup>	—	2,034,450	59.0
1959–60	1,858,023	895,000	963,000	1,627,050	791,426	835,624	230,973	—	2,672,000	69.5
1969–70	2,888,639	1,430,000	1,459,000	2,588,639	1,285,895	1,302,744	300,000 <sup>5</sup>	78.7	3,757,000	76.9
1975–76	3,142,120	1,552,000	1,590,000	2,837,129	1,401,064	1,436,065	304,991	74.9	4,272,000	73.6
1979–80	3,042,214	1,503,000	1,539,000	2,747,678	—	—	294,536	71.5	4,262,000	71.4
1980–81	3,020,285	1,492,000	1,528,000	2,725,285	—	—	295,000 <sup>5</sup>	72.2	4,212,000	71.7
1981–82	2,994,758	1,479,000	1,515,000	2,704,758	—	—	290,000 <sup>5</sup>	72.9	4,134,000	72.4
1982–83	2,887,604	1,426,000	1,461,000	2,597,604	—	—	290,000 <sup>5</sup>	73.8	3,962,000	72.9
1983–84	2,766,797	—	—	2,494,797	—	—	272,000 <sup>5</sup>	74.5	3,784,000	73.1
1984–85	2,676,917	—	—	2,413,917	—	—	263,000 <sup>5</sup>	74.2	3,699,000	72.4
1985–86	2,642,616	—	—	2,382,616	—	—	260,000 <sup>5</sup>	74.3	3,670,000	72.0
1986–87	2,693,803	—	—	2,428,803	—	—	265,000 <sup>5</sup>	74.3	3,754,000	71.8
1987–88	2,773,020	—	—	2,500,020	—	—	273,000 <sup>5</sup>	74.2	3,849,000	72.0
1988–89	2,743,743	—	—	2,458,800	—	—	284,943	73.4	3,842,000	71.4
1989–90 <sup>6</sup>	2,574,162	—	—	2,320,337	—	—	253,825 <sup>7</sup>	73.6	3,505,000	73.4
1990–91	2,492,988	—	—	2,234,893	—	—	258,095	73.7	3,417,913	72.9
1991–92	2,480,399	—	—	2,226,016	—	—	254,383 <sup>7</sup>	74.2	3,398,884	73.0
1992–93	2,480,519	—	—	2,233,241	—	—	247,278	73.8	3,449,143	71.9
1993–94	2,463,849	—	—	2,220,849	—	—	243,000 <sup>5</sup>	73.1	3,442,521	71.6
1994–95	2,519,084	—	—	2,273,541	—	—	245,543	71.8	3,635,803	69.3
1995–96	2,518,109	—	—	2,273,109	—	—	245,000 <sup>5</sup>	71.0	3,640,132	69.2
1996–97	2,611,988	—	—	2,358,403	—	—	253,585	71.3	3,792,207	68.9
1997–98	2,704,050	—	—	2,439,050	1,187,647	1,251,403	265,000 <sup>5</sup>	71.3	4,008,416	67.5
1998–99	2,758,655	—	—	2,485,630	1,212,924	1,272,706	273,025	71.1	3,917,885	70.4
1999–2000	2,832,844	—	—	2,553,844	1,241,631	1,312,213	279,000 <sup>5</sup>	71.7	4,056,639	69.8
2000–01	2,847,973	—	—	2,569,200	1,251,931	1,317,269	278,773	71.7	4,023,686	70.8
2001–02	2,906,534	—	—	2,621,534	1,275,813	1,345,721	285,000 <sup>5</sup>	72.6	4,023,968	72.2
2002–03	3,015,735	—	—	2,719,947	1,330,973	1,388,974	295,788	73.9	4,125,087	73.1
2003–04 <sup>6,8</sup>	3,054,438	—	—	2,753,438	1,347,800	1,405,638	301,000 <sup>5</sup>	74.3	4,113,074	74.3
2004–05	3,106,499	—	—	2,799,250	1,369,749	1,429,501	307,249	74.7	4,120,073	75.4
2005–06 <sup>6</sup>	3,122,544	—	—	2,815,544	1,376,458	1,439,086	307,000 <sup>5</sup>	73.4	4,200,554	74.3
2006–07	3,199,650	—	—	2,893,045	1,414,069	1,478,976	306,605	73.9	4,297,239	74.5
2007–08	3,312,337	—	—	3,001,337	1,467,180	1,534,157	311,000 <sup>5</sup>	74.7	4,436,955	74.7
2008–09 <sup>9</sup>	3,347,828	—	—	3,039,015	1,490,317	1,548,698	308,813	75.5	4,336,950	77.2
2009–10	3,439,022	—	—	3,128,022	1,542,684 <sup>9</sup>	1,585,338 <sup>9</sup>	311,000 <sup>5</sup>	78.2	4,311,831	79.8
2010–11	3,449,940	—	—	3,144,100	1,552,981	1,591,113	305,840	79.6	4,368,094	79.0
2011–12	3,455,405	—	—	3,149,185	1,558,489	1,590,694	306,220 <sup>5</sup>	80.8	4,294,552	80.5
2012–13	3,478,027	—	—	3,169,257	1,569,675	1,599,579	308,770	81.9	4,255,877	81.7
2013–14 <sup>10</sup>	3,479,930	—	—	3,168,450	—	—	311,480	83.1	4,184,478	83.2
2014–15 <sup>11</sup>	3,530,250	—	—	3,187,000	—	—	343,250	—	4,170,577	84.6
2015–16 <sup>10</sup>	3,563,750	—	—	3,224,140	—	—	339,620	—	4,203,031	84.8
2016–17 <sup>10</sup>	3,596,650	—	—	3,251,220	—	—	345,430	—	4,216,078	85.3
2017–18 <sup>10</sup>	3,651,200	—	—	3,295,920	—	—	355,280	—	—	—
2018–19 <sup>10</sup>	3,642,960	—	—	3,285,250	—	—	357,710	—	—	—
2019–20 <sup>10</sup>	3,596,790	—	—	3,251,990	—	—	344,800	—	—	—
2020–21 <sup>10</sup>	3,613,030	—	—	3,270,760	—	—	342,270	—	—	—
2021–22 <sup>10</sup>	3,640,400	—	—	3,290,730	—	—	349,670	—	—	—
2022–23 <sup>10</sup>	3,644,050	—	—	3,304,870	—	—	339,190	—	—	—
2023–24 <sup>10</sup>	3,705,540	—	—	3,366,150	—	—	339,390	—	—	—
2024–25 <sup>10</sup>	3,767,550	—	—	3,424,900	—	—	342,650	—	—	—
2025–26 <sup>10</sup>	3,749,110	—	—	3,412,030	—	—	337,070	—	—	—
2026–27 <sup>10</sup>	3,657,430	—	—	3,327,430	—	—	330,000	—	—	—
2027–28 <sup>10</sup>	3,651,230	—	—	3,337,020	—	—	314,210	—	—	—

—Not available.

<sup>1</sup>Includes graduates of public and private schools.

<sup>2</sup>Includes estimates for jurisdictions not reporting counts of graduates by sex. Data for 1929–30 and preceding years are from Statistics of Public High Schools and exclude graduates from high schools that failed to report to the Office of Education.

<sup>3</sup>The averaged freshman graduation rate provides an estimate of the percentage of students who receive a regular diploma within 4 years of entering ninth grade. The rate uses aggregate student enrollment data to estimate the size of an incoming freshman class and aggregate counts of the number of diplomas awarded 4 years later. Averaged freshman graduation rates in this table are based on reported totals of enrollment by grade and high school graduates, rather than on details reported by race/ethnicity.

<sup>4</sup>Derived from Current Population Reports, Series P-25. For years 1869–70 through 1989–90, 17-year-old population is an estimate of the October 17-year-old population based on July data. Data for 1990–91 and later years are October resident population estimates prepared by the Census Bureau.

<sup>5</sup>Estimated.

<sup>6</sup>Includes imputations for nonreporting states.

<sup>7</sup>Projected by private schools responding to the Private School Universe Survey.

<sup>8</sup>Includes estimates for public schools in New York and Wisconsin. Without estimates for these two states, the averaged freshman graduation rate for the remaining 48 states and the District of Columbia is 75.0 percent.

<sup>9</sup>Includes estimate for Connecticut, which did not report graduates by sex.

<sup>10</sup>Projected by NCES.

<sup>11</sup>Public school data are projected by NCES; private school data are actual.

NOTE: Includes graduates of regular day school programs. Excludes graduates of other programs, when separately reported, and recipients of high school equivalency certificates. Some data have been revised from previously published figures. Detail may not sum to totals because of rounding and adjustments to protect student privacy.

SOURCE: U.S. Department of Education, National Center for Education Statistics, *Annual Report of the Commissioner of Education, 1870 through 1910; Biennial Survey of Education in the United States, 1919–20 through 1949–50; Statistics of Public Elementary and Secondary School Systems, 1958–59 through 1980–81; Statistics of Nonpublic Elementary and Secondary Schools, 1959 through 1980; Common Core of Data (CCD), "State Nonfiscal Survey of Public Elementary/Secondary Education," 1981–82 through 2009–10; "State Dropout and Completion Data File," 2005–06 through 2012–13; *Public School Graduates and Dropouts from the Common Core of Data, 2007–08 and 2008–09; Private School Universe Survey (PSS), 1989 through 2015; and National High School Graduates Projection Model, 1972–73 through 2027–28.* U.S. Department of Commerce, Census Bureau, Current Population Reports, Series P-25, Nos. 1000, 1022, 1045, 1057, 1059, 1092, and 1095; 2000 through 2009 Population Estimates, retrieved August 14, 2012, from <http://www.census.gov/popest/data/national/asrh/2011/index.html>; and 2010 through 2017 Population Estimates, retrieved September 5, 2017, from <https://www.census.gov/data/datasets/2016/demo/popest/nation-detail.html>. (This table was prepared May 2018.)*

**Table 219.20. Public high school graduates, by region, state, and jurisdiction: Selected years, 1980–81 through 2027–28**

Region, state, and jurisdiction	Actual data								Projected data			
	1980–81	1989–90	1999–2000	2008–09	2009–10	2010–11	2011–12	2012–13	2013–14	2014–15	2015–16	2016–17
1	2	3	4	5	6	7	8	9	10	11	12	13
<b>United States</b> .....	<b>2,725,285</b>	<b>2,320,337<sup>1</sup></b>	<b>2,553,844</b>	<b>3,039,015<sup>1</sup></b>	<b>3,128,022</b>	<b>3,144,100</b>	<b>3,149,185</b>	<b>3,169,257</b>	<b>3,168,450</b>	<b>3,187,000</b>	<b>3,224,140</b>	<b>3,251,220</b>
<b>Region</b>												
Northeast .....	593,727	446,045	453,814	552,973	556,400	556,611	554,705	555,202	546,910	543,080	545,820	543,170
Midwest .....	784,071	616,700	648,020	717,536	726,844	718,779	716,072	713,662	705,550	708,240	714,040	711,810
South .....	868,068	796,385	861,498	1,068,270	1,104,770	1,119,414	1,121,400	1,138,965	1,145,570	1,162,950	1,189,220	1,218,230
West .....	479,419	461,207	590,512	700,236	740,008	749,296	757,008	761,428	770,420	772,720	775,060	778,010
<b>State</b>												
Alabama .....	44,894	40,485	37,819	42,082	43,166	46,035	45,394	44,233	44,540	45,420	46,070	47,000
Alaska .....	5,343	5,386	6,615	8,008	8,245	8,064	7,989	7,860	7,720	7,860	7,840	8,010
Arizona .....	28,416	32,103	38,304	62,374	61,145	64,472	63,208	62,208	66,700	67,200	67,120	68,240
Arkansas .....	29,577	26,475	27,335	28,057	28,276	28,205	28,419	28,928	29,610	30,350	30,290	30,910
California .....	242,172	236,291	309,866	372,310 <sup>2</sup>	404,987	410,467	418,664	422,125	424,080	422,830	419,190	417,010
Colorado .....	35,897	32,967	38,924	47,459	49,321	50,122	50,087	50,968	51,310	51,450	53,310	54,280
Connecticut .....	38,369	27,878	31,562	34,968	34,495	38,854	38,681	38,722	37,860	37,160	37,420	37,060
Delaware .....	7,349	5,550	6,108	7,839	8,133	8,043	8,247	8,070	8,240	8,390	8,480	8,620
District of Columbia <sup>3</sup> .....	4,848	3,626	2,695	3,517	3,602	3,477	3,860	3,961	3,880	3,990	4,510	4,100
Florida .....	88,755	88,934	106,708	153,461	156,130	155,493	151,964	158,029	158,440	163,740	166,540	172,310
Georgia .....	62,963	56,605	62,563	88,003	91,561	92,338	90,582	92,416	94,380	97,420	100,070	104,800
Hawaii .....	11,472	10,325	10,437	11,508	10,998	10,716	11,360	10,790	11,050	10,760	10,860	10,630
Idaho .....	12,679	11,971	16,170	16,807	17,793	17,525	17,568	17,198	19,120	18,050	18,230	18,680
Illinois .....	136,795	108,119	111,835	131,670	139,035	134,956	139,575	139,228	137,640	140,520	140,850	139,180
Indiana .....	73,381	60,012	57,012	63,663	64,551	66,133	65,667	66,595	67,560	66,750	66,720	69,170
Iowa .....	42,635	31,796	33,926	33,926	34,462	33,853	33,230	32,548	32,590	32,450	32,700	33,110
Kansas .....	29,397	25,367	29,102	30,368	31,642	31,370	31,898	31,922	32,150	31,900	32,790	33,070
Kentucky .....	41,714	38,005	36,830	41,851	42,664	43,031	42,642	42,888	42,400	42,530	43,280	43,740
Louisiana .....	46,199	36,053	38,430	35,622	36,573	35,844	36,675	37,508	38,180	37,720	38,790	39,770
Maine .....	15,554	13,839	12,211	14,093 <sup>4</sup>	14,069	13,653	13,473	13,170	12,730	12,730	12,790	12,610
Maryland .....	54,050	41,566	47,849	58,304	59,078	58,745	58,811	58,896	58,120	57,650	57,490	57,090
Massachusetts .....	74,831	55,941 <sup>5</sup>	52,950	65,258	64,462	64,724	65,157	66,360	65,200	65,790	68,630	69,310
Michigan .....	124,372	93,807	97,679	112,742	110,682	106,017	105,446	104,210	102,520	102,020	100,800	100,600
Minnesota .....	64,166	49,087	57,372	59,729	59,667	59,357	57,501	58,255	56,370	56,800	56,640	57,610
Mississippi .....	28,083	25,182	24,232	24,505	25,478	27,321	26,158	26,502	26,650	26,260	26,770	27,100
Missouri .....	60,359	48,957	52,848	62,969	63,994	62,994	61,313	61,407	60,900	60,590	61,600	61,360
Montana .....	11,634	9,370	10,903	10,077	10,075	9,732	9,750	9,369	9,470	9,390	9,320	9,420
Nebraska .....	21,411	17,664	20,149	19,501	19,370	20,331	20,464	20,442	20,580	20,650	21,090	21,460
Nevada .....	9,069	9,477	14,551	19,904 <sup>2</sup>	20,956	21,182	21,891	23,038	22,720	23,040	23,190	23,530
New Hampshire .....	11,552	10,766	11,829	14,757	15,034	14,495	14,426	14,262	13,790	13,520	13,600	13,280
New Jersey .....	93,168	69,824	74,420	95,085	96,225	95,186	93,819	96,490	95,220	95,250	97,130	97,440
New Mexico .....	17,915	14,884	18,031	17,931	18,595	19,352	20,315	19,232	18,590	19,530	19,480	19,590
New York .....	198,465	143,318	141,731	180,917	183,826	182,759	180,806	180,351	178,810	179,110	178,260	177,490
North Carolina .....	69,395	64,782	62,140	86,712	88,704	89,892	93,977	94,339	96,210	97,020	98,970	100,820
North Dakota .....	9,924	7,690	8,606	7,232	7,155	7,156	6,942	6,900	6,960	7,040	7,020	6,880
Ohio .....	143,503	114,513	111,668	122,203	123,437	124,229	123,135	122,491	119,520	120,940	125,050	120,720
Oklahoma .....	38,875	35,606	37,646	37,219	38,503	37,744	37,305	37,033	37,260	38,420	39,690	40,240
Oregon .....	28,729	25,473	30,151	35,138	34,671	34,723	34,261	33,899	34,440	34,800	35,650	35,750
Pennsylvania .....	144,645	110,527	113,959	130,658	131,182	130,284	131,733	129,777	127,200	123,560	121,840	120,740
Rhode Island .....	10,719	7,825	8,477	10,028	9,908	9,724	9,751	9,579	9,730	9,900	10,050	9,060
South Carolina .....	38,347	32,483	31,617	39,114	40,438	40,708	41,442	42,246	41,720	42,650	43,840	44,800
South Dakota .....	10,385	7,650	9,278	8,123	8,162	8,248	8,196	8,239	7,960	8,140	8,080	8,240
Tennessee .....	50,648	46,094	41,568	60,368	62,408	61,862	62,454	61,323	60,970	62,010	63,480	64,130
Texas .....	171,665	172,480	212,925	264,275	280,894	290,470	292,531	301,390	304,360	309,280	318,660	329,670
Utah .....	19,886	21,196	32,501	30,463	31,481	30,888	31,157	33,186	33,400	34,070	35,400	36,740
Vermont .....	6,424	6,127	6,675	7,209	7,199	6,932	6,859	6,491	6,360	6,240	6,090	6,180
Virginia .....	67,126	60,605	65,596	79,651	81,511	82,895	83,336	83,279	83,100	82,680	84,640	85,640
Washington .....	50,046	45,941	57,597	62,764	66,046	66,453	65,205	66,066	66,240	68,200	69,770	70,460
West Virginia .....	23,580	21,854	19,437	17,690	17,651	17,311	17,603	17,924	17,510	17,460	17,640	17,510
Wisconsin .....	67,743	52,038	58,545	65,410	64,687	64,135	62,705	61,425	60,810	60,460	60,710	60,420
Wyoming .....	6,161	5,823	6,462	5,493	5,695	5,600	5,553	5,489	5,590	5,550	5,700	5,680
<b>Jurisdiction</b>												
Bureau of Indian Education .....	—	—	—	—	—	—	—	—	—	—	—	—
DoD, overseas .....	—	—	2,642	—	—	—	—	—	—	—	—	—
DoD, domestic .....	—	—	560	—	—	—	—	—	—	—	—	—
<b>Other jurisdictions</b>												
American Samoa .....	—	703	698	—	—	—	—	—	—	—	—	—
Guam .....	—	1,033	1,406	—	—	—	—	—	—	—	—	—
Northern Marianas .....	—	227	360	—	—	—	—	—	—	—	—	—
Puerto Rico .....	—	29,049	30,856	29,286	25,514	26,231	25,720	—	—	—	—	—
U.S. Virgin Islands .....	—	1,260	1,060	940	958	1,014	1,046	897	—	—	—	—

See notes at end of table.

**Table 219.20. Public high school graduates, by region, state, and jurisdiction: Selected years, 1980–81 through 2027–28—Continued**

Region, state, and jurisdiction	Projected data											Percent change, 2012–13 to 2027–28
	2017–18	2018–19	2019–20	2020–21	2021–22	2022–23	2023–24	2024–25	2025–26	2026–27	2027–28	
1	14	15	16	17	18	19	20	21	22	23	24	25
<b>United States</b> .....	<b>3,295,920</b>	<b>3,285,250</b>	<b>3,251,990</b>	<b>3,270,760</b>	<b>3,290,730</b>	<b>3,304,870</b>	<b>3,366,150</b>	<b>3,424,900</b>	<b>3,412,030</b>	<b>3,327,430</b>	<b>3,337,020</b>	<b>5.3</b>
<b>Region</b>												
Northeast .....	540,610	533,930	524,900	527,400	525,660	521,000	524,400	531,230	526,250	514,400	513,890	-7.4
Midwest .....	715,940	712,710	703,920	704,900	711,830	706,050	716,940	728,810	722,070	701,560	696,640	-2.4
South .....	1,249,590	1,255,480	1,242,520	1,246,810	1,254,840	1,270,910	1,300,130	1,341,510	1,344,230	1,322,590	1,331,360	16.9
West .....	789,770	783,130	780,660	791,650	798,400	806,910	824,680	823,360	819,490	788,880	795,130	4.4
<b>State</b>												
Alabama .....	45,950	44,480	43,270	42,250	42,200	42,390	42,480	43,920	44,100	43,120	43,030	-2.7
Alaska .....	8,140	8,090	7,860	7,880	8,020	8,130	8,490	8,800	8,880	8,880	9,040	15.0
Arizona .....	68,750	67,620	67,180	67,540	68,400	69,890	71,830	74,350	74,700	71,990	72,010	15.8
Arkansas .....	31,120	30,960	30,990	30,420	30,400	30,120	30,030	32,090	31,950	30,980	30,940	7.0
California .....	424,290	417,760	415,300	421,270	423,190	427,220	435,660	421,830	416,210	397,230	398,310	-5.6
Colorado .....	56,060	57,040	57,650	59,200	59,280	59,700	60,770	61,920	61,980	60,800	60,860	19.4
Connecticut .....	36,800	35,970	35,200	35,790	34,960	34,640	34,040	34,420	33,390	32,530	31,970	-17.4
Delaware .....	9,070	8,720	8,870	9,050	9,070	9,340	9,640	9,640	9,890	9,740	9,810	21.6
District of Columbia <sup>3</sup> .....	3,970	4,130	3,990	4,030	4,100	4,420	4,740	5,170	5,240	5,280	5,680	43.3
Florida .....	176,230	178,560	175,100	176,700	180,470	183,840	195,120	199,060	200,790	196,890	200,000	26.6
Georgia .....	108,060	108,290	106,750	106,110	107,370	108,640	110,840	113,780	114,340	111,620	111,910	21.1
Hawaii .....	11,020	10,370	10,840	10,950	11,110	11,360	11,370	11,660	11,650	8,650	11,540	7.0
Idaho .....	18,770	19,070	19,060	19,110	19,500	19,930	19,780	20,330	20,210	19,450	19,540	13.6
Illinois .....	139,880	138,100	139,650	141,240	142,220	142,650	144,630	146,670	145,230	137,770	135,500	-2.7
Indiana .....	69,160	70,820	67,700	66,190	67,630	66,350	67,980	68,330	68,210	66,380	66,290	-0.5
Iowa .....	33,710	33,380	33,410	33,930	33,940	34,420	35,190	35,830	35,960	34,990	34,950	7.4
Kansas .....	33,390	33,310	32,820	33,230	33,200	33,130	33,690	34,380	34,190	33,280	33,240	4.1
Kentucky .....	44,390	44,530	43,340	43,700	43,710	43,990	44,870	45,840	45,100	44,330	44,300	3.3
Louisiana .....	41,400	41,340	40,800	40,100	40,990	41,900	40,580	43,260	43,010	41,820	41,710	11.2
Maine .....	12,390	12,290	12,030	11,930	12,050	12,120	11,910	12,070	11,760	11,590	11,370	-13.7
Maryland .....	58,680	57,060	59,060	59,580	60,060	60,650	62,140	64,340	65,090	63,700	64,270	9.1
Massachusetts .....	69,750	70,430	69,970	70,250	70,350	69,460	69,470	70,910	70,750	68,770	68,300	2.9
Michigan .....	100,620	100,580	97,370	95,850	96,560	94,320	94,860	94,800	91,080	88,670	88,220	-15.3
Minnesota .....	58,260	58,910	58,460	59,930	61,670	61,550	63,080	64,890	65,110	63,620	63,540	9.1
Mississippi .....	27,830	27,070	26,370	25,680	25,820	25,560	25,140	27,270	26,550	25,590	25,310	-4.5
Missouri .....	61,750	61,230	60,420	60,530	60,890	61,130	61,800	63,070	62,670	60,930	60,820	-1.0
Montana .....	9,290	9,490	9,600	9,610	9,850	9,830	10,350	10,340	10,590	10,270	10,330	10.3
Nebraska .....	22,210	22,360	22,590	22,980	23,490	23,230	23,630	22,480	24,290	24,290	23,600	15.4
Nevada .....	23,930	24,470	24,750	24,680	24,930	25,850	26,700	28,000	28,030	27,240	27,570	19.7
New Hampshire .....	13,220	12,990	12,870	12,660	12,710	12,330	12,350	12,240	11,990	11,760	11,660	-18.2
New Jersey .....	95,810	95,020	93,610	94,790	95,400	93,860	94,840	96,420	94,960	92,950	93,000	-3.6
New Mexico .....	18,990	18,150	18,270	18,170	18,240	18,340	18,450	18,980	18,880	18,390	18,210	-5.3
New York .....	178,980	174,810	172,650	172,840	171,130	172,080	174,600	176,620	176,150	173,240	174,250	-3.4
North Carolina .....	103,330	104,920	103,160	103,300	96,280	102,510	105,240	108,090	108,400	106,960	106,610	13.0
North Dakota .....	6,860	7,090	7,160	7,440	7,760	7,840	8,330	8,620	8,880	9,060	9,090	31.7
Ohio .....	120,830	118,750	116,890	115,830	115,580	112,840	115,020	119,240	116,890	114,200	113,270	-7.5
Oklahoma .....	40,990	41,060	41,230	41,680	41,830	40,310	42,540	43,930	43,930	43,970	44,040	18.9
Oregon .....	35,690	35,760	35,220	35,730	36,370	36,230	37,390	38,540	38,690	37,760	38,110	12.4
Pennsylvania .....	118,460	116,740	112,960	113,610	113,350	110,900	111,690	112,710	111,660	108,620	108,510	-16.4
Rhode Island .....	9,350	9,900	9,930	9,900	10,080	9,880	9,990	10,070	9,840	9,580	9,490	-0.9
South Carolina .....	45,870	46,330	45,480	45,390	45,810	46,650	48,180	50,530	50,490	50,480	50,640	19.9
South Dakota .....	8,160	8,090	8,190	8,330	8,600	8,960	9,040	9,400	9,390	9,150	9,220	11.9
Tennessee .....	64,850	64,190	63,260	62,900	63,050	63,860	65,460	66,980	65,950	63,050	63,250	3.1
Texas .....	342,170	349,450	347,050	352,780	358,910	362,690	368,170	380,130	382,780	381,150	385,710	28.0
Utah .....	37,720	38,270	38,840	40,080	40,870	40,920	42,110	43,360	43,370	42,260	42,420	27.8
Vermont .....	5,860	5,790	5,690	5,630	5,630	5,730	5,530	5,760	5,750	5,360	5,330	-17.9
Virginia .....	88,000	87,030	86,530	86,300	87,840	87,380	88,700	90,730	90,080	87,890	88,190	5.9
Washington .....	71,400	71,280	70,350	71,450	72,630	73,210	75,420	78,640	79,820	79,580	80,860	22.4
West Virginia .....	17,680	17,350	17,270	16,850	16,950	16,660	16,310	16,750	16,540	16,040	15,960	-11.0
Wisconsin .....	61,130	60,100	59,270	59,430	60,310	59,640	59,680	61,100	60,170	59,230	58,890	-4.1
Wyoming .....	5,740	5,770	5,740	5,990	6,010	6,300	6,380	6,600	6,490	6,380	6,330	15.3
<b>Jurisdiction</b>												
Bureau of Indian Education .....	—	—	—	—	—	—	—	—	—	—	—	—
DoD, overseas .....	—	—	—	—	—	—	—	—	—	—	—	—
DoD, domestic .....	—	—	—	—	—	—	—	—	—	—	—	—
<b>Other jurisdictions</b>												
American Samoa .....	—	—	—	—	—	—	—	—	—	—	—	—
Guam .....	—	—	—	—	—	—	—	—	—	—	—	—
Northern Marianas .....	—	—	—	—	—	—	—	—	—	—	—	—
Puerto Rico .....	—	—	—	—	—	—	—	—	—	—	—	—
U.S. Virgin Islands .....	—	—	—	—	—	—	—	—	—	—	—	—

—Not available.

<sup>1</sup>U.S. total includes estimates for nonreporting states.

<sup>2</sup>Estimated high school graduates from NCES 2011–312, *Public School Graduates and Dropouts from the Common Core of Data: School Year 2008–09*.

<sup>3</sup>Beginning in 1989–90, graduates from adult programs are excluded.

<sup>4</sup>Includes 1,161 graduates in 2007–08 and 1,169 graduates in 2008–09 from private high schools that received a majority of their funding from public sources.

<sup>5</sup>Projected data from NCES 91–490, *Projections of Education Statistics to 2002*.

NOTE: Data include regular diploma recipients, but exclude students receiving a certificate of attendance and persons receiving high school equivalency certificates.

DoD = Department of Defense. Some data have been revised from previously published figures. Detail may not sum to totals because of rounding.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Common Core of Data (CCD), "State Nonfiscal Survey of Public Elementary/Secondary Education," 1981–82 through 2005–06; "State Dropout and Completion Data File," 2005–06 through 2012–13; *Public School Graduates and Dropouts from the Common Core of Data, 2007–08 and 2008–09*; and State High School Graduates Projection Model, 1980–81 through 2027–28. (This table was prepared May 2018.)

**Table 219.30. Public high school graduates, by race/ethnicity: 1998–99 through 2027–28**

Year	Number of high school graduates							Percentage distribution of graduates						
	Total	White	Black	Hispanic	Asian/ Pacific Islander	American Indian/ Alaska Native	Two or more races	Total	White	Black	Hispanic	Asian/ Pacific Islander	American Indian/ Alaska Native	Two or more races
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
1998–99	2,485,630	1,749,561	325,708	270,836	115,216	24,309	—	100.0	70.4	13.1	10.9	4.6	1.0	†
1999–2000	2,553,844	1,778,370	338,116	289,139	122,344	25,875	—	100.0	69.6	13.2	11.3	4.8	1.0	†
2000–01	2,569,200	1,775,036	339,578	301,740	126,465	26,381	—	100.0	69.1	13.2	11.7	4.9	1.0	†
2001–02	2,621,534	1,796,110	348,969	317,197	132,182	27,076	—	100.0	68.5	13.3	12.1	5.0	1.0	†
2002–03	2,719,947	1,856,454	359,920	340,182	135,588	27,803	—	100.0	68.3	13.2	12.5	5.0	1.0	†
2003–04	2,753,438	1,829,177	383,443	374,492	137,496	28,830	—	100.0	66.4	13.9	13.6	5.0	1.0	†
2004–05	2,799,250	1,855,198	385,987	383,714	143,729	30,622	—	100.0	66.3	13.8	13.7	5.1	1.1	†
2005–06	2,815,544	1,838,765	399,406	396,820	150,925	29,628	—	100.0	65.3	14.2	14.1	5.4	1.1	†
2006–07	2,893,045	1,868,056	418,113	421,036	154,837	31,003	—	100.0	64.6	14.5	14.6	5.4	1.1	†
2007–08	3,001,337	1,898,367	429,840	448,887	159,410	32,036	32,797 <sup>1</sup>	100.0	63.3	14.3	15.0	5.3	1.1	1.1 <sup>1</sup>
2008–09	3,039,015	1,883,382	451,384	481,698	163,575	32,213	26,763 <sup>1</sup>	100.0	62.0	14.9	15.9	5.4	1.1	0.9 <sup>1</sup>
2009–10	3,128,022	1,871,980	472,261	545,518	167,840	34,131	36,292 <sup>1</sup>	100.0	59.8	15.1	17.4	5.4	1.1	1.2 <sup>1</sup>
2010–11	3,144,100	1,835,332	471,461	583,907	168,875	32,768	51,748	100.0	58.4	15.0	18.6	5.4	1.0	1.6
2011–12	3,149,185	1,807,528	467,932	608,726	173,835	32,450	58,703	100.0	57.4	14.9	19.3	5.5	1.0	1.9
2012–13	3,169,257	1,791,147	461,919	640,413	179,101	31,100	65,569	100.0	56.5	14.6	20.2	5.7	1.0	2.1
2013–14 <sup>2</sup>	3,168,450	1,769,050	454,270	661,020	181,900	30,180	72,030	100.0	55.8	14.3	20.9	5.7	1.0	2.3
2014–15 <sup>2</sup>	3,187,000	1,750,350	459,300	685,900	185,170	30,060	76,220	100.0	54.9	14.4	21.5	5.8	0.9	2.4
2015–16 <sup>2</sup>	3,224,140	1,746,430	465,320	713,740	185,070	30,230	83,350	100.0	54.2	14.4	22.1	5.7	0.9	2.6
2016–17 <sup>2</sup>	3,251,220	1,730,250	470,540	743,880	187,370	30,050	89,140	100.0	53.2	14.5	22.9	5.8	0.9	2.7
2017–18 <sup>2</sup>	3,295,920	1,724,780	474,270	779,380	197,030	29,550	90,910	100.0	52.3	14.4	23.6	6.0	0.9	2.8
2018–19 <sup>2</sup>	3,285,250	1,701,620	467,340	799,180	196,470	28,210	92,430	100.0	51.8	14.2	24.3	6.0	0.9	2.8
2019–20 <sup>2</sup>	3,251,990	1,661,750	456,410	809,970	200,130	29,360	94,370	100.0	51.1	14.0	24.9	6.2	0.9	2.9
2020–21 <sup>2</sup>	3,270,760	1,660,190	443,640	832,330	208,930	29,060	96,610	100.0	50.8	13.6	25.4	6.4	0.9	3.0
2021–22 <sup>2</sup>	3,290,730	1,649,850	441,680	858,060	213,510	29,080	98,560	100.0	50.1	13.4	26.1	6.5	0.9	3.0
2022–23 <sup>2</sup>	3,304,870	1,625,590	445,270	891,980	213,080	28,420	100,530	100.0	49.2	13.5	27.0	6.4	0.9	3.0
2023–24 <sup>2</sup>	3,366,150	1,622,000	458,980	940,170	213,960	28,310	102,730	100.0	48.2	13.6	27.9	6.4	0.8	3.1
2024–25 <sup>2</sup>	3,424,900	1,631,020	473,290	969,120	218,170	28,230	105,070	100.0	47.6	13.8	28.3	6.4	0.8	3.1
2025–26 <sup>2</sup>	3,412,030	1,602,920	474,000	978,830	221,340	27,510	107,440	100.0	47.0	13.9	28.7	6.5	0.8	3.1
2026–27 <sup>2</sup>	3,327,430	1,552,920	461,830	958,990	216,070	27,200	110,420	100.0	46.7	13.9	28.8	6.5	0.8	3.3
2027–28 <sup>2</sup>	3,337,020	1,541,180	457,720	975,070	223,040	27,020	113,000	100.0	46.2	13.7	29.2	6.7	0.8	3.4

—Not available.

†Not applicable.

<sup>1</sup>Data on students of Two or more races were not reported by all states; therefore, the data are not comparable to figures for 2010–11 and later years.

<sup>2</sup>Projected.

NOTE: Race categories exclude persons of Hispanic ethnicity. Prior to 2007–08, data on students of Two or more races were not collected separately. Some data have been revised

from previously published figures. Detail may not sum to totals because of rounding and statistical methods used to prevent the identification of individual students.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Common Core of Data (CCD), "State Nonfiscal Survey of Public Elementary/Secondary Education," 1981–82 through 2005–06; "State Dropout and Completion Data File," 2005–06 through 2012–13; and National Public High School Graduates by Race/Ethnicity Projections Model, 1995–96 through 2027–28. (This table was prepared May 2018.)

**Table 219.32. Public high school graduates, by sex, race/ethnicity, and state or jurisdiction: 2012–13**

State or jurisdiction	Total, male and female									Male						Female							
	Total	White	Black	Hispanic	Asian/Pacific Islander			American Indian/Alaska Native	Two or more races	Total	White	Black	Hispanic	Asian/Pacific Islander	American Indian/Alaska Native	Two or more races	Total	White	Black	Hispanic	Asian/Pacific Islander	American Indian/Alaska Native	Two or more races
					Total	Asian	Pacific Islander																
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
<b>United States</b> .....	<b>3,169,257</b>	<b>1,791,147</b>	<b>461,919</b>	<b>640,413</b>	<b>179,101</b>	<b>168,782</b>	<b>10,319</b>	<b>31,100</b>	<b>65,569</b>	<b>1,569,675</b>	<b>899,883</b>	<b>219,989</b>	<b>312,878</b>	<b>90,150</b>	<b>15,407</b>	<b>31,370</b>	<b>1,599,579</b>	<b>891,264</b>	<b>241,930</b>	<b>327,535</b>	<b>88,959</b>	<b>15,692</b>	<b>34,200</b>
Alabama .....	44,233	26,963	14,709	1,338	595	574	21	486	142	21,701	13,618	6,815	675	284	246	63	22,532	13,345	7,894	663	311	240	79
Alaska .....	7,860	4,428	271	482	725	567	158	1,495	459	3,945	2,224	133	238	379	738	233	3,915	2,204	138	244	346	757	226
Arizona .....	62,208	29,357	3,332	23,542	2,313	2,166	147	2,837	827	30,337	14,505	1,635	11,281	1,185	1,348	383	31,871	14,852	1,697	12,261	1,128	1,489	444
Arkansas .....	28,928	19,426	6,007	2,413	513	428	85	180	389	14,369	9,787	2,815	1,235	262	90	180	14,559	9,639	3,192	1,178	251	90	209
California .....	422,125	125,492	27,069	198,993	57,667	55,083	2,584	2,998	9,906	208,126	62,954	13,102	96,324	29,437	1,441	4,868	213,999	62,538	13,967	102,669	28,230	1,557	5,038
Colorado .....	50,968	31,552	2,441	13,219	1,916	1,797	119	432	1,408	25,170	15,703	1,234	6,434	911	213	675	25,798	15,849	1,207	6,785	1,005	219	733
Connecticut .....	38,722	25,828	4,758	5,838	1,707	1,642	65	142	449	19,435	13,084	2,368	2,859	831	75	218	19,287	12,744	2,390	2,979	876	67	231
Delaware .....	8,070	4,334	2,561	805	295	292	<3	26	46	3,948	2,144	1,229	381	159	13	22	4,122	2,190	1,332	424	139	13	24
District of Columbia .....	3,961	142	3,028	422	59	54	5	7	303	1,732	64	1,285	192	26	<3	164	2,228	78	1,743	230	34	4	139
Florida .....	158,029	73,953	32,454	42,010	4,804	4,652	152	629	4,179	77,301	36,500	15,484	20,638	2,372	326	1,981	80,728	37,453	16,970	21,372	2,432	303	2,198
Georgia .....	92,416	44,875	32,811	8,275	3,776	3,699	77	207	2,472	44,872	22,315	15,271	4,062	1,954	101	1,169	47,544	22,560	17,540	4,213	1,822	106	1,303
Hawaii .....	10,790	1,379	224	504	8,017	4,753	3,264	42	624	5,350	659	103	240	3,997	21	330	5,440	720	121	264	4,020	21	294
Idaho .....	17,198	13,883	199	2,375	329	258	71	198	214	8,524	6,914	102	1,137	168	99	104	8,674	6,969	97	1,238	161	99	110
Illinois .....	139,228	80,496	22,016	26,687	6,390	6,278	112	363	3,276	68,855	40,673	10,235	12,992	3,199	201	1,555	70,373	39,823	11,781	13,695	3,191	162	1,721
Indiana .....	66,595	51,519	6,877	4,643	1,209	1,176	33	223	2,124	32,674	25,530	3,150	2,263	593	106	1,032	33,921	25,989	3,727	2,380	616	117	1,092
Iowa .....	32,548	27,495	1,314	2,228	724	687	37	154	633	16,388	13,871	674	1,095	358	76	314	16,160	13,624	640	1,133	366	78	319
Kansas .....	31,922	22,933	2,235	4,352	801	756	45	369	1,232	16,057	11,654	1,125	2,131	396	196	555	15,865	11,279	1,110	2,221	405	173	677
Kentucky .....	42,888	35,865	4,581	1,236	577	550	27	119	510	21,653	18,215	2,237	609	297	56	239	21,235	17,650	2,344	627	280	63	271
Louisiana .....	37,508	19,635	15,307	1,259	747	722	25	272	288	17,728	9,529	6,974	600	379	130	116	19,780	10,106	8,333	659	368	142	172
Maine .....	13,170	12,175	319	191	294	284	10	92	99	6,660	6,162	157	104	145	47	45	6,510	6,013	162	87	149	45	54
Maryland .....	58,896	27,409	20,361	5,463	3,752	3,700	52	246	1,665	29,049	13,791	9,715	2,756	1,863	133	791	29,847	13,618	10,646	2,707	1,889	113	874
Massachusetts .....	66,360	47,254	5,870	7,941	3,874	3,800	74	153	1,268	33,048	23,642	2,859	3,937	1,934	82	594	33,312	23,612	3,011	4,004	1,940	71	674
Michigan .....	104,210	77,503	16,949	3,324	3,087	2,973	114	833	2,514	51,453	38,637	7,974	1,658	1,582	418	1,184	52,757	38,866	8,975	1,666	1,505	415	1,330
Minnesota .....	58,255	46,012	4,231	2,827	3,670	3,644	26	664	851	29,164	23,177	2,113	1,398	1,773	322	381	29,091	22,835	2,118	1,429	1,897	342	470
Mississippi .....	26,502	12,883	12,740	448	304	297	7	44	83	12,382	6,256	5,687	230	154	21	34	14,120	6,627	7,053	218	150	23	49
Missouri .....	61,407	47,112	9,671	2,317	1,273	1,202	71	283	751	31,258	24,158	4,764	1,172	666	142	356	30,149	22,954	4,907	1,145	607	141	395
Montana .....	9,369	8,041	65	281	128	109	19	738	116	4,794	4,122	34	154	60	366	58	4,575	3,919	31	127	68	372	58
Nebraska .....	20,442	15,329	1,264	2,666	413	393	20	230	540	10,340	7,815	615	1,318	207	124	261	10,102	7,514	649	1,348	206	106	279
Nevada .....	23,038	10,028	1,873	7,548	2,064	1,735	329	230	1,295	10,953	4,820	904	3,480	1,030	111	608	12,085	5,208	969	4,068	1,034	119	687
New Hampshire .....	14,262	13,022	261	457	353	344	9	37	132	7,176	6,569	143	214	175	15	60	7,086	6,453	118	243	178	22	72
New Jersey .....	96,490	54,591	14,930	17,711	8,788	8,555	233	111	359	48,698	27,864	7,409	8,736	4,453	48	188	47,792	26,727	7,521	8,975	4,335	63	171
New Mexico .....	19,232	5,509	426	10,628	303	288	15	2,146	220	9,390	2,745	218	5,114	155	1,054	104	9,842	2,764	208	5,514	148	1,092	116
New York <sup>1</sup> .....	180,351	98,641	30,059	33,532	16,496	16,295	201	785	838	88,740	49,507	14,149	16,174	8,169	376	365	91,611	49,134	15,910	17,358	8,327	409	473
North Carolina .....	94,339	52,914	25,497	9,078	2,568	2,482	86	1,301	2,981	46,526	26,687	12,125	4,412	1,239	660	1,403	47,813	26,227	13,372	4,666	1,329	641	1,578
North Dakota .....	6,900	6,051	164	134	103	92	11	417	31	3,486	3,073	81	70	56	194	12	3,414	2,978	83	64	47	223	19
Ohio .....	122,491	96,889	16,229	3,286	2,100	2,054	46	154	3,833	61,315	48,901	7,768	1,659	1,030	86	1,871	61,176	47,988	8,461	1,627	1,070	68	1,962
Oklahoma .....	37,033	21,386	3,434	3,601	928	857	71	6,441	1,243	18,444	10,761	1,670	1,756	450	3,205	602	18,589	10,625	1,764	1,845	478	3,236	641
Oregon .....	33,899	23,534	848	5,807	1,723	1,535	188	514	1,473	16,610	11,688	379	2,737	846	232	728	17,289	11,846	469	3,070	877	282	745
Pennsylvania .....	129,777	97,199	17,765	8,706	4,429	4,344	85	163	1,515	65,092	49,267	8,544	4,285	2,207	78	711	64,685	47,932	9,221	4,421	2,222	85	804
Rhode Island .....	9,579	6,582	770	1,740	298	282	16	36	153	4,749	3,305	371	842	141	19	71	4,830	3,277	399	898	157	17	82
South Carolina .....	42,246	23,802	14,769	2,070	707	647	60	123	775	20,566	11,845	6,945	1,022	351	65	338	21,680	11,957	7,824	1,048	356	58	437
South Dakota .....	8,239	7,025	209	229	149	144	5	543	83	4,147	3,553	104	101	75	274	40	4,092	3,472	105	128	75	269	43
Tennessee .....	61,323	42,682	14,509	2,800	1,185	1,113	72	147	—	30,378	21,452	6,836	1,408	601	82	—	30,943	21,230	7,673	1,392	584	65	—
Texas .....	301,390	104,466	38,772	139,783	12,044	11,650	394	1,311	5,014	151,002	53,036	19,177	69,495	6,174	701	2,419	150,388	51,430	19,595	70,288	5,870	610	2,595
Utah .....	33,186	26,757	402	4,100	1,135	669	466	373	419	16,436	13,259	212	1,994	613	165	193	16,750	13,498	190	2,106	522		

**Table 219.32. Public high school graduates, by sex, race/ethnicity, and state or jurisdiction: 2012–13—Continued**

State or jurisdiction	Total, male and female										Male						Female						
	Total	White	Black	Hispanic	Asian/Pacific Islander			American Indian/Alaska Native	Two or more races	Total	White	Black	Hispanic	Asian/Pacific Islander	American Indian/Alaska Native	Two or more races	Total	White	Black	Hispanic	Asian/Pacific Islander	American Indian/Alaska Native	Two or more races
					Total	Asian	Pacific Islander																
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
Vermont .....	6,491	5,949	135	83	152	143	9	12	160	3,317	3,051	57	43	71	4	91	3,174	2,898	78	40	81	8	69
Virginia .....	83,279	47,825	18,565	8,055	5,293	5,183	110	265	3,276	41,383	24,168	8,820	4,000	2,710	130	1,555	41,896	23,657	9,745	4,055	2,583	135	1,721
Washington .....	66,066	43,132	2,905	10,092	5,826	5,380	446	740	3,371	32,368	21,235	1,416	4,860	2,865	381	1,611	33,698	21,897	1,489	5,232	2,961	359	1,760
West Virginia .....	17,924	16,572	917	174	134	131	≤3	19	105	9,033	8,344	475	84	69	13	48	8,891	8,228	442	90	68	6	57
Wisconsin .....	61,425	48,675	4,754	4,155	2,297	2,268	29	682	862	30,832	24,717	2,263	2,024	1,070	341	417	30,593	23,958	2,491	2,131	1,227	341	445
Wyoming .....	5,489	4,643	62	565	67	55	12	88	64	2,721	2,333	34	255	29	40	30	2,768	2,310	28	310	38	48	34
Bureau of Indian Education ..	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
DoD, overseas .....	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
DoD, domestic .....	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Other jurisdictions																							
American Samoa .....	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Guam .....	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Northern Marianas .....	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Puerto Rico .....	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
U.S. Virgin Islands .....	897	7	727	139	≤3	≤3	≤3	≤3	20	383	≤3	321	55	≤3	≤3	≤3	514	4	406	84	≤3	≤3	17

—Not available.  
 1Distribution of Asian and Pacific Islander students is estimated by the National Center for Education Statistics.  
 NOTE: Race categories exclude persons of Hispanic ethnicity. DoD = Department of Defense. To protect the confidentiality of individual students, small cell sizes have been bottom coded to less than or equal to three. Detail may not sum to totals because of statistical methods used to prevent the identification of individual students.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Common Core of Data (CCD), "State Dropout and Completion Data File," 2012–13. (This table was prepared January 2016.)

**Table 219.35. Public high school averaged freshman graduation rate (AFGR), by state or jurisdiction: Selected years, 1990–91 through 2012–13**

State or jurisdiction	1990–91	1995–96	1999–2000	2000–01	2002–03	2003–04	2004–05	2005–06	2006–07	2007–08	2008–09	2009–10	2010–11	2011–12	2012–13
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
<b>United States</b> .....	<b>73.7</b>	<b>71.0</b>	<b>71.7</b>	<b>71.7</b>	<b>73.9</b>	<b>74.3<sup>1</sup></b>	<b>74.7</b>	<b>73.4<sup>2</sup></b>	<b>73.9</b>	<b>74.7</b>	<b>75.5<sup>2</sup></b>	<b>78.2</b>	<b>79.6</b>	<b>80.8</b>	<b>81.9</b>
Alabama .....	69.8	62.7	64.1	63.7	64.7	65.0	65.9	66.2	67.1	69.0	69.9	71.8	76.1	75.1	74.2
Alaska .....	74.6	68.3	66.7	68.0	68.0	67.2	64.1	66.5	69.0	69.1	72.6	75.5	77.9	78.6	79.9
Arizona .....	76.7	60.8	63.6	74.2	75.9	66.8	84.7	70.5	69.6	70.7	72.5	74.7	78.9	77.3	76.5
Arkansas .....	76.6	74.2	74.6	73.9	76.6	76.8	75.7	80.4	74.4	76.4	74.0	75.0	77.0	78.1	80.1
California .....	69.6	67.6	71.7	71.6	74.1	73.9	74.6	69.2	70.7	71.2	71.0 <sup>3</sup>	78.2	79.7	81.7	83.6
Colorado .....	76.3	74.8	74.1	73.2	76.4	78.7	76.7	75.5	76.6	75.4	77.6	79.8	82.0	82.3	83.3
Connecticut .....	80.2	76.1	81.9	77.5	80.9	80.7	80.9	80.9	81.8	82.2	75.4	75.1	84.7	86.1	87.4
Delaware .....	72.5	70.4	66.8	71.0	73.0	72.9	73.0	76.3	71.9	72.1	73.7	75.5	76.1	77.1	77.0
District of Columbia .....	54.5	49.7	54.5	60.2	59.6	68.2	66.3	65.4 <sup>4</sup>	54.8	56.0	62.4	59.9	64.9	70.8	77.7
Florida .....	65.6	62.3	61.0	61.2	66.7	66.4	64.6	63.6	65.0	66.9	68.9	70.8	72.0	74.7	75.8
Georgia .....	70.3	61.9	59.7	58.7	60.8	61.2	61.7	62.4	64.1	65.4	67.8	69.9	69.6	69.6	70.5
Hawaii .....	75.9	74.5	70.9	68.3	71.3	72.6	75.1	75.5	75.4	76.0	75.3	75.4	73.7	77.9	78.0
Idaho .....	79.6	80.5	79.4	79.6	81.4	81.5	81.0	80.5	80.4	80.1	80.6	84.0	83.2	83.9	82.1
Illinois .....	76.6	75.2	76.3	75.6	75.9	80.3	79.4	79.7	79.5	80.4	77.7	81.9	80.0	82.1	82.7
Indiana .....	76.9	73.6	71.8	72.1	75.5	73.5	73.2	73.3	73.9	74.1	75.2	77.2	79.9	80.0	81.0
Iowa .....	84.4	84.3	83.1	82.8	85.3	85.8	86.6	86.9	86.5	86.4	85.7	87.9	89.0	89.3	89.4
Kansas .....	80.8	77.1	77.1	76.5	76.9	77.9	79.2	77.5	78.8	79.0	80.2	84.5	86.5	88.3	88.4
Kentucky .....	72.9	71.3	69.7	69.8	71.7	73.0	75.9	77.2	76.4	74.4	77.6	79.9	80.9	81.9	83.1
Louisiana .....	57.5	61.7	62.2	63.7	64.1	69.4	63.9	59.5	61.3	63.5	67.3	68.8	71.2	71.9	72.7
Maine .....	80.7	73.7	75.9	76.4	76.3	77.6	78.6	76.3	78.5	79.1 <sup>5</sup>	79.9 <sup>5</sup>	82.8 <sup>6</sup>	85.7	86.7	87.5
Maryland .....	77.5	78.3	77.6	78.7	79.2	79.5	79.3	79.9	80.0	80.4	80.1	82.2	83.8	84.5	85.6
Massachusetts .....	79.1	78.0	78.0	78.9	75.7	79.3	78.7	79.5	80.8	81.5	83.3	82.6	85.4	86.5	88.4
Michigan .....	72.1	71.4	75.3	75.4	74.0	72.5	73.0	72.2	77.0	76.3	75.3	75.9	74.7	77.5	78.3
Minnesota .....	90.8	86.1	84.9	83.6	84.8	84.7	85.9	86.2	86.5	86.4	87.4	88.2	89.2	88.4	91.0
Mississippi .....	63.3	59.7	59.4	59.7	62.7	62.7	63.3	63.5	63.5	63.9	62.0	63.8	68.5	67.3	68.4
Missouri .....	76.0	75.0	76.3	75.5	78.3	80.4	80.6	81.0	81.9	82.4	83.1	83.7	84.7	85.9	86.6
Montana .....	84.4	83.9	80.8	80.0	81.0	80.4	81.5	81.9	81.5	82.0	82.0	81.9	83.7	85.7	84.7
Nebraska .....	86.7	85.6	85.7	83.8	85.2	87.6	87.8	87.0	86.3	83.8	82.9	83.8	89.8	92.7	93.3
Nevada .....	77.0	65.8	69.7	70.0	72.3	57.4	55.8	55.8	54.2	56.3	56.3 <sup>3</sup>	57.8	58.7	59.5	67.5
New Hampshire .....	78.6	77.5	76.1	77.8	78.2	78.7	80.1	81.1	81.7	83.3	84.3	86.3	86.6	87.0	87.3
New Jersey .....	81.4	82.8	83.6	85.4	87.0	86.3	85.1	84.8	84.4	84.6	85.3	87.2	86.6	86.4	89.1
New Mexico .....	70.1	63.7	64.7	65.9	63.1	67.0	65.4	67.3	59.1	66.8	64.8	67.3	70.7	74.3	71.6
New York .....	66.1	63.6	61.8	61.5	60.9	60.9 <sup>7</sup>	65.3	67.4	68.9	70.9	73.5	76.0	77.6	77.1	78.5
North Carolina .....	71.3	66.5	65.8	66.5	70.1	71.4	72.6	71.8	68.6	72.8	75.1	76.9	76.8	78.7	80.5
North Dakota .....	87.6	89.5	86.0	85.4	86.4	86.1	86.3	82.2	83.1	83.8	87.4	88.4	90.2	91.1	91.4
Ohio .....	77.5	74.5	75.2	76.5	79.0	81.3	80.2	79.2	78.7	79.0	79.6	81.4	82.3	83.9	84.9
Oklahoma .....	76.5	75.6	75.8	75.8	76.0	77.0	76.9	77.8	77.8	78.0	77.3	78.5	79.9	79.3	79.4
Oregon .....	72.7	68.3	69.6	68.3	73.7	74.2	74.2	73.0	73.8	76.7	76.5	76.3	78.1	78.0	76.8
Pennsylvania .....	79.7	80.0	78.7	79.0	81.7	82.2	82.5	83.5 <sup>4</sup>	83.0	82.7	80.5	84.1	85.8	88.3	88.4
Rhode Island .....	75.0	72.7	72.8	73.5	77.7	75.9	78.4	78.4	76.4	75.3	76.4	75.3	76.6	77.1	79.0
South Carolina .....	66.6	60.9	58.6	56.5	59.7	60.6	60.1	61.0 <sup>4</sup>	58.9	62.2	66.0	68.2	69.0	71.6	74.2
South Dakota .....	83.8	84.5	77.6	77.4	83.0	83.7	82.3	84.5	82.5	84.4	81.7	81.8	81.6	83.1	83.8
Tennessee .....	69.8	66.6	59.5	59.0	63.4	66.1	68.5	70.7	72.6	74.9	77.4	80.4	81.1	83.6	82.4
Texas .....	72.2	66.1	71.0	70.8	75.5	76.7	74.0	72.5	71.9	73.1	75.4	78.9	81.4	83.0	83.6
Utah .....	77.5	76.9	82.5	81.6	80.2	83.0	84.4	78.6	76.6	74.3	79.4	78.6	78.5	77.6	81.6
Vermont .....	79.5	85.3	81.0	80.2	83.6	85.4	86.5	82.3	88.5	89.3	89.6	91.4	92.7	91.9	89.3
Virginia .....	76.2	76.2	76.9	77.5	80.6	79.3	79.6	74.5	75.5	77.0	78.4	81.2	82.7	83.9	84.8
Washington .....	75.7	75.5	73.7	69.2	74.2	74.6	75.0	72.9	74.8	71.9	73.7	77.2	79.0	79.2	80.4
West Virginia .....	76.6	77.0	76.7	75.9	75.7	76.9	77.3	76.9	78.2	77.3	77.0	78.3	78.1	80.3	81.5
Wisconsin .....	85.2	83.6	82.7	83.3	85.8	85.8 <sup>7</sup>	86.7	87.5	88.5	89.6	90.7	91.1	92.2	92.2	93.0
Wyoming .....	81.1	77.7	76.3	73.4	73.9	76.0	76.7	76.1	75.8	76.0	75.2	80.3	80.4	80.2	82.5
<b>Other jurisdictions</b>															
American Samoa .....	85.3	79.7	71.9	77.0	81.0	80.2	81.1	81.0	84.6	—	—	—	—	—	—
Guam .....	48.2	44.6	52.9	51.7	56.3	48.4	—	—	—	—	—	—	—	—	—
Northern Marianas .....	—	63.3	61.1	62.7	65.2	75.3	75.4	80.3	73.6	—	—	—	—	—	—
Puerto Rico .....	60.9	60.8	64.7	65.7	67.8	64.8	61.7	68.6	66.7	64.5	67.2	60.2	61.6	61.7	—
U.S. Virgin Islands .....	53.2	54.2	53.8	57.3	53.5	—	—	—	57.8	58.3	63.1	65.5	96.8	72.5	67.8

—Not available.

<sup>1</sup>Includes estimates for New York and Wisconsin. Without estimates for these two states, the averaged freshman graduation rate for the remaining 48 states and the District of Columbia is 75.0 percent.

<sup>2</sup>U.S. total includes estimates for nonreporting states.

<sup>3</sup>Estimated high school graduates from NCES 2011–312, *Public School Graduates and Dropouts from the Common Core of Data: School Year 2008–09*.

<sup>4</sup>Projected high school graduates from NCES 2009–062, *Projections of Education Statistics to 2018*.

<sup>5</sup>Includes 1,161 graduates in 2007–08 and 1,169 graduates in 2008–09 from private high schools that received a majority of their funding from public sources.

<sup>6</sup>Includes 1,419 fall 2006 9th-graders who attended publicly funded private schools that were not reported in the 2006–07 Common Core of Data, but were reported in data for later years.

<sup>7</sup>Estimated high school graduates from NCES 2006–606rev, *The Averaged Freshman Graduation Rate for Public High Schools From the Common Core of Data: School Years 2002–03 and 2003–04*.

NOTE: The averaged freshman graduation rate provides an estimate of the percentage of students who receive a regular diploma within 4 years of entering ninth grade. The rate uses aggregate student enrollment data to estimate the size of an incoming freshman class and aggregate counts of the number of diplomas awarded 4 years later. Averaged freshman graduation rates in this table are based on reported totals of enrollment by grade and high school graduates, rather than on details reported by race/ethnicity. SOURCE: U.S. Department of Education, National Center for Education Statistics, Common Core of Data (CCD), "State Nonfiscal Survey of Public Elementary/Secondary Education," 1986–87 through 2010–11; "State Dropout and Completion Data File," 2005–06 through 2012–13; *The Averaged Freshman Graduation Rate for Public High Schools From the Common Core of Data: School Years 2002–03 and 2003–04*; *Public School Graduates and Dropouts From the Common Core of Data, 2007–08 and 2008–09*; and *Projections of Education Statistics to 2018*. (This table was prepared January 2016.)

**Table 219.40. Public high school averaged freshman graduation rate (AFGR), by sex, race/ethnicity, and state or jurisdiction: 2012–13**

State or jurisdiction	Total, male and female						Male						Female					
	Total <sup>1</sup>	White	Black	Hispanic	Asian/ Pacific Islander	American Indian/ Alaska Native	Total <sup>1</sup>	White	Black	Hispanic	Asian/ Pacific Islander	American Indian/ Alaska Native	Total <sup>1</sup>	White	Black	Hispanic	Asian/ Pacific Islander	American Indian/ Alaska Native
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
<b>United States</b> .....	<b>81.9</b>	<b>85.6</b>	<b>69.4</b>	<b>78.2</b>	<b>94.6</b>	<b>67.7</b>	<b>78.8</b>	<b>83.5</b>	<b>64.3</b>	<b>74.1</b>	<b>92.6</b>	<b>65.3</b>	<b>85.2</b>	<b>87.8</b>	<b>74.8</b>	<b>82.6</b>	<b>96.7</b>	<b>70.2</b>
Alabama .....	74.2	78.1	67.6	67.5	87.2	84.7	70.5	75.8	61.3	64.9	86.7	83.4	78.2	80.6	74.3	70.5	87.8	86.0
Alaska .....	79.9	82.3	74.7	87.6	94.1	68.6	77.7	80.7	67.3	87.7	92.1	64.7	82.2	83.9	83.6	87.6	96.5	72.8
Arizona .....	76.5	80.1	70.0	72.1	90.1	64.2	72.7	77.1	67.3	66.9	89.0	61.3	80.6	83.1	72.8	77.6	91.4	67.0
Arkansas .....	80.1	81.0	74.5	81.1	87.8	67.0	77.1	78.8	69.0	78.5	86.7	65.5	83.3	83.5	80.2	83.9	89.0	68.5
California .....	83.6	88.7	72.7	79.7	97.3	73.5	80.1	86.3	68.9	75.2	95.5	68.9	87.3	91.3	76.8	84.4	99.2	78.4
Colorado .....	83.3	84.5	68.7	77.7	90.4	62.7	79.8	81.7	66.5	73.0	87.2	60.3	87.0	87.6	71.1	82.7	93.5	65.2
Connecticut .....	87.4	90.4	76.6	77.7	100.0	79.5	84.9	89.1	72.0	73.0	99.6	80.1 <sup>2</sup>	90.0	91.7	81.8	82.8	100.0	78.8 <sup>2</sup>
Delaware .....	77.0	79.8	70.6	75.8	94.2	83.0 <sup>2</sup>	72.7	76.1	65.2	71.8	92.8	±	81.6	83.8	76.5	79.7	98.1	±
District of Columbia ..	77.7	94.8	69.8	80.7	87.1 <sup>2</sup>	±	68.9	84.6 <sup>2</sup>	59.8	76.8	82.9 <sup>2</sup>	±	86.2	100.0 <sup>2</sup>	79.7	84.3	93.5 <sup>2</sup>	±
Florida .....	75.8	77.8	67.2	79.1	93.3	85.2	72.1	74.4	62.3	75.7	91.7	82.3	79.7	81.4	72.5	82.6	95.0	88.7
Georgia .....	70.5	76.5	63.7	64.4	90.8	66.9	66.5	73.3	58.0	60.9	89.3	63.3	74.9	79.8	69.6	68.1	92.5	70.8
Hawaii .....	78.0	57.5	70.6	84.8	79.8	57.0 <sup>2</sup>	74.8	53.9	60.2	76.2	77.0	49.1 <sup>2</sup>	81.4	61.3	82.8	94.4	82.9	67.7 <sup>2</sup>
Idaho .....	82.1	82.4	77.3	78.7	88.8	55.2	79.8	80.0	84.5	75.1	87.8	55.1	84.5	84.8	71.0	82.2	89.8	55.2
Illinois .....	82.7	90.6	63.6	78.3	97.8	78.5	80.7	90.5	58.1	75.1	96.7	81.8	84.7	90.7	69.4	81.6	98.9	74.7
Indiana .....	81.0	83.1	66.4	85.7	99.2	92.7	77.0	79.8	59.3	80.2	96.8	89.6	85.2	86.6	73.9	91.6	100.0	95.6
Iowa .....	89.4	90.2	69.0	85.5	98.0	67.2	87.3	88.3	65.9	82.1	96.1	69.1	91.6	92.2	72.6	89.0	100.0	65.5
Kansas .....	88.4	89.6	75.5	85.9	95.9	68.8	86.3	88.6	73.6	79.8	94.2	68.1	90.6	90.6	77.5	92.7	97.5	69.6
Kentucky .....	83.1	83.4	79.5	86.8	99.7	100.0 <sup>2</sup>	81.7	81.6	75.0	79.8	100.0	100.0 <sup>2</sup>	86.6	85.4	84.4	94.9	99.0	100.0 <sup>2</sup>
Louisiana .....	72.7	78.0	64.3	94.4	97.1	69.5	67.3	73.7	57.7	87.4	94.5	64.6	78.4	82.6	71.1	100.0	99.9	74.7
Maine .....	87.5	86.5	92.7	92.9	100.0	76.9	86.0	85.0	95.7	87.6	100.0	79.2 <sup>2</sup>	89.1	88.2	90.0	100.0 <sup>2</sup>	100.0	74.6 <sup>2</sup>
Maryland .....	85.6	88.6	76.2	84.5	99.3	85.0	81.8	86.5	70.7	79.8	97.8	83.6	89.7	90.9	82.1	89.9	100.0	86.7
Massachusetts .....	88.4	90.9	87.0	72.7	100.0	67.6	86.1	89.3	81.2	69.6	100.0	71.5	90.8	92.6	93.4	76.0	100.0	63.6
Michigan .....	78.3	83.4	60.6	52.6	95.3	68.2	74.5	80.3	54.8	49.8	93.3	66.6	82.3	86.7	67.0	55.7	97.5	69.8
Minnesota .....	91.0	93.2	74.2	77.1	97.8	50.7	88.5	91.3	70.4	73.1	94.3	48.5	93.6	95.3	78.4	81.6	100.0	53.0
Mississippi .....	68.4	74.2	63.1	64.7	88.7	60.8 <sup>2</sup>	63.1	70.5	56.4	62.5	85.1	52.6 <sup>2</sup>	73.7	78.1	69.8	67.1	92.7	71.1 <sup>2</sup>
Missouri .....	86.6	88.2	73.6	91.2	95.7	86.8	84.8	87.0	69.9	89.9	96.6	84.2	88.4	89.6	77.6	92.6	94.7	89.6
Montana .....	84.7	86.9	66.6 <sup>2</sup>	94.6	92.3	60.1	83.7	85.8	66.7 <sup>2</sup>	94.1	90.9 <sup>2</sup>	59.1	85.8	88.0	66.4 <sup>2</sup>	95.3	93.6 <sup>2</sup>	61.2
Nebraska .....	93.3	84.6	71.3	90.7	93.4	65.5	91.3	83.4	67.4	85.7	90.5	66.0	95.5	95.9	75.5	96.1	96.6	64.9
Nevada .....	67.5	69.5	48.6	62.0	73.4	45.1	63.2	65.6	45.6	56.9	70.9	42.0	71.9	73.7	51.7	67.2	76.1	48.5
New Hampshire .....	87.3	86.7	85.9	87.0	97.3	68.5 <sup>2</sup>	84.9	84.5	85.3	77.6	99.6	±	89.8	89.1	86.8	97.3	95.2	71.0 <sup>2</sup>
New Jersey .....	89.1	92.7	79.4	83.3	98.6	70.3	86.9	91.3	75.7	79.9	98.5	60.5 <sup>2</sup>	91.4	94.3	83.4	86.8	98.8	80.2 <sup>2</sup>
New Mexico .....	71.6	76.9	64.9	68.3	94.8	71.8	67.6	73.7	58.4	63.9	92.6	67.8	76.0	80.2	73.6	73.0	97.2	76.2
New York .....	78.5	87.1	65.2	66.4	90.9	71.9	76.1	87.1	60.5	62.1	86.1	65.2	81.0	87.1	70.1	70.9	96.1	79.4
North Carolina .....	80.5	83.4	69.7	79.9	91.9	76.3	76.6	80.8	64.3	74.7	89.5	72.5	84.7	86.2	75.4	85.7	94.3	80.6
North Dakota .....	91.4	93.8	100.0	85.4	100.0 <sup>2</sup>	59.1	89.1	91.8	100.0 <sup>2</sup>	89.7 <sup>2</sup>	100.0 <sup>2</sup>	54.5	93.8	95.8	100.0 <sup>2</sup>	81.0 <sup>2</sup>	100.0 <sup>2</sup>	63.7
Ohio .....	84.9	89.4	65.2	85.7	98.8	73.9	82.7	87.7	60.5	84.0	96.5	81.6	87.3	91.1	70.3	87.6	100.0	66.0
Oklahoma .....	79.4	81.0	66.2	76.6	92.8	71.5	76.9	78.7	63.1	73.0	92.4	70.0	82.0	83.5	69.5	80.3	93.2	73.1
Oregon .....	76.8	76.7	66.4	76.0	87.3	56.5	73.2	73.7	59.9	70.3	86.2	49.2	80.6	80.0	72.7	82.0	88.4	64.3
Pennsylvania .....	88.4	90.8	76.4	77.4	100.0	68.4	86.0	89.2	71.7	73.2	100.0	63.0	91.0	92.6	81.2	81.9	100.0	74.3
Rhode Island .....	79.0	80.5	69.7	74.6	81.1	46.2 <sup>2</sup>	75.3	77.2	64.0	70.4	77.8	53.3 <sup>2</sup>	83.0	84.1	76.0	79.1	84.3	40.2 <sup>2</sup>
South Carolina .....	74.2	78.2	66.3	74.7	86.3	57.4	69.4	74.4	60.0	70.7	85.6	56.2	79.5	82.3	73.1	79.0	87.0	58.8 <sup>2</sup>
South Dakota .....	83.8	87.9	76.7	80.5	100.0	47.7	81.3	85.3	72.6	71.0	100.0 <sup>2</sup>	47.9	86.3	90.7	81.4	90.1	100.0 <sup>2</sup>	47.6
Tennessee .....	82.4	83.8	77.6	82.7	100.0	96.1	79.2	81.6	71.6	78.4	100.0	100.0 <sup>2</sup>	85.8	86.2	83.8	87.5	100.0	85.2 <sup>2</sup>
Texas .....	83.6	85.8	77.0	82.1	97.4	71.5	80.9	84.3	73.1	78.6	96.9	71.5	86.6	87.4	81.2	85.7	98.0	71.4
Utah .....	81.6	83.2	67.4	71.4	82.5	62.5	78.9	80.9	66.3	67.2	85.2	55.3	84.4	85.7	68.7	75.9	79.6	69.6
Vermont .....	89.3	89.2	88.0	97.3 <sup>2</sup>	100.0	±	88.9	88.9	79.2 <sup>2</sup>	100.0 <sup>2</sup>	100.0 <sup>2</sup>	±	89.7	89.6	95.9 <sup>2</sup>	83.9 <sup>2</sup>	100.0 <sup>2</sup>	±
Virginia .....	84.8	86.4	72.7	89.7	98.5	76.2	81.5	84.2	67.2	84.5	97.1	74.4	88.4	88.7	78.6	95.5	100.0	78.0
Washington .....	80.4	80.1	62.7	80.7	84.5	40.3	76.8	76.8	58.5	74.8	82.1	40.5	84.6	83.7	67.2	86.9	87.0	40.1
West Virginia .....	81.5	81.5	73.5	83.4	93.7	±	79.7	79.7	73.5	80.0	92.8 <sup>2</sup>	±	83.3	83.5	73.5	86.8	99.0 <sup>2</sup>	±
Wisconsin .....	93.0	96.3	68.1	83.7	97.7	72.9	90.7	95.1	61.5	78.5	93.5	68.6	95.5	97.5	75.5	89.3	100.0	77.9
Wyoming .....	82.5	84.0	75.3 <sup>2</sup>	77.9	100.0 <sup>2</sup>	42.6	80.0	82.1	73.9 <sup>2</sup>	69.4	±	41.0 <sup>2</sup>	85.0	85.9	77.1 <sup>2</sup>	86.8	100.0 <sup>2</sup>	44.2
Bureau of Indian Education .....	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
DoDEA, overseas .....	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
DoDEA, domestic .....	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Other jurisdictions																		
American Samoa ..	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Guam .....	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Northern Marianas ..	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Puerto Rico .....	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
U.S. Virgin Islands ..	67.8	±	67.2	63.8	±	±	59.1											

**Table 219.46. Public high school 4-year adjusted cohort graduation rate (ACGR), by selected student characteristics and state: 2010–11 through 2015–16**

State	Total, ACGR for all students						ACGR for students with selected characteristics, <sup>1</sup> 2015–16										
	2010–11	2011–12	2012–13	2013–14	2014–15	2015–16	Race/ethnicity						Two or more races	Students with disabilities <sup>2</sup>	Limited English proficient <sup>3</sup>	Economically disadvantaged <sup>4</sup>	
							White	Black	Hispanic	Asian/Pacific Islander <sup>5</sup>							American Indian/Alaska Native
										Total	Asian	Pacific Islander					
8	9	10	11	12	13	14	15	16	17	18							
<b>United States<sup>6</sup> ...</b>	<b>79</b>	<b>80</b>	<b>81</b>	<b>82</b>	<b>83</b>	<b>84</b>	<b>88</b>	<b>76</b>	<b>79</b>	<b>91</b>	—	—	<b>72</b>	—	<b>66</b>	<b>67</b>	<b>78</b>
Alabama <sup>7</sup> .....	72	75	80	86	89	87	89	85	87	91	—	—	90	89	54	64	81
Alaska .....	68	70	72	71	76	76	81	74	76	81	—	—	64	75	54	55	68
Arizona .....	78	76	75	76	77	80	84	76	76	89	—	—	68	—	69	32	77
Arkansas .....	81	84	85	87	85	87	89	82	86	87	91	75	87	87	84	86	84
California .....	76	79	80	81	82	83	88	73	80	93	93	92	74	82	66	72	79
Colorado .....	74	75	77	77	77	79	84	72	70	85	86	74	62	79	57	61	68
Connecticut .....	83	85	86	87	87	87	93	79	76	94	95	84	89	88	65	67	77
Delaware .....	78	80	80	87	86	86	88	82	81	91	91	≥50	≥90	84	67	73	76
District of Columbia .....	59	59	62	61	69	69	91	68	69	77	‡	‡	‡	≥90	50	64	69
Florida .....	71	75	76	76	78	81	85	72	80	92	92	85	77	83	62	62	74
Georgia .....	67	70	72	73	79	79	83	76	73	88	—	—	69	81	57	57	75
Hawaii .....	80	81	82	82	82	83	82	78	75	84	—	—	72	—	59	69	78
Idaho .....	—	—	—	77	79	80	81	78	74	80	83	70	58	77	60	73	72
Illinois .....	84	82	83	86	86	86	90	75	81	94	94	85	79	85	71	72	77
Indiana .....	86	86	87	88	87	87	90	74	83	89	89	81	83	85	72	71	85
Iowa .....	88	89	90	91	91	91	93	80	85	91	92	88	81	84	70	81	84
Kansas .....	83	85	86	86	86	86	88	77	79	92	93	83	73	82	78	77	78
Kentucky .....	—	—	86	88	88	89	90	81	82	93	93	≥90	83	87	72	68	86
Louisiana .....	71	72	74	75	78	79	83	73	73	89	89	72	83	85	47	43	73
Maine .....	84	85	86	87	88	87	88	77	85	94	95	≥80	85	80	72	78	78
Maryland .....	83	84	85	86	87	88	92	84	77	95	95	89	82	91	67	48	79
Massachusetts .....	83	85	85	86	87	88	92	79	73	93	93	89	85	84	72	64	78
Michigan .....	74	76	77	79	80	80	83	67	73	90	90	78	67	74	55	72	67
Minnesota .....	77	78	80	81	82	82	87	65	65	84	—	—	53	—	61	63	68
Mississippi .....	75	75	76	78	81	82	86	79	82	92	93	≥50	88	78	35	65	79
Missouri .....	81	84	86	87	88	89	92	79	83	92	—	—	86	89	78	68	82
Montana .....	82	84	84	85	86	86	89	81	80	93	94	89	86	—	78	59	76
Nebraska .....	86	88	89	90	89	89	93	79	82	81	81	77	74	84	70	55	82
Nevada .....	62	63	71	70	71	74	80	57	70	86	88	76	65	77	29	43	67
New Hampshire .....	86	86	87	88	88	88	89	78	76	92	92	≥50	74	81	73	72	76
New Jersey .....	83	86	88	89	90	90	94	82	83	97	97	94	83	92	79	75	83
New Mexico .....	63	70	70	69	69	71	76	61	71	81	—	—	63	—	62	67	67
New York .....	77	77	77	78	79	80	89	69	68	87	—	—	68	82	53	38	73
North Carolina .....	78	80	83	84	86	86	89	83	80	93	—	—	82	83	69	57	81
North Dakota .....	86	87	88	87	87	88	91	77	77	88	88	—	66	—	68	69	71
Ohio .....	80	81	82	82	81	84	88	67	73	87	—	—	70	77	70	50	72
Oklahoma .....	—	—	85	83	83	82	83	77	78	86	86	86	81	82	74	58	76
Oregon .....	68	68	69	72	74	75	77	66	69	86	88	70	56	74	56	53	68
Pennsylvania .....	83	84	86	85	85	86	91	73	73	91	91	90	77	80	74	63	78
Rhode Island .....	77	77	80	81	83	83	88	81	79	91	92	75	78	35	59	74	75
South Carolina .....	74	75	78	80	80	83	84	80	80	94	—	—	74	—	52	76	88
South Dakota .....	83	83	83	83	84	84	89	77	73	79	82	<50	51	78	60	57	67
Tennessee .....	86	87	86	87	88	89	91	82	84	93	93	91	86	—	72	76	86
Texas .....	86	88	88	88	89	89	93	85	87	95	96	88	87	91	78	74	86
Utah .....	76	80	83	84	85	85	88	74	75	87	90	85	71	81	70	66	76
Vermont .....	87	88	87	88	88	88	88	71	89	83	‡	‡	‡	78	72	68	80
Virginia .....	82	83	85	85	86	87	91	81	75	93	93	—	—	—	54	45	78
Washington .....	76	77	76	78	78	80	82	71	73	87	89	68	63	78	59	58	70
West Virginia .....	78	79	81	85	87	90	90	88	89	≥95	‡	‡	‡	84	77	93	86
Wisconsin .....	87	88	88	89	88	88	93	64	80	89	89	80	78	85	69	66	77
Wyoming .....	80	79	77	79	79	80	82	81	74	84	85	≥50	53	74	65	70	69

—Not available.

‡Reporting standards not met (too few cases).

<sup>1</sup>The time when students are identified as having certain characteristics varies by state. Depending on the state, a student may be included in a category if the relevant characteristic is reported in 9th-grade data, if the characteristic is reported in 12th-grade data, or if it is reported at any point during the student's high school years.

<sup>2</sup>Students identified as children with disabilities under the Individuals with Disabilities Education Act (IDEA).

<sup>3</sup>Students who met the definition of limited English proficient students as outlined in the ED Facts workbook. For more information, see <http://www2.ed.gov/about/initiatives/ed/facts/eden-workbook.html>.

<sup>4</sup>Students who met the state criteria for classification as economically disadvantaged.

<sup>5</sup>States either report data for a combined "Asian/Pacific Islander" group or report the "Asian" and "Pacific Islander" groups separately. Total represents either a single value reported by the state for "Asian/Pacific Islander" or an aggregation of separate values reported for "Asian" and "Pacific Islander." "Pacific Islander" includes the "Filipino" group, which only California and Utah report separately.

<sup>6</sup>For 2010–11 through 2012–13, includes imputed data for a small number of states for which ACGR data were not available. (In these years, one or more of the following states

had not yet started reporting ACGR data: Idaho, Kentucky, and Oklahoma.) For American Indian/Alaska Native students (column 14), includes imputed data for Virginia, since the state does not report ACGR data for that race category. This table does not include the Bureau of Indian Education and Puerto Rico.

<sup>7</sup>Use data with caution. The Alabama State Department of Education has indicated that their ACGR data was misstated. For more information, please see the following press release issued by the state: <https://www.alsde.edu/sec/comm/News%20Releases/12-08-2016%20Graduation%20Rate%20Review.pdf>.

NOTE: The adjusted cohort graduation rate (ACGR) is the percentage of public high school freshmen who graduate with a regular diploma within 4 years of starting 9th grade. Students who are entering 9th grade for the first time form a cohort for the graduating class. This cohort is "adjusted" by adding any students who subsequently transfer into the cohort and subtracting any students who subsequently transfer out, emigrate to another country, or die. Values preceded by the "<" or "≥" symbol have been "blurred" to protect student privacy. Race categories exclude persons of Hispanic ethnicity.

SOURCE: U.S. Department of Education, Office of Elementary and Secondary Education, Consolidated State Performance Report, 2010–11 through 2015–16. (This table was prepared December 2017.)

**Table 219.50. Number and percentage of 9th- to 12th-graders who dropped out of public schools (event dropout rate), by race/ethnicity, grade, and state or jurisdiction: 2009–10**

State or jurisdiction	Percent of 9th- to 12th-graders who dropped out (event dropout rate), by race/ethnicity							Number and percent of 9th- to 12th-graders who dropped out (event dropout rate), by grade							
	Total	White	Black	Hispanic	Asian/ Pacific Islander	American Indian/ Alaska Native	Two or more races	Grade 9		Grade 10		Grade 11		Grade 12	
								Number of dropouts	Event dropout rate	Number of dropouts	Event dropout rate	Number of dropouts	Event dropout rate	Number of dropouts	Event dropout rate
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
<b>United States</b> .....	<b>3.4</b>	<b>2.3</b>	<b>5.5</b>	<b>5.0</b>	<b>1.9</b>	<b>6.7</b>	<b>‡</b>	<b>104,756</b>	<b>2.6</b>	<b>113,370</b>	<b>3.0</b>	<b>117,536</b>	<b>3.3</b>	<b>175,806</b>	<b>5.1</b>
Alabama .....	1.8	1.6	2.0	0.9	1.4	1.3	—	864	1.4	1,128	2.0	1,048	2.1	862	1.8
Alaska .....	6.9	5.1	6.4	6.1	4.8	11.6	9.6	404	4.0	551	5.5	1,014	9.3	851	8.7
Arizona .....	7.8	6.8	8.8	8.1	4.9	14.6	—	4,207	5.1	4,594	5.7	5,269	7.0	10,795	13.6
Arkansas .....	3.6	3.1	5.0	4.1	2.0	4.9	3.1	720	1.9	1,130	3.2	1,427	4.4	1,613	5.3
California .....	4.6	2.8	8.4	5.8	2.0	6.5	5.0	13,849	2.6	15,518	3.1	20,625	4.2	42,587	8.9
Colorado .....	5.3	3.2	8.6	9.9	2.4	10.1	—	1,957	3.1	2,216	3.7	3,045	5.3	5,673	9.7
Connecticut .....	3.0	1.4	6.8	6.9	1.1	3.0	—	1,316	2.8	1,127	2.6	1,452	3.4	1,299	3.2
Delaware .....	3.9	3.1	4.9	4.7	3.2	10.3	—	546	4.7	386	3.7	299	3.4	288	3.5
District of Columbia <sup>1</sup> .....	7.0	4.9	6.9	8.3	5.4	#	—	501	8.1	262	5.9	153	4.2	133	4.0
Florida .....	2.3	1.6	3.5	2.8	0.8	2.7	—	4,189	1.9	4,348	2.2	4,678	2.4	4,816	2.8
Georgia .....	3.8	3.1	4.6	4.3	1.5	4.2	3.4	5,800	4.0	5,095	4.2	4,074	3.8	2,800	2.9
Hawaii .....	5.2	6.4	7.9	5.9	4.7	9.0	—	562	3.7	816	5.7	726	5.8	632	6.0
Idaho .....	1.4	1.2	1.9	2.2	1.2	2.5	—	211	1.0	235	1.1	301	1.5	386	2.0
Illinois .....	2.9	1.8	5.7	3.8	0.9	3.0	—	3,482	2.0	5,287	3.1	3,970	2.7	5,801	4.0
Indiana .....	1.6	1.3	3.1	2.4	1.1	2.2	—	373	0.4	945	1.2	1,349	1.7	2,346	3.2
Iowa .....	3.4	2.8	9.1	6.9	2.1	8.9	4.9	363	1.0	713	1.9	1,276	3.5	2,747	7.1
Kansas .....	2.1	1.8	3.7	2.9	0.7	4.1	2.0	442	1.2	661	1.9	765	2.3	1,105	3.3
Kentucky .....	3.2	2.9	5.5	5.6	2.0	1.9	—	1,076	2.0	1,769	3.5	1,762	3.8	1,615	3.7
Louisiana .....	4.8	3.2	6.8	3.9	2.0	4.8	—	3,229	5.7	1,920	4.2	1,663	4.1	1,892	4.9
Maine .....	4.2	4.2	4.9	5.0	3.8	8.6	—	252	1.7	349	2.3	703	4.8	1,260	8.3
Maryland .....	2.7	2.0	3.4	4.2	0.9	3.2	—	1,998	2.7	2,029	3.0	1,686	2.7	1,369	2.2
Massachusetts .....	2.8	1.7	5.0	7.3	1.7	3.3	3.1	2,356	3.0	2,045	2.8	1,837	2.6	1,847	2.7
Michigan .....	4.3	2.7	9.2	6.2	3.1	5.4	—	4,305	3.1	6,661	4.9	5,318	4.2	6,999	5.3
Minnesota .....	1.6	1.0	3.9	4.2	1.6	5.7	—	337	0.5	453	0.7	796	1.2	2,752	3.7
Mississippi .....	7.4	5.6	9.3	5.9	2.8	4.6	#	2,399	6.0	2,651	7.3	2,339	7.3	2,023	7.0
Missouri .....	3.5	2.4	8.4	4.1	1.5	3.0	—	2,139	2.9	2,009	2.9	2,449	3.6	3,245	4.8
Montana .....	4.3	3.5	7.0	6.2	2.0	10.3	—	340	2.9	435	3.9	527	4.9	599	5.7
Nebraska .....	2.2	1.6	4.1	4.0	1.8	7.0	—	186	0.8	372	1.7	538	2.5	825	3.7
Nevada .....	4.5	3.4	6.5	5.4	3.1	4.7	—	790	2.3	1,389	4.0	1,294	4.4	2,071	8.0
New Hampshire .....	1.2	1.1	1.6	2.9	1.1	1.5	1.0	3	#	6	#	90	0.6	667	4.3
New Jersey .....	1.6	0.9	3.5	2.8	0.4	1.5	3.4	1,696	1.6	1,667	1.6	1,522	1.5	1,594	1.6
New Mexico .....	6.9	5.3	9.0	7.2	4.6	8.8	4.7	2,229	7.5	2,075	7.8	1,484	6.6	1,021	5.1
New York .....	3.6	1.7	6.5	5.9	2.4	5.6	—	7,354	3.1	8,222	3.5	6,674	3.4	8,931	4.7
North Carolina .....	4.7	4.0	5.4	6.1	2.0	6.1	—	6,553	5.1	5,535	4.9	4,769	4.8	3,338	3.8
North Dakota .....	2.2	1.7	2.6	3.5	0.9	7.5	—	40	0.5	174	2.3	207	2.7	259	3.4
Ohio .....	4.2	2.8	9.4	7.4	1.4	7.8	—	6,968	4.4	3,853	2.8	4,574	3.7	7,011	5.9
Oklahoma .....	2.4	2.1	3.3	3.5	1.1	2.5	—	949	1.9	1,062	2.3	1,188	2.8	1,086	2.7
Oregon .....	3.4	2.9	6.2	4.7	1.4	6.7	—	465	1.0	771	1.7	1,451	3.3	3,299	7.2
Pennsylvania .....	2.1	1.5	3.7	5.1	1.3	2.2	—	1,643	1.1	3,029	2.0	3,268	2.3	4,302	3.1
Rhode Island .....	4.6	3.8	6.6	6.8	4.5	8.5	—	573	4.4	613	5.0	509	4.7	471	4.4
South Carolina .....	3.0	2.7	3.3	3.6	1.3	5.6	—	1,691	2.7	1,811	3.3	1,547	3.2	1,220	2.7
South Dakota .....	2.6	1.6	3.4	5.2	2.7	10.5	—	184	1.8	267	2.7	258	2.8	291	3.3
Tennessee .....	2.7	1.8	4.9	3.3	1.2	2.7	—	1,370	1.8	1,579	2.1	1,790	2.6	2,843	4.3
Texas .....	2.7	1.2	4.2	3.6	0.5	3.6	—	6,945	1.8	8,253	2.5	6,824	2.2	14,048	4.8
Utah .....	2.6	2.1	3.8	5.5	2.8	5.7	—	207	0.5	555	1.4	927	2.3	2,444	6.1
Vermont .....	2.4	2.4	1.5	2.6	2.0	#	4.1	76	1.0	180	2.4	215	3.0	250	3.4
Virginia .....	2.1	1.4	3.0	4.6	1.2	1.6	—	1,741	1.7	1,857	1.9	1,934	2.1	2,467	2.8
Washington .....	4.2	3.6	6.1	5.8	3.0	8.2	—	2,881	3.4	2,792	3.4	3,472	4.4	4,815	5.8
West Virginia .....	4.0	4.0	4.6	4.6	0.5	3.6	1.9	809	3.4	848	4.1	839	4.4	798	4.3
Wisconsin .....	2.2	1.2	7.5	4.7	1.6	5.2	—	971	1.4	611	0.9	1,222	1.7	3,260	4.6
Wyoming .....	6.0	5.0	13.1	#	1.7	20.8	94.9	215	3.2	516	7.3	389	6.1	460	7.5
Bureau of Indian Education .....	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
DoD, overseas .....	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
DoD, domestic .....	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Other jurisdictions															
American Samoa .....	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Guam .....	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Northern Marianas .....	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Puerto Rico .....	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
U.S. Virgin Islands .....	5.5	#	5.3	7.4	#	#	—	122	7.2	68	5.5	53	4.7	38	3.7

—Not available.

#Rounds to zero.

‡Reporting standards not met (too few cases for a reliable estimate).

<sup>1</sup>Data were imputed based on prior year rates.

NOTE: Race categories exclude persons of Hispanic ethnicity. Event dropout rates measure the percentage of public school students in grades 9 through 12 who dropped out of school

between one October and the next. Enrollment and dropout data for ungraded students were prorated into grades 9 through 12 based on the counts for graded students. DoD stands for Department of Defense.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Common Core of Data (CCD), "State Dropout and Completion Data File," 2009–10. (This table was prepared November 2012.)

**Table 219.55. Among 15- to 24-year-olds enrolled in grades 10 through 12, percentage who dropped out (event dropout rate), by sex and race/ethnicity: 1972 through 2016**

[Standard errors appear in parentheses]

Year	Event dropout rate <sup>1</sup>					
	Total <sup>2</sup>	Sex		Race/ethnicity		
		Male	Female	White	Black	Hispanic
1	2	3	4	5	6	7
1972	6.1 (0.34)	5.9 (0.47)	6.3 (0.49)	5.3 (0.35)	9.6 (1.36)	11.2! (3.70)
1973	6.3 (0.34)	6.8 (0.50)	5.7 (0.46)	5.5 (0.35)	10.0 (1.39)	10.0! (3.50)
1974	6.7 (0.35)	7.4 (0.52)	6.0 (0.47)	5.8 (0.36)	11.6 (1.44)	9.9! (3.34)
1975	5.8 (0.32)	5.4 (0.45)	6.1 (0.47)	5.1 (0.34)	8.7 (1.28)	10.9! (3.30)
1976	5.9 (0.33)	6.6 (0.49)	5.2 (0.44)	5.6 (0.36)	7.4 (1.18)	7.3! (2.71)
1977	6.5 (0.34)	6.9 (0.49)	6.1 (0.47)	6.1 (0.37)	8.6 (1.21)	7.8! (2.79)
1978	6.7 (0.35)	7.5 (0.52)	5.9 (0.46)	5.8 (0.36)	10.2 (1.32)	12.3 (3.60)
1979	6.7 (0.35)	6.8 (0.50)	6.7 (0.49)	6.1 (0.37)	10.0 (1.34)	9.8! (3.20)
1980	6.1 (0.33)	6.7 (0.49)	5.5 (0.45)	5.3 (0.35)	8.3 (1.22)	11.7 (3.36)
1981	5.9 (0.33)	6.0 (0.47)	5.8 (0.46)	4.9 (0.34)	9.7 (1.30)	10.7 (3.00)
1982	5.5 (0.34)	5.8 (0.50)	5.2 (0.47)	4.8 (0.37)	7.8 (1.23)	9.2! (3.04)
1983	5.2 (0.34)	5.8 (0.50)	4.7 (0.46)	4.4 (0.36)	7.0 (1.20)	10.1! (3.18)
1984	5.1 (0.34)	5.5 (0.50)	4.8 (0.47)	4.5 (0.37)	5.8 (1.08)	11.1 (3.28)
1985	5.3 (0.35)	5.4 (0.51)	5.1 (0.49)	4.4 (0.37)	7.8 (1.29)	9.8 (2.58)
1986	4.7 (0.33)	4.7 (0.46)	4.7 (0.46)	3.8 (0.34)	5.5 (1.08)	11.9 (2.70)
1987	4.1 (0.31)	4.4 (0.45)	3.8 (0.42)	3.6 (0.33)	6.4 (1.16)	5.6! (1.94)
1988	4.8 (0.37)	5.4 (0.55)	4.6 (0.53)	4.4 (0.42)	6.3 (1.28)	11.0 (3.08)
1989	4.5 (0.35)	4.6 (0.50)	4.6 (0.50)	3.6 (0.37)	8.2 (1.40)	8.1 (2.43)
1990	4.0 (0.33)	4.2 (0.49)	4.1 (0.49)	3.5 (0.37)	5.2 (1.17)	8.4 (2.41)
1991	4.0 (0.33)	3.9 (0.47)	4.4 (0.51)	3.3 (0.37)	6.4 (1.27)	7.8 (2.33)
1992	4.4 (0.35)	3.9 (0.46)	4.9 (0.53)	3.7 (0.38)	5.0 (1.09)	8.2 (2.23)
1993	4.5 (0.36)	4.6 (0.51)	4.3 (0.50)	3.9 (0.40)	5.8 (1.20)	6.7! (2.02)
1994	5.3 (0.37)	5.2 (0.51)	5.4 (0.53)	4.2 (0.40)	6.6 (1.21)	10.0 (2.18)
1995	5.7 (0.35)	6.2 (0.51)	5.3 (0.48)	4.5 (0.38)	6.4 (1.01)	12.4 (1.62)
1996	5.0 (0.34)	5.0 (0.48)	5.1 (0.49)	4.1 (0.38)	6.7 (1.05)	9.0 (1.49)
1997	4.6 (0.32)	5.0 (0.47)	4.1 (0.43)	3.6 (0.35)	5.0 (0.91)	9.5 (1.45)
1998	4.8 (0.33)	4.6 (0.45)	4.9 (0.47)	3.9 (0.36)	5.2 (0.91)	9.4 (1.46)
1999	5.0 (0.33)	4.6 (0.44)	5.4 (0.49)	4.0 (0.36)	6.5 (0.99)	7.8 (1.27)
2000	4.8 (0.33)	5.5 (0.49)	4.1 (0.43)	4.1 (0.37)	6.1 (1.00)	7.4 (1.24)
2001	5.0 (0.32)	5.6 (0.46)	4.3 (0.42)	4.1 (0.35)	6.3 (0.96)	8.8 (1.31)
2002	3.5 (0.27)	3.7 (0.39)	3.4 (0.37)	2.6 (0.28)	4.9 (0.87)	5.8 (1.01)
2003	4.0 (0.28)	4.2 (0.40)	3.8 (0.38)	3.2 (0.31)	4.8 (0.85)	7.1 (1.06)
2004	4.7 (0.30)	5.1 (0.44)	4.3 (0.41)	3.7 (0.34)	5.7 (0.94)	8.9 (1.20)
2005	3.8 (0.27)	4.2 (0.40)	3.4 (0.36)	2.8 (0.29)	7.3 (1.03)	5.0 (0.87)
2006	3.8 (0.27)	4.1 (0.39)	3.4 (0.36)	2.9 (0.30)	3.8 (0.77)	7.0 (1.01)
2007	3.5 (0.26)	3.7 (0.37)	3.3 (0.35)	2.2 (0.26)	4.5 (0.80)	6.0 (0.98)
2008	3.5 (0.26)	3.1 (0.34)	4.0 (0.39)	2.3 (0.27)	6.4 (0.94)	5.3 (0.85)
2009	3.4 (0.25)	3.5 (0.36)	3.4 (0.35)	2.4 (0.28)	4.8 (0.83)	5.8 (0.87)
2010	3.0 (0.26)	3.0 (0.36)	2.9 (0.35)	2.3 (0.29)	3.6 (0.88)	4.1 (0.73)
2011	3.4 (0.30)	3.6 (0.43)	3.1 (0.37)	2.7 (0.38)	4.4 (0.87)	4.6 (0.81)
2012	3.4 (0.32)	3.6 (0.48)	3.3 (0.49)	1.6 (0.24)	6.8 (1.35)	5.4 (0.93)
2013	4.7 (0.40)	4.8 (0.53)	4.5 (0.55)	4.3 (0.51)	5.8 (1.17)	5.7 (0.95)
2014	5.2 (0.38)	5.4 (0.58)	5.0 (0.53)	4.7 (0.43)	5.7 (1.21)	7.9 (1.05)
2015	4.9 (0.43)	5.1 (0.60)	4.6 (0.57)	3.8 (0.47)	6.8 (1.37)	6.2 (1.12)
2016	4.8 (0.36)	5.4 (0.57)	4.1 (0.52)	4.5 (0.45)	5.9 (1.19)	4.7 (0.76)

!Interpret data with caution. The coefficient of variation (CV) for this estimate is between 30 and 50 percent.

<sup>1</sup>The event dropout rate is the percentage of 15- to 24-year-olds in grades 10 through 12 who dropped out between one October and the next (e.g., the 2016 data refer to 10th- through 12th-graders who were enrolled in October 2015 but had dropped out by October 2016). Dropping out is defined as leaving school without a high school diploma or alternative credential such as a GED certificate.

<sup>2</sup>Includes other racial/ethnic groups not separately shown.

NOTE: Data are based on sample surveys of the civilian noninstitutionalized population, which excludes persons in the military and persons living in institutions (e.g., prisons or nursing facilities). Because of changes in data collection procedures, data for 1992 and later years may not be comparable with figures for prior years. Beginning in 2010, standard errors were computed using replicate weights, which produced more precise values than the generalized variance function methodology used in prior years. Race categories exclude persons of Hispanic ethnicity. Detail may not sum to totals because of rounding. Some data have been revised from previously published figures.

SOURCE: U.S. Department of Commerce, Census Bureau, Current Population Survey (CPS), October, 1972 through 2016. (This table was prepared September 2017.)

**Table 219.57. Among 15- to 24-year-olds enrolled in grades 10 through 12, percentage who dropped out (event dropout rate), and number and percentage distribution of 15- to 24-year-olds in grades 10 through 12, by selected characteristics: Selected years, 2006 through 2016**

[Standard errors appear in parentheses]

Selected characteristic	Event dropout rate (percent) <sup>1</sup>				2016							
					Number of 15- to 24-year-olds enrolled in grades 10 through 12 (in thousands)				Percentage distribution of 15- to 24-year-olds enrolled in grades 10 through 12			
	2006	2011	2015	2016	Total population <sup>2</sup>	Event dropouts only <sup>3</sup>	Total population <sup>2</sup>	Event dropouts only <sup>3</sup>				
1	2	3	4	5	6	7	8	9				
<b>Total</b> .....	<b>3.8 (0.27)</b>	<b>3.4 (0.30)</b>	<b>4.9 (0.43)</b>	<b>4.8 (0.36)</b>	<b>11,180 (120.3)</b>	<b>532 (40.2)</b>	<b>100.0 (†)</b>	<b>100.0 (†)</b>				
<b>Sex</b>												
Male .....	4.1 (0.39)	3.6 (0.43)	5.1 (0.60)	5.4 (0.57)	5,647 (82.0)	305 (32.3)	50.5 (0.52)	57.3 (4.40)				
Female .....	3.4 (0.36)	3.1 (0.37)	4.6 (0.57)	4.1 (0.52)	5,533 (85.5)	227 (29.0)	49.5 (0.52)	42.7 (4.40)				
<b>Race/ethnicity</b>												
White .....	2.9 (0.30)	2.7 (0.38)	3.8 (0.47)	4.5 (0.45)	6,018 (86.6)	273 (26.6)	53.8 (0.54)	51.3 (4.00)				
Black .....	3.8 (0.77)	4.4 (0.87)	6.8 (1.37)	5.9 (1.19)	1,495 (56.7)	88 (17.7)	13.4 (0.47)	16.5 (2.88)				
Hispanic .....	7.0 (1.01)	4.6 (0.81)	6.2 (1.12)	4.7 (0.76)	2,538 (56.8)	118 (19.8)	22.7 (0.45)	22.2 (3.35)				
Asian .....	4.3! (1.53)	3.9! (1.68)	6.7! (2.26)	3.6! (1.53)	540 (31.2)	‡ (†)	4.8 (0.28)	3.7! (1.59)				
Pacific Islander .....	‡ (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	0.3! (0.11)	‡ (†)				
American Indian/Alaska Native .....	‡ (†)	‡ (†)	8.6! (4.14)	17.3! (6.10)	129 (18.8)	‡ (†)	1.2 (0.17)	4.2! (1.59)				
Two or more races .....	‡ (†)	‡ (†)	‡ (†)	‡ (†)	426 (38.4)	‡ (†)	3.8 (0.34)	‡ (†)				
<b>Family income<sup>4</sup></b>												
Lowest quarter .....	8.4 (0.97)	6.0 (0.98)	8.1 (1.17)	7.2 (1.08)	2,152 (88.2)	155 (24.7)	19.2 (0.75)	29.1 (3.89)				
Middle low quarter .....	4.3 (0.63)	4.9 (0.74)	5.0 (0.84)	5.3 (0.80)	2,361 (84.3)	126 (19.2)	21.1 (0.71)	23.6 (3.41)				
Middle high quarter .....	2.8 (0.45)	2.4 (0.58)	5.3 (0.79)	3.6 (0.65)	2,786 (88.8)	100 (18.3)	24.9 (0.75)	18.8 (3.29)				
Highest quarter .....	2.1 (0.33)	1.6 (0.41)	2.8 (0.57)	3.9 (0.55)	3,882 (101.4)	151 (22.1)	34.7 (0.85)	28.4 (3.47)				
<b>Age<sup>5</sup></b>												
15 and 16 .....	2.0 (0.36)	2.5 (0.56)	5.4 (0.77)	5.3 (0.74)	3,070 (75.4)	162 (22.6)	27.5 (0.58)	30.4 (3.89)				
17 .....	2.7 (0.39)	2.0 (0.41)	2.8 (0.46)	3.8 (0.56)	3,716 (59.1)	140 (21.1)	33.2 (0.55)	26.4 (3.40)				
18 .....	4.5 (0.56)	2.9 (0.46)	3.8 (0.67)	5.2 (0.78)	3,040 (62.1)	157 (24.5)	27.2 (0.49)	29.6 (3.82)				
19 .....	6.8 (1.34)	5.6 (1.21)	8.5 (1.97)	4.5 (1.31)	943 (58.6)	‡ (†)	8.4 (0.50)	8.0 (2.35)				
20 to 24 .....	21.8 (3.63)	22.8 (3.93)	21.0 (4.25)	7.4! (2.55)	412 (43.8)	‡ (†)	3.7 (0.38)	5.7! (1.94)				
<b>Recency of immigration<sup>6</sup></b>												
<b>Born outside the United States</b>												
Hispanic .....	9.5 (2.41)	7.5 (2.18)	4.8! (2.00)	3.1! (1.50)	458 (38.6)	‡ (†)	4.1 (0.34)	2.6! (1.29)				
Non-Hispanic .....	‡ (†)	‡ (†)	5.6! (2.29)	6.7! (2.26)	458 (46.4)	‡ (†)	4.1 (0.41)	5.8! (2.06)				
<b>First generation</b>												
Hispanic .....	6.4 (1.51)	3.5! (1.24)	4.9 (1.26)	5.3 (1.12)	1,118 (51.9)	‡ (†)	10.0 (0.45)	11.1 (2.29)				
Non-Hispanic .....	4.5 (1.01)	1.6! (0.79)	4.9! (1.53)	3.3! (1.09)	803 (55.3)	‡ (†)	7.2 (0.50)	5.0! (1.64)				
<b>Second or later generation</b>												
Hispanic .....	6.1 (1.59)	4.8 (1.16)	8.4 (2.06)	4.7 (1.41)	961 (50.4)	‡ (†)	8.6 (0.45)	8.5! (2.57)				
Non-Hispanic .....	3.0 (0.28)	3.3 (0.36)	4.4 (0.47)	4.8 (0.46)	7,382 (112.7)	357 (34.1)	66.0 (0.70)	67.1 (3.67)				
<b>Disability status<sup>7</sup></b>												
With a disability .....	— (†)	7.4 (2.20)	7.1! (2.33)	6.7! (2.17)	502 (43.1)	‡ (†)	4.5 (0.38)	6.3! (2.04)				
Without a disability .....	— (†)	3.2 (0.30)	4.8 (0.42)	4.7 (0.36)	10,678 (121.8)	498 (38.5)	95.5 (0.38)	93.7 (2.04)				
<b>Region</b>												
Northeast .....	2.9 (0.53)	2.9 (0.69)	4.1 (0.91)	4.2 (0.87)	1,944 (72.2)	‡ (†)	17.4 (0.62)	15.2 (2.99)				
Midwest .....	1.8 (0.38)	2.7 (0.59)	2.8 (0.59)	4.4 (0.72)	2,298 (71.3)	102 (16.2)	20.6 (0.59)	19.2 (2.91)				
South .....	4.1 (0.50)	4.3 (0.59)	5.3 (0.72)	5.2 (0.62)	4,265 (92.7)	222 (26.9)	38.1 (0.70)	41.7 (3.68)				
West .....	5.8 (0.72)	2.9 (0.63)	6.6 (1.01)	4.8 (0.73)	2,673 (76.1)	127 (19.6)	23.9 (0.64)	23.9 (3.36)				

—Not available.

†Not applicable.

!Interpret data with caution. The coefficient of variation (CV) for this estimate is between 30 and 50 percent.

‡Reporting standards not met. Either there are too few cases for a reliable estimate or the coefficient of variation (CV) is 50 percent or greater.

<sup>1</sup>The event dropout rate is the percentage of 15- to 24-year-olds in grades 10 through 12 who dropped out between one October and the next (e.g., the 2016 data refer to 10th- through 12th-graders who were enrolled in October 2015 but had dropped out by October 2016). Dropping out is defined as leaving school without a high school diploma or alternative credential such as a GED certificate.

<sup>2</sup>Includes all 15- to 24-year-olds who were enrolled in grades 10 through 12 in October 2015.

<sup>3</sup>Includes only those 15- to 24-year-olds who dropped out of grades 10 through 12 between October 2015 and October 2016. Dropping out is defined as leaving school without a high school diploma or alternative credential such as a GED certificate.

<sup>4</sup>Lowest quarter refers to the bottom 25 percent of all family incomes; middle low quarter refers to the 26th through the 50th percentile of all family incomes; middle high quarter refers to the 51st through the 75th percentile of all family incomes; and highest quarter refers to the top 25 percent of all family incomes.

<sup>5</sup>Age at the time of data collection. A person's age at the time of dropping out may be 1 year younger, because the dropout event could occur at any time over the previous 12-month period.

<sup>6</sup>United States refers to the 50 states, the District of Columbia, Puerto Rico, American Samoa, Guam, the U.S. Virgin Islands, and the Northern Marianas. Children born abroad to U.S.-citizen parents are counted as born in the United States. Individuals defined as "first generation" were born in the United States, but one or both of their parents were born outside the United States. Individuals defined as "second generation or higher" were born in the United States, as were both of their parents.

<sup>7</sup>Individuals identified as having a disability reported difficulty with at least one of the following: hearing, seeing even when wearing glasses, walking or climbing stairs, dressing or bathing, doing errands alone, concentrating, remembering, or making decisions.

NOTE: Data are based on sample surveys of the civilian noninstitutionalized population, which excludes persons in the military and persons living in institutions (e.g., prisons or nursing facilities). Race categories exclude persons of Hispanic ethnicity. Detail may not sum to totals because of rounding. Beginning in 2010, standard errors were computed using replicate weights, which produced more precise values than the generalized variance function methodology used in prior years.

SOURCE: U.S. Department of Commerce, Census Bureau, Current Population Survey (CPS), October, 2006 through 2016. (This table was prepared September 2017.)

**Table 219.60. Number and percentage of people taking, completing, and passing high school equivalency tests, by test taken and state or jurisdiction: 2013 and 2015**

[Standard errors appear in parentheses]

State or jurisdiction	General Educational Development (GED) test, 2013					High School Equivalency Test (HiSET), 2015					Test Assessing Secondary Completion (TASC), 2015				
	Total number of test takers <sup>1</sup>	Completers <sup>2</sup>		Passers <sup>3</sup>		Total number of test takers <sup>1</sup>	Completers <sup>2</sup>		Passers <sup>3</sup>		Total number of test takers <sup>1</sup>	Completers <sup>2,4</sup>		Passers <sup>3,4</sup>	
		Number completing test	Completion rate	Number passing test	Pass rate		Number completing test	Completion rate	Number passing test	Pass rate		Number completing test	Completion rate	Number passing test	Pass rate
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
<b>United States</b> .....	<b>816,213</b>	<b>713,960</b>	<b>87.5</b>	<b>540,535</b>	<b>75.7</b>	<b>61,600</b>	<b>47,329</b>	<b>77.4</b>	<b>27,318</b>	<b>57.7</b>	<b>49,618</b>	<b>43,547</b>	<b>87.8</b>	<b>26,060</b>	<b>59.8</b>
Alabama .....	17,189	16,621	96.7	10,560	63.5	—	—	—	—	—	—	—	—	—	—
Alaska .....	3,468	2,812	81.1	2,444	86.9	—	—	—	—	—	—	—	—	—	—
Arizona .....	23,808	20,664	86.8	16,313	78.9	—	—	—	—	—	—	—	—	—	—
Arkansas .....	8,245	8,063	97.8	6,923	85.9	—	—	—	—	—	—	—	—	—	—
California .....	64,983	57,422	88.4	44,864	78.1	12,007	8,815	73.4	4,459	50.0	—	—	—	—	—
Colorado .....	18,714	14,345	76.7	12,292	85.7	—	—	—	—	—	—	—	—	—	—
Connecticut .....	6,779	5,795	85.5	3,592	62.0	—	—	—	—	—	—	—	—	—	—
Delaware .....	1,281	1,272	99.3	1,160	91.2	—	—	—	—	—	—	—	—	—	—
District of Columbia .....	2,306	1,716	74.4	1,099	64.0	—	—	—	—	—	—	—	—	—	—
Florida .....	64,011	49,672	77.6	36,683	73.9	—	—	—	—	—	—	—	—	—	—
Georgia .....	32,705	28,732	87.9	22,178	77.2	—	—	—	—	—	—	—	—	—	—
Hawaii .....	1,402	1,339	95.5	1,137	84.9	179	162	90.5	83	51.2	—	—	—	—	—
Idaho .....	6,384	5,394	84.5	4,829	89.5	—	—	—	—	—	—	—	—	—	—
Illinois .....	35,998	32,590	90.5	22,675	69.6	—	—	—	—	—	—	—	—	—	—
Indiana .....	19,868	18,794	94.6	15,184	80.8	—	—	—	—	—	9,083	8,817	97.1	6,617	75.1
Iowa .....	5,485	4,330	78.9	4,260	98.4	3,084	1,890	61.3	1,537	81.3	—	—	—	—	—
Kansas .....	4,034	3,843	95.3	3,586	93.3	—	—	—	—	—	—	—	—	—	—
Kentucky .....	13,916	13,460	96.7	11,490	85.4	—	—	—	—	—	—	—	—	—	—
Louisiana .....	11,769	11,405	96.9	8,766	76.9	8,411	6,603	78.5	3,621	54.8	—	—	—	—	—
Maine .....	3,336	2,446	73.3	2,116	86.5	1,903	1,119	58.8	770	68.8	—	—	—	—	—
Maryland .....	11,034	9,403	85.2	6,388	67.9	—	—	—	—	—	—	—	—	—	—
Massachusetts .....	14,717	13,201	89.7	9,269	70.2	7,101	5,058	71.2	2,719	53.8	—	—	—	—	—
Michigan .....	22,233	18,029	81.1	13,641	75.7	—	—	—	—	—	—	—	—	—	—
Minnesota .....	12,094	10,143	83.9	8,753	86.3	—	—	—	—	—	—	—	—	—	—
Mississippi .....	14,087	12,982	92.2	8,479	65.3	—	—	—	—	—	—	—	—	—	—
Missouri .....	16,567	15,178	91.6	12,120	79.9	10,443	9,095	87.1	5,779	63.5	—	—	—	—	—
Montana .....	3,250	2,827	87.0	2,279	80.6	2,080	1,580	76.0	1,068	67.6	—	—	—	—	—
Nebraska .....	3,885	3,012	77.5	2,432	80.7	—	—	—	—	—	—	—	—	—	—
Nevada .....	6,946	6,677	96.1	4,979	74.6	3,003	2,594	86.4	1,420	54.7	215	191	88.8	105	55.0
New Hampshire .....	2,471	2,251	91.1	1,999	88.8	1,136	971	85.5	737	75.9	—	—	—	—	—
New Jersey .....	16,877	15,876	94.1	10,811	68.1	1,458	1,088	74.6	475	43.7	5,803	5,428	93.5	3,431	63.2
New Mexico .....	10,293	8,900	86.5	6,625	74.4	1,115	874	78.4	398	45.5	—	—	—	—	—
New York .....	56,635	52,934	93.5	31,282	59.1	—	—	—	—	—	29,822	25,901	86.9	13,437	51.9
North Carolina .....	30,957	25,163	81.3	20,780	82.6	744	403	54.2	206	51.1	—	—	—	—	—
North Dakota .....	2,009	1,512	75.3	1,322	87.4	—	—	—	—	—	—	—	—	—	—
Ohio .....	22,677	20,712	91.3	15,021	72.5	—	—	—	—	—	—	—	—	—	—
Oklahoma .....	10,349	9,448	91.3	7,368	78.0	252	174	69.0	83	47.7	—	—	—	—	—
Oregon .....	15,104	13,007	86.1	11,542	88.7	—	—	—	—	—	—	—	—	—	—
Pennsylvania .....	24,937	22,686	91.0	17,654	77.8	—	—	—	—	—	—	—	—	—	—
Rhode Island .....	3,147	2,799	88.9	2,363	84.4	—	—	—	—	—	—	—	—	—	—
South Carolina .....	13,135	11,761	89.5	8,713	74.1	—	—	—	—	—	—	—	—	—	—
South Dakota .....	2,027	1,215	59.9	1,100	90.5	—	—	—	—	—	—	—	—	—	—
Tennessee .....	16,184	15,322	94.7	11,334	74.0	7,086	6,001	84.7	3,165	52.7	—	—	—	—	—
Texas .....	58,235	50,826	87.3	37,338	73.5	—	—	—	—	—	—	—	—	—	—
Utah .....	6,253	5,821	93.1	5,212	89.5	—	—	—	—	—	—	—	—	—	—

See notes at end of table.

**Table 219.60. Number and percentage of people taking, completing, and passing high school equivalency tests, by test taken and state or jurisdiction: 2013 and 2015—Continued**  
[Standard errors appear in parentheses]

State or jurisdiction	General Educational Development (GED) test, 2013					High School Equivalency Test (HiSET), 2015					Test Assessing Secondary Completion (TASC), 2015				
	Total number of test takers <sup>1</sup>	Completers <sup>2</sup>		Passers <sup>3</sup>		Total number of test takers <sup>1</sup>	Completers <sup>2</sup>		Passers <sup>3</sup>		Total number of test takers <sup>1</sup>	Completers <sup>2,4</sup>		Passers <sup>3,4</sup>	
		Number completing test	Completion rate	Number passing test	Pass rate		Number completing test	Completion rate	Number passing test	Pass rate		Number completing test	Completion rate	Number passing test	Pass rate
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Vermont .....	980	771	78.7	685	88.8	—	—	—	—	—	—	—	—	—	—
Virginia .....	23,904	21,264	89.0	15,773	74.2	—	—	—	—	—	—	—	—	—	—
Washington .....	22,734	18,474	81.3	15,865	85.9	—	—	—	—	—	—	—	—	—	—
West Virginia .....	6,611	5,649	85.4	4,638	82.1	—	—	—	—	—	4,695	3,210	68.4	2,470	77.0
Wisconsin .....	18,248	13,811	75.7	11,137	80.6	—	—	—	—	—	—	—	—	—	—
Wyoming .....	1,952	1,591	81.5	1,482	93.1	1,135	1,187	79.5	808	68.1	—	—	—	—	—
American Samoa .....	32	29	90.6	7	24.1	9	9	100.0	5	55.6	—	—	—	—	—
Guam .....	169	159	94.1	49	30.8	13	11	84.6	5	45.5	—	—	—	—	—
Northern Marianas .....	37	24	64.9	11	45.8	63	26	41.3	16	61.5	—	—	—	—	—
Puerto Rico .....	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
U.S. Virgin Islands .....	443	319	72.0	57	17.9	—	—	—	—	—	—	—	—	—	—

—Not available.

<sup>1</sup>Test takers are people who took any portion of the specified equivalency test (i.e., one or more content-area subtests) in the given year.

<sup>2</sup>Test completers are those test takers who had tested in all five content areas of the specified equivalency test by the end of the given year and who took their final content-area subtest in the given year. People completing their final subtest in the given year may have begun testing in an earlier year.

<sup>3</sup>Test passers are those test completers who met the minimum passing standard for the specified equivalency test. In order to receive a high school equivalency credential in some jurisdictions, test takers must meet additional requirements beyond passing an equivalency test.

<sup>4</sup>In New Jersey, New York, and West Virginia, TASC test takers who had already taken a GED subtest in a given content area were not required to take the same content area of the TASC test. In New Jersey, TASC test takers who had taken a HiSET

subtest also were not required to take the same content area of the TASC test. TASC completers and passers in this table include only people who took TASC subtests for all content areas; those who took a combination of subtests from TASC and GED (or HiSET in New Jersey) are not included in the calculation of TASC completion and passing rates.

NOTE: The states and other jurisdictions decide which equivalency test(s) to offer. Detail may not sum to totals because of rounding.

SOURCE: American Council on Education, General Educational Development Testing Service, the GED Annual Statistical Report, 2013, retrieved June 28, 2017, from <http://www.gedtesting.com/educators/historical-testing-data>; Educational Testing Service, 2015 Annual Statistical Report on the HiSET Exam, retrieved June 28, 2017, from <https://hiset.ets.org/s/pdf/2015-annual-statistical-report.pdf>; Data Recognition Corporation, TASC Test 2015 Annual Statistical Report, retrieved June 28, 2017, from [http://www.ctbassessments.com/PostSecondary/GettheFacts/TASC\\_Test%202015-Annual-Statistical-Report.pdf](http://www.ctbassessments.com/PostSecondary/GettheFacts/TASC_Test%202015-Annual-Statistical-Report.pdf). (This table was prepared June 2017.)

**Table 219.65. High school completion rate of 18- to 24-year-olds not enrolled in high school (status completion rate), by sex and race/ethnicity: 1972 through 2016**

[Standard errors appear in parentheses]

Year	Status completion rate <sup>1</sup>						
	Total	Sex		Race/ethnicity			
		Male	Female	White	Black	Hispanic	Asian <sup>2</sup>
1	2	3	4	5	6	7	8
1972	82.8 (0.36)	83.0 (0.52)	82.7 (0.49)	86.0 (0.36)	72.1 (1.45)	56.2 (3.67)	— (†)
1973	83.7 (0.34)	84.0 (0.50)	83.4 (0.48)	87.0 (0.35)	71.6 (1.42)	58.7 (3.68)	— (†)
1974	83.6 (0.34)	83.4 (0.50)	83.8 (0.47)	86.7 (0.35)	72.9 (1.41)	60.1 (3.40)	— (†)
1975	83.8 (0.34)	84.1 (0.48)	83.6 (0.47)	87.2 (0.34)	70.2 (1.43)	62.2 (3.45)	— (†)
1976	83.5 (0.33)	83.0 (0.49)	84.0 (0.46)	86.4 (0.34)	73.5 (1.36)	60.3 (3.36)	— (†)
1977	83.6 (0.33)	82.8 (0.49)	84.4 (0.45)	86.7 (0.34)	73.9 (1.34)	58.6 (3.50)	— (†)
1978	83.6 (0.33)	82.8 (0.48)	84.2 (0.45)	86.9 (0.34)	73.4 (1.33)	58.8 (3.21)	— (†)
1979	83.1 (0.33)	82.1 (0.49)	84.0 (0.45)	86.5 (0.34)	72.6 (1.33)	58.5 (3.15)	— (†)
1980	83.9 (0.32)	82.3 (0.48)	85.3 (0.43)	87.5 (0.33)	75.2 (1.28)	57.1 (2.99)	— (†)
1981	83.8 (0.32)	82.0 (0.48)	85.4 (0.43)	87.1 (0.33)	76.7 (1.22)	59.1 (2.90)	— (†)
1982	83.8 (0.34)	82.7 (0.50)	84.9 (0.46)	87.0 (0.35)	76.4 (1.28)	60.9 (2.61)	— (†)
1983	83.9 (0.34)	82.1 (0.51)	85.6 (0.45)	87.4 (0.35)	76.8 (1.27)	59.4 (3.13)	— (†)
1984	84.7 (0.34)	83.3 (0.50)	85.9 (0.45)	87.5 (0.35)	80.3 (1.19)	63.7 (3.03)	— (†)
1985	85.4 (0.34)	84.0 (0.50)	86.7 (0.45)	88.2 (0.35)	81.0 (1.20)	66.6 (2.40)	— (†)
1986	85.5 (0.34)	84.2 (0.51)	86.7 (0.45)	88.8 (0.35)	81.8 (1.19)	63.5 (2.30)	— (†)
1987	84.7 (0.35)	83.6 (0.52)	85.8 (0.47)	87.7 (0.37)	81.9 (1.20)	65.1 (2.24)	— (†)
1988	84.5 (0.39)	83.2 (0.58)	85.8 (0.52)	88.6 (0.40)	80.9 (1.35)	58.2 (2.56)	— (†)
1989	84.7 (0.37)	83.2 (0.55)	86.2 (0.49)	89.0 (0.38)	81.9 (1.25)	59.4 (2.29)	89.3 (2.46)
1990	85.6 (0.36)	85.1 (0.53)	86.0 (0.50)	89.6 (0.37)	83.2 (1.22)	59.1 (2.35)	94.2 (1.72)
1991	84.9 (0.37)	83.8 (0.55)	85.9 (0.51)	89.4 (0.38)	82.5 (1.26)	56.5 (2.32)	95.2 (1.42)
1992	86.4 (0.36)	85.3 (0.53)	87.4 (0.49)	90.7 (0.36)	82.0 (1.26)	62.1 (2.32)	93.1 (1.73)
1993	86.2 (0.36)	85.4 (0.53)	86.9 (0.50)	90.1 (0.37)	81.9 (1.27)	64.4 (2.26)	93.9 (1.66)
1994	85.8 (0.36)	84.5 (0.53)	87.0 (0.49)	90.7 (0.36)	83.3 (1.19)	61.8 (2.06)	92.4 (1.83)
1995	85.0 (0.34)	84.3 (0.50)	85.7 (0.47)	89.5 (0.36)	84.1 (1.01)	62.6 (1.40)	94.8 (1.43)
1996	86.2 (0.35)	85.7 (0.50)	86.8 (0.48)	91.5 (0.34)	83.0 (1.08)	61.9 (1.49)	93.5 (1.24)
1997	85.9 (0.35)	84.6 (0.51)	87.2 (0.47)	90.5 (0.36)	82.0 (1.10)	66.7 (1.42)	90.6 (1.58)
1998	84.8 (0.36)	82.6 (0.53)	87.0 (0.47)	90.2 (0.36)	81.4 (1.11)	62.8 (1.37)	94.2 (1.22)
1999	85.9 (0.34)	84.8 (0.50)	87.0 (0.46)	91.2 (0.34)	83.5 (1.04)	63.4 (1.39)	94.0 (1.19)
2000	86.5 (0.33)	84.9 (0.49)	88.1 (0.44)	91.8 (0.33)	83.7 (1.01)	64.1 (1.36)	94.6 (1.13)
2001	86.5 (0.31)	84.6 (0.47)	88.3 (0.41)	91.1 (0.32)	85.7 (0.92)	65.7 (1.24)	96.1 (0.91)
2002	86.6 (0.31)	84.8 (0.46)	88.4 (0.41)	91.8 (0.31)	84.7 (0.95)	67.3 (1.15)	95.7 (0.89)
2003	87.1 (0.30)	85.1 (0.46)	89.2 (0.40)	91.9 (0.31)	85.0 (0.96)	69.2 (1.15)	94.8 (1.06)
2004	86.9 (0.30)	84.9 (0.46)	88.8 (0.40)	91.7 (0.31)	83.5 (0.98)	69.9 (1.12)	95.2 (1.00)
2005	87.6 (0.30)	85.4 (0.45)	89.8 (0.38)	92.3 (0.30)	86.0 (0.91)	70.3 (1.12)	96.0 (0.93)
2006	87.8 (0.29)	86.5 (0.43)	89.2 (0.39)	92.6 (0.30)	84.9 (0.93)	70.9 (1.11)	95.8 (0.95)
2007	89.0 (0.28)	87.4 (0.42)	90.6 (0.37)	93.5 (0.28)	88.8 (0.80)	72.7 (1.07)	92.8 (1.23)
2008	89.9 (0.27)	89.3 (0.39)	90.5 (0.37)	94.2 (0.26)	86.9 (0.86)	75.5 (1.03)	95.5 (1.01)
2009	89.8 (0.27)	88.3 (0.40)	91.2 (0.35)	93.8 (0.27)	87.1 (0.84)	76.8 (1.00)	97.6 (0.72)
2010	90.4 (0.35)	89.2 (0.53)	91.6 (0.38)	93.7 (0.38)	89.2 (1.08)	79.4 (1.21)	95.3 (1.26)
2011	90.8 (0.35)	89.9 (0.50)	91.8 (0.46)	93.8 (0.39)	90.1 (0.98)	82.2 (1.04)	94.1 (1.48)
2012	91.3 (0.33)	90.3 (0.47)	92.3 (0.45)	94.6 (0.38)	90.0 (1.01)	82.8 (1.02)	95.3 (1.24)
2013	92.0 (0.35)	91.4 (0.47)	92.6 (0.45)	94.3 (0.38)	91.5 (1.13)	85.0 (0.98)	96.3 (1.27)
2014	92.4 (0.32)	91.8 (0.46)	93.1 (0.38)	94.2 (0.40)	91.7 (0.91)	87.1 (0.88)	98.8 (0.47)
2015	93.0 (0.33)	92.5 (0.44)	93.4 (0.45)	94.7 (0.36)	91.9 (0.91)	88.4 (0.93)	97.3 (0.75)
2016	92.9 (0.32)	91.6 (0.46)	94.3 (0.37)	94.5 (0.36)	92.2 (1.02)	89.1 (0.81)	96.8 (0.75)

—Not available.

†Not applicable.

<sup>1</sup>The status completion rate is the number of 18- to 24-year-olds who are high school completers as a percentage of the total number of 18- to 24-year-olds who are not enrolled in high school or a lower level of education. High school completers include those with a high school diploma, as well as those with an alternative credential, such as a GED.

<sup>2</sup>Prior to 2003, Asian data include Pacific Islanders.

NOTE: Data are based on sample surveys of the civilian noninstitutionalized population, which excludes persons in the military and persons living in institutions (e.g., prisons

or nursing facilities). Because of changes in data collection procedures, data for 1992 and later years may not be comparable with figures for prior years. Beginning in 2010, standard errors were computed using replicate weights, which produced more precise values than the generalized variance function methodology used in prior years. Race categories exclude persons of Hispanic ethnicity. Totals include other racial/ethnic groups not separately shown.

SOURCE: U.S. Department of Commerce, Census Bureau, Current Population Survey (CPS), October, 1972 through 2016. (This table was prepared September 2017.)

**Table 219.67. Number and high school completion rate of 18- to 24-year-olds not enrolled in high school (status completion rate), by selected characteristics: Selected years, 2006 through 2016**  
[Standard errors appear in parentheses]

Selected characteristic	Status completion rate <sup>1</sup>				2016			
					Number of 18- to 24-year-olds not enrolled in high school (in thousands)		Percentage distribution of 18- to 24-year-olds not enrolled in high school	
	2006	2011	2015	2016	Total population <sup>2</sup>	Status completers only <sup>3</sup>	Total population <sup>2</sup>	Status completers only <sup>3</sup>
1	2	3	4	5	6	7	8	9
<b>Total</b> .....	<b>87.8 (0.29)</b>	<b>90.8 (0.35)</b>	<b>93.0 (0.33)</b>	<b>92.9 (0.32)</b>	<b>28,035 (107.3)</b>	<b>26,052 (135.7)</b>	<b>100.0 (†)</b>	<b>100.0 (†)</b>
<b>Sex</b>								
Male .....	86.5 (0.43)	89.9 (0.50)	92.5 (0.44)	91.6 (0.46)	13,984 (90.5)	12,809 (101.7)	49.9 (0.34)	49.2 (0.36)
Female .....	89.2 (0.39)	91.8 (0.46)	93.4 (0.45)	94.3 (0.37)	14,050 (123.7)	13,243 (129.5)	50.1 (0.34)	50.8 (0.36)
<b>Race/ethnicity</b>								
White .....	92.6 (0.30)	93.8 (0.39)	94.7 (0.36)	94.5 (0.36)	15,463 (81.9)	14,608 (90.5)	55.2 (0.26)	56.1 (0.30)
Black .....	84.9 (0.93)	90.1 (0.98)	91.9 (0.91)	92.2 (1.02)	3,879 (62.9)	3,577 (70.4)	13.8 (0.22)	13.7 (0.26)
Hispanic .....	70.9 (1.11)	82.2 (1.04)	88.4 (0.93)	89.1 (0.81)	6,125 (57.1)	5,454 (70.1)	21.8 (0.19)	20.9 (0.23)
Asian .....	95.8 (0.95)	94.1 (1.48)	97.3 (0.75)	96.8 (0.75)	1,572 (50.5)	1,522 (50.6)	5.6 (0.17)	5.8 (0.19)
Pacific Islander .....	96.1 (3.33)	94.1 (3.07)	94.2 (4.80)	83.6 (7.71)	81 (15.0)	68 (13.6)	0.3 (0.05)	0.3 (0.05)
American Indian/Alaska Native .....	81.6 (4.84)	79.5 (5.39)	81.8 (5.03)	75.3 (4.48)	273 (35.4)	206 (28.7)	1.0 (0.13)	0.8 (0.11)
Two or more races .....	89.7 (2.28)	93.3 (1.69)	94.1 (1.71)	96.2 (1.35)	641 (48.1)	616 (47.5)	2.3 (0.17)	2.4 (0.18)
<b>Race/ethnicity by sex</b>								
<b>Male</b>								
White .....	92.0 (0.43)	93.0 (0.53)	94.2 (0.50)	93.8 (0.47)	7,741 (69.1)	7,262 (75.5)	55.4 (0.38)	56.7 (0.47)
Black .....	86.1 (1.32)	88.9 (1.44)	92.2 (1.34)	88.7 (1.64)	1,873 (44.3)	1,661 (47.3)	13.4 (0.28)	13.0 (0.34)
Hispanic .....	65.7 (1.60)	80.9 (1.46)	87.9 (1.16)	86.8 (1.41)	3,069 (42.1)	2,664 (55.4)	21.9 (0.28)	20.8 (0.38)
Asian .....	95.2 (1.42)	94.7 (1.89)	96.4 (1.19)	97.4 (0.93)	808 (31.9)	787 (32.6)	5.8 (0.23)	6.1 (0.25)
Pacific Islander .....	†	†	†	†	†	†	0.2 (0.06)	0.2 (0.06)
American Indian/Alaska Native .....	78.8 (6.98)	84.0 (5.82)	79.7 (8.34)	70.3 (6.53)	131 (19.1)	92 (15.9)	0.9 (0.14)	0.7 (0.12)
Two or more races .....	90.8 (3.11)	92.9 (2.78)	91.7 (2.83)	95.3 (2.40)	332 (30.4)	317 (30.2)	2.4 (0.22)	2.5 (0.24)
<b>Female</b>								
White .....	93.2 (0.40)	94.5 (0.48)	95.2 (0.46)	95.1 (0.47)	7,722 (75.2)	7,347 (80.9)	55.0 (0.35)	55.5 (0.39)
Black .....	83.9 (1.31)	91.1 (1.40)	91.7 (1.29)	95.5 (1.02)	2,006 (38.1)	1,916 (40.4)	14.3 (0.29)	14.5 (0.31)
Hispanic .....	76.6 (1.49)	83.7 (1.27)	89.0 (1.32)	91.3 (0.99)	3,056 (43.0)	2,790 (46.0)	21.7 (0.27)	21.1 (0.31)
Asian .....	96.4 (1.26)	93.5 (2.25)	98.2 (0.99)	96.2 (1.16)	764 (36.4)	735 (36.6)	5.4 (0.23)	5.6 (0.25)
Pacific Islander .....	†	†	†	†	†	†	0.4 (0.09)	0.3 (0.09)
American Indian/Alaska Native .....	84.7 (6.58)	75.1 (6.92)	83.9 (5.72)	79.8 (5.71)	142 (23.1)	113 (18.5)	1.0 (0.16)	0.9 (0.14)
Two or more races .....	88.7 (3.32)	93.7 (2.58)	96.2 (2.03)	97.1 (1.31)	308 (29.5)	299 (29.5)	2.2 (0.20)	2.3 (0.21)
<b>Age</b>								
18 and 19 .....	87.7 (0.59)	91.2 (0.60)	90.1 (0.79)	91.4 (0.66)	6,696 (75.9)	6,118 (87.4)	23.9 (0.21)	23.5 (0.27)
20 and 21 .....	87.7 (0.54)	91.0 (0.58)	93.7 (0.51)	93.3 (0.56)	8,106 (149.5)	7,560 (150.6)	28.9 (0.54)	29.0 (0.57)
22 to 24 .....	88.0 (0.43)	90.6 (0.55)	93.9 (0.41)	93.5 (0.42)	13,232 (168.8)	12,374 (168.3)	47.2 (0.58)	47.5 (0.62)
<b>Recency of immigration<sup>4</sup></b>								
<b>Born outside the United States</b>								
Hispanic .....	56.7 (1.82)	66.0 (2.28)	78.9 (2.34)	79.8 (1.99)	1,494 (80.9)	1,192 (73.9)	5.3 (0.29)	4.6 (0.28)
Non-Hispanic .....	88.7 (1.45)	92.5 (1.71)	94.6 (1.25)	94.4 (1.16)	1,561 (78.6)	1,474 (74.7)	5.6 (0.28)	5.7 (0.29)
<b>First generation</b>								
Hispanic .....	83.6 (1.67)	89.9 (1.31)	91.8 (1.14)	92.0 (1.09)	2,475 (81.8)	2,276 (78.4)	8.8 (0.29)	8.7 (0.30)
Non-Hispanic .....	95.1 (0.77)	96.1 (0.92)	97.8 (0.54)	96.7 (0.82)	1,898 (90.1)	1,835 (89.0)	6.8 (0.32)	7.0 (0.34)
<b>Second generation or higher</b>								
Hispanic .....	80.4 (1.87)	87.2 (1.46)	90.0 (1.53)	92.2 (1.23)	2,155 (79.5)	1,986 (76.8)	7.7 (0.28)	7.6 (0.29)
Non-Hispanic .....	91.3 (0.30)	92.7 (0.37)	93.8 (0.36)	93.7 (0.37)	18,450 (118.4)	17,289 (130.1)	65.8 (0.38)	66.4 (0.41)
<b>Disability<sup>5</sup></b>								
With a disability .....	— (†)	81.7 (2.21)	83.5 (1.90)	83.8 (2.00)	1,008 (64.5)	844 (61.6)	3.6 (0.23)	3.2 (0.24)
Without a disability .....	— (†)	91.1 (0.36)	93.4 (0.33)	93.3 (0.33)	27,027 (126.8)	25,208 (149.8)	96.4 (0.23)	96.8 (0.24)
<b>Region</b>								
Northeast .....	91.5 (0.56)	92.1 (0.72)	95.2 (0.67)	95.0 (0.64)	4,975 (129.5)	4,725 (126.2)	17.7 (0.45)	18.1 (0.48)
Midwest .....	91.7 (0.50)	91.1 (0.74)	93.9 (0.71)	92.6 (0.75)	6,000 (129.2)	5,555 (125.3)	21.4 (0.46)	21.3 (0.48)
South .....	85.1 (0.57)	90.7 (0.62)	91.3 (0.55)	92.0 (0.56)	10,090 (152.9)	9,284 (156.3)	36.0 (0.52)	35.6 (0.56)
West .....	85.8 (0.68)	90.0 (0.80)	93.2 (0.60)	93.1 (0.61)	6,970 (148.4)	6,488 (147.9)	24.9 (0.51)	24.9 (0.55)

—Not available.

†Not applicable.

‡Reporting standards not met (too few cases for a reliable estimate).

<sup>1</sup>The status completion rate is the number of 18- to 24-year-olds who are high school completers as a percentage of the total number of 18- to 24-year-olds who are not enrolled in high school or a lower level of education. High school completers include those with a high school diploma, as well as those with an alternative credential, such as a GED.

<sup>2</sup>Includes all 18- to 24-year-olds who are not enrolled in high school or a lower level of education.

<sup>3</sup>Status completers are 18- to 24-year-olds who are not enrolled in high school or a lower level of education and who also are high school completers—that is, have either a high school diploma or an alternative credential, such as a GED.

<sup>4</sup>United States refers to the 50 states, the District of Columbia, Puerto Rico, American Samoa, Guam, the U.S. Virgin Islands, and the Northern Marianas. Children born abroad

to U.S.-citizen parents are counted as born in the United States. Individuals defined as "first generation" were born in the United States, but one or both of their parents were born outside the United States. Individuals defined as "second generation or higher" were born in the United States, as were both of their parents.

<sup>5</sup>Individuals identified as having a disability reported difficulty in at least one of the following: hearing, seeing even when wearing glasses, walking or climbing stairs, dressing or bathing, doing errands alone, concentrating, remembering, or making decisions.

NOTE: Data are based on sample surveys of the civilian noninstitutionalized population, which excludes persons in the military and persons living in institutions (e.g., prisons or nursing facilities). Race categories exclude persons of Hispanic ethnicity. Detail may not sum to totals because of rounding and the suppression of cells that do not meet National Center for Education Statistics reporting standards.

SOURCE: U.S. Department of Commerce, Census Bureau, Current Population Survey (CPS), October, 2006 through 2016. (This table was prepared September 2017.)

**Table 219.70. Percentage of high school dropouts among persons 16 to 24 years old (status dropout rate), by sex and race/ethnicity: Selected years, 1960 through 2016**

[Standard errors appear in parentheses]

Year	Total status dropout rate				Male status dropout rate				Female status dropout rate			
	All races <sup>1</sup>	White	Black	Hispanic	All races <sup>1</sup>	White	Black	Hispanic	All races <sup>1</sup>	White	Black	Hispanic
1	2	3	4	5	6	7	8	9	10	11	12	13
1960 <sup>2</sup>	27.2 (—)	— (†)	— (†)	— (†)	27.8 (—)	— (†)	— (†)	— (†)	26.7 (—)	— (†)	— (†)	— (†)
1967 <sup>3</sup>	17.0 (—)	15.4 (—)	28.6 (—)	— (†)	16.5 (—)	14.7 (—)	30.6 (—)	— (†)	17.3 (—)	16.1 (—)	26.9 (—)	— (†)
1968 <sup>3</sup>	16.2 (—)	14.7 (—)	27.4 (—)	— (†)	15.8 (—)	14.4 (—)	27.1 (—)	— (†)	16.5 (—)	15.0 (—)	27.6 (—)	— (†)
1969 <sup>3</sup>	15.2 (—)	13.6 (—)	26.7 (—)	— (†)	14.3 (—)	12.6 (—)	26.9 (—)	— (†)	16.0 (—)	14.6 (—)	26.7 (—)	— (†)
1970 <sup>3</sup>	15.0 (0.30)	13.2 (0.30)	27.9 (1.25)	— (†)	14.2 (0.42)	12.2 (0.43)	29.4 (1.87)	— (†)	15.7 (0.42)	14.1 (0.43)	26.6 (1.69)	— (†)
1971 <sup>3</sup>	14.7 (0.29)	13.4 (0.30)	24.0 (1.17)	— (†)	14.2 (0.41)	12.6 (0.42)	25.5 (1.74)	— (†)	15.2 (0.41)	14.2 (0.42)	22.6 (1.58)	— (†)
1972	14.6 (0.28)	12.3 (0.29)	21.3 (1.09)	34.3 (2.93)	14.1 (0.40)	11.6 (0.41)	22.3 (1.63)	33.7 (4.26)	15.1 (0.40)	12.8 (0.42)	20.5 (1.48)	34.8 (4.03)
1973	14.1 (0.28)	11.6 (0.28)	22.2 (1.09)	33.5 (2.96)	13.7 (0.39)	11.5 (0.40)	21.5 (1.57)	30.4 (4.17)	14.5 (0.39)	11.8 (0.40)	22.8 (1.51)	36.4 (4.18)
1974	14.3 (0.28)	11.9 (0.28)	21.2 (1.07)	33.0 (2.74)	14.2 (0.39)	12.0 (0.41)	20.1 (1.55)	33.8 (3.94)	14.3 (0.39)	11.8 (0.40)	22.1 (1.49)	32.2 (3.82)
1975	13.9 (0.27)	11.4 (0.28)	22.9 (1.08)	29.2 (2.67)	13.3 (0.38)	11.0 (0.39)	23.0 (1.60)	26.7 (3.75)	14.5 (0.38)	11.8 (0.39)	22.9 (1.48)	31.6 (3.78)
1976	14.1 (0.27)	12.0 (0.28)	20.5 (1.03)	31.4 (2.66)	14.1 (0.39)	12.1 (0.40)	21.2 (1.53)	30.3 (3.88)	14.2 (0.38)	11.8 (0.39)	19.9 (1.39)	32.3 (3.64)
1977	14.1 (0.27)	11.9 (0.28)	19.8 (1.00)	33.0 (2.65)	14.5 (0.39)	12.6 (0.41)	19.5 (1.47)	31.6 (3.79)	13.8 (0.37)	11.2 (0.38)	20.0 (1.38)	34.3 (3.71)
1978	14.2 (0.27)	11.9 (0.28)	20.2 (1.01)	33.3 (2.62)	14.6 (0.39)	12.2 (0.40)	22.5 (1.54)	33.6 (3.77)	13.9 (0.37)	11.6 (0.39)	18.3 (1.32)	33.1 (3.65)
1979	14.6 (0.27)	12.0 (0.28)	21.1 (1.02)	33.8 (2.60)	15.0 (0.39)	12.6 (0.40)	22.4 (1.53)	33.0 (3.71)	14.2 (0.37)	11.5 (0.39)	20.0 (1.36)	34.5 (3.63)
1980	14.1 (0.27)	11.4 (0.27)	19.1 (0.98)	35.2 (2.47)	15.1 (0.39)	12.3 (0.40)	20.8 (1.48)	37.2 (3.57)	13.1 (0.36)	10.5 (0.37)	17.7 (1.29)	33.2 (3.42)
1981	13.9 (0.26)	11.3 (0.27)	18.4 (0.94)	33.2 (2.36)	15.1 (0.39)	12.5 (0.40)	19.9 (1.41)	36.0 (3.42)	12.8 (0.35)	10.2 (0.37)	17.1 (1.25)	30.4 (3.25)
1982	13.9 (0.28)	11.4 (0.29)	18.4 (0.99)	31.7 (2.51)	14.5 (0.40)	12.0 (0.43)	21.2 (1.52)	30.5 (3.57)	13.3 (0.38)	10.8 (0.40)	15.9 (1.28)	32.8 (3.53)
1983	13.7 (0.28)	11.1 (0.29)	18.0 (0.98)	31.6 (2.51)	14.9 (0.41)	12.2 (0.43)	19.9 (1.48)	34.3 (3.71)	12.5 (0.38)	10.1 (0.40)	16.2 (1.30)	29.1 (3.41)
1984	13.1 (0.28)	11.0 (0.29)	15.5 (0.93)	29.8 (2.49)	14.0 (0.41)	11.9 (0.43)	16.8 (1.39)	30.6 (3.62)	12.3 (0.38)	10.1 (0.40)	14.3 (1.24)	29.0 (3.42)
1985	12.6 (0.28)	10.4 (0.29)	15.2 (0.93)	27.6 (1.93)	13.4 (0.40)	11.1 (0.43)	16.1 (1.39)	29.9 (2.77)	11.8 (0.37)	9.8 (0.40)	14.3 (1.25)	25.2 (2.68)
1986	12.2 (0.27)	9.7 (0.29)	14.2 (0.91)	30.1 (1.88)	13.1 (0.40)	10.3 (0.42)	15.0 (1.36)	32.8 (2.67)	11.4 (0.37)	9.1 (0.39)	13.5 (1.23)	27.2 (2.64)
1987	12.6 (0.28)	10.4 (0.30)	14.1 (0.92)	28.6 (1.85)	13.2 (0.41)	10.8 (0.43)	15.0 (1.37)	29.1 (2.58)	12.1 (0.39)	10.0 (0.41)	13.3 (1.23)	28.1 (2.65)
1988	12.9 (0.31)	9.6 (0.32)	14.5 (1.01)	35.8 (2.17)	13.5 (0.45)	10.3 (0.47)	15.0 (1.50)	36.0 (3.02)	12.2 (0.42)	8.9 (0.43)	14.0 (1.38)	35.4 (3.13)
1989	12.6 (0.30)	9.4 (0.31)	13.9 (0.94)	33.0 (1.92)	13.6 (0.43)	10.3 (0.45)	14.9 (1.41)	34.4 (2.70)	11.7 (0.40)	8.5 (0.41)	13.0 (1.27)	31.6 (2.73)
1990	12.1 (0.29)	9.0 (0.30)	13.2 (0.94)	32.4 (1.91)	12.3 (0.42)	9.3 (0.44)	11.9 (1.30)	34.3 (2.71)	11.8 (0.41)	8.7 (0.42)	14.4 (1.34)	30.3 (2.70)
1991	12.5 (0.30)	8.9 (0.31)	13.6 (0.95)	35.3 (1.93)	13.0 (0.43)	8.9 (0.44)	13.5 (1.37)	39.2 (2.74)	11.9 (0.41)	8.9 (0.43)	13.7 (1.31)	31.1 (2.70)
1992 <sup>4</sup>	11.0 (0.28)	7.7 (0.29)	13.7 (0.95)	29.4 (1.86)	11.3 (0.41)	8.0 (0.42)	12.5 (1.31)	32.1 (2.67)	10.7 (0.39)	7.4 (0.40)	14.8 (1.35)	26.6 (2.56)
1993 <sup>4</sup>	11.0 (0.28)	7.9 (0.29)	13.6 (0.94)	27.5 (1.79)	11.2 (0.40)	8.2 (0.42)	12.6 (1.32)	28.1 (2.54)	10.9 (0.40)	7.6 (0.41)	14.4 (1.34)	26.9 (2.51)
1994 <sup>4</sup>	11.4 (0.28)	7.7 (0.29)	12.6 (0.89)	30.0 (1.66)	12.3 (0.41)	8.0 (0.41)	14.1 (1.34)	31.6 (2.30)	10.6 (0.38)	7.5 (0.40)	11.3 (1.17)	28.1 (2.38)
1995 <sup>4</sup>	12.0 (0.27)	8.6 (0.28)	12.1 (0.75)	30.0 (1.15)	12.2 (0.38)	9.0 (0.40)	11.1 (1.05)	30.0 (1.59)	11.7 (0.37)	8.2 (0.39)	12.9 (1.06)	30.0 (1.66)
1996 <sup>4</sup>	11.1 (0.27)	7.3 (0.27)	13.0 (0.80)	29.4 (1.19)	11.4 (0.38)	7.3 (0.38)	13.5 (1.18)	30.3 (1.67)	10.9 (0.38)	7.3 (0.39)	12.5 (1.08)	28.3 (1.69)
1997 <sup>4</sup>	11.0 (0.27)	7.6 (0.28)	13.4 (0.80)	25.3 (1.11)	11.9 (0.39)	8.5 (0.41)	13.3 (1.16)	27.0 (1.55)	10.1 (0.36)	6.7 (0.37)	13.5 (1.11)	23.4 (1.59)
1998 <sup>4</sup>	11.8 (0.27)	7.7 (0.28)	13.8 (0.81)	29.5 (1.12)	13.3 (0.40)	8.6 (0.41)	15.5 (1.23)	33.5 (1.59)	10.3 (0.36)	6.9 (0.37)	12.2 (1.05)	25.0 (1.56)
1999 <sup>4</sup>	11.2 (0.26)	7.3 (0.27)	12.6 (0.77)	28.6 (1.11)	11.9 (0.38)	7.7 (0.39)	12.1 (1.10)	31.0 (1.58)	10.5 (0.36)	6.9 (0.37)	13.0 (1.08)	26.0 (1.54)
2000 <sup>4</sup>	10.9 (0.26)	6.9 (0.26)	13.1 (0.78)	27.8 (1.08)	12.0 (0.38)	7.0 (0.37)	15.3 (1.20)	31.8 (1.56)	9.9 (0.35)	6.9 (0.37)	11.1 (1.00)	23.5 (1.48)
2001 <sup>4</sup>	10.7 (0.24)	7.3 (0.25)	10.9 (0.68)	27.0 (1.01)	12.2 (0.36)	7.9 (0.37)	13.0 (1.06)	31.6 (1.47)	9.3 (0.32)	6.7 (0.34)	9.0 (0.86)	22.1 (1.35)
2002 <sup>4</sup>	10.5 (0.24)	6.5 (0.24)	11.3 (0.70)	25.7 (0.93)	11.8 (0.35)	6.7 (0.35)	12.8 (1.07)	29.6 (1.32)	9.2 (0.32)	6.3 (0.34)	9.9 (0.91)	21.2 (1.27)
2003 <sup>4,5</sup>	9.9 (0.23)	6.3 (0.24)	10.9 (0.69)	23.5 (0.90)	11.3 (0.34)	7.1 (0.35)	12.5 (1.05)	26.7 (1.29)	8.4 (0.30)	5.6 (0.32)	9.5 (0.89)	20.1 (1.23)
2004 <sup>4,5</sup>	10.3 (0.23)	6.8 (0.24)	11.8 (0.70)	23.8 (0.89)	11.6 (0.34)	7.1 (0.35)	13.5 (1.08)	28.5 (1.30)	9.0 (0.31)	6.4 (0.34)	10.2 (0.92)	18.5 (1.18)
2005 <sup>4,5</sup>	9.4 (0.22)	6.0 (0.23)	10.4 (0.66)	22.4 (0.87)	10.8 (0.33)	6.6 (0.34)	12.0 (1.02)	26.4 (1.26)	8.0 (0.29)	5.3 (0.31)	9.0 (0.86)	18.1 (1.16)
2006 <sup>4,5</sup>	9.3 (0.22)	5.8 (0.23)	10.7 (0.66)	22.1 (0.86)	10.3 (0.33)	6.4 (0.33)	9.7 (0.91)	25.7 (1.25)	8.3 (0.30)	5.3 (0.31)	11.7 (0.96)	18.1 (1.15)
2007 <sup>4,5</sup>	8.7 (0.21)	5.3 (0.22)	8.4 (0.59)	21.4 (0.83)	9.8 (0.32)	6.0 (0.32)	8.0 (0.82)	24.7 (1.22)	7.7 (0.29)	4.5 (0.28)	8.8 (0.84)	18.0 (1.13)
2008 <sup>4,5</sup>	8.0 (0.20)	4.8 (0.21)	9.9 (0.63)	18.3 (0.78)	8.5 (0.30)	5.4 (0.30)	8.7 (0.85)	19.9 (1.12)	7.5 (0.28)	4.2 (0.28)	11.1 (0.93)	16.7 (1.08)
2009 <sup>4,5</sup>	8.1 (0.20)	5.2 (0.21)	9.3 (0.61)	17.6 (0.76)	9.1 (0.31)	6.3 (0.33)	10.6 (0.93)	19.0 (1.10)	7.0 (0.27)	4.1 (0.27)	8.1 (0.80)	16.1 (1.06)
2010 <sup>4,5,6</sup>	7.4 (0.27)	5.1 (0.30)	8.0 (0.76)	15.1 (0.87)	8.5 (0.40)	5.9 (0.42)	9.5 (1.11)	17.3 (1.24)	6.3 (0.28)	4.2 (0.35)	6.7 (0.85)	12.8 (0.97)
2011 <sup>4,5,6</sup>	7.1 (0.26)	5.0 (0.31)	7.3 (0.67)	13.6 (0.78)	7.7 (0.36)	5.4 (0.41)	8.3 (0.98)	14.6 (1.09)	6.5 (0.34)	4.6 (0.38)	6.4 (0.94)	12.4 (0.97)
2012 <sup>4,5,6</sup>	6.6 (0.25)	4.3 (0.31)	7.5 (0.76)	12.7 (0.72)	7.3 (0.36)	4.8 (0.40)	8.1 (1.15)	13.9 (1.04)	5.9 (0.33)	3.8 (0.37)	7.0 (1.01)	11.3 (1.00)
2013 <sup>4,5,6</sup>	6.8 (0.28)	5.1 (0.31)	7.3 (0.87)	11.7 (0.74)	7.2 (0.37)	5.5 (0.39)	8.2 (1.11)	12.6 (1.01)	6.3 (0.34)	4.7 (0.36)	6.6 (1.07)	10.8 (0.98)
2014 <sup>4,5,6</sup>	6.5 (0.25)	5.2 (0.32)	7.4 (0.74)	10.6 (0.68)	7.1 (0.37)	5.7 (0.42)	7.1 (1.02)	11.8 (1.04)	5.9 (0.29)	4.8 (0.41)	7.7 (1.02)	9.3 (0.84)
2015 <sup>4,5,6</sup>	5.9 (0.26)	4.6 (0.29)	6.5 (0.70)	9.2 (0.71)	6.3 (0.37)	5.0 (0.40)	6.4 (1.04)	9.9 (0.93)	5.4 (0.33)	4.1 (0.37)	6.5 (0.98)	8.4 (0.97)
2016 <sup>4,5,6</sup>	6.1 (0.27)	5.2 (0.31)	6.2 (0.80)	8.6 (0.64)	7.1 (0.38)	5.8 (0.42)	8.2 (1.22)	10.1 (1.06)	5.1 (0.31)	4.6 (0.39)	4.3 (0.84)	7.0 (0.76)

—Not available.

†Not applicable.

<sup>1</sup>Includes other racial/ethnic groups not separately shown.

<sup>2</sup>Based on the April 1960 decennial census.

<sup>3</sup>For 1967 through 1971, White and Black include persons of Hispanic ethnicity.

<sup>4</sup>Because of changes in data collection procedures, data may not be comparable with figures for years prior to 1992.

<sup>5</sup>White and Black exclude persons of Two or more races.

<sup>6</sup>Beginning in 2010, standard errors were computed using replicate weights, which produced more precise values than the generalized variance function methodology used in prior years.

NOTE: "Status" dropouts are 16- to 24-year-olds who are not enrolled in school and who have not completed a high school program, regardless of when they left school. People who have received GED credentials are counted as high school completers. All data except for 1960 are based on October counts. Data are based on sample surveys of the civilian noninstitutionalized population, which excludes persons in the military and persons living in institutions (e.g., prisons or nursing facilities). Race categories exclude persons of Hispanic ethnicity except where otherwise noted.

SOURCE: U.S. Department of Commerce, Census Bureau, Current Population Survey (CPS), October, 1967 through 2016. (This table was prepared September 2017.)

**Table 219.71. Population 16 to 24 years old and number of 16- to 24-year-old high school dropouts (status dropouts), by sex and race/ethnicity: Selected years, 1970 through 2016**

[Standard errors appear in parentheses]

Year	Total				Males				Females			
	All races <sup>1</sup>	White	Black	Hispanic	All races <sup>1</sup>	White	Black	Hispanic	All races <sup>1</sup>	White	Black	Hispanic
1	2	3	4	5	6	7	8	9	10	11	12	13
Population 16 to 24 years old (in thousands)												
1970 <sup>2</sup>	30,251 (260.7)	26,241 (245.8)	3,669 (93.6)	— (†)	14,260 (175.6)	12,403 (165.7)	1,703 (62.5)	— (†)	15,991 (177.3)	13,838 (167.3)	1,966 (63.7)	— (†)
1975	34,700 (275.4)	27,867 (252.0)	4,310 (99.3)	1,962 (85.3)	16,925 (188.0)	13,711 (172.8)	1,992 (66.2)	940 (58.3)	17,775 (184.7)	14,157 (168.9)	2,319 (67.4)	1,022 (57.3)
1976	35,222 (277.0)	28,146 (253.1)	4,429 (100.2)	2,060 (87.1)	17,210 (189.3)	13,925 (173.9)	2,054 (66.9)	944 (58.4)	18,012 (185.6)	14,221 (169.2)	2,375 (67.9)	1,115 (59.4)
1977	35,658 (278.3)	28,393 (254.0)	4,516 (100.9)	2,123 (88.3)	17,431 (190.2)	14,027 (174.4)	2,086 (67.2)	1,018 (60.4)	18,227 (186.4)	14,366 (169.9)	2,430 (68.4)	1,106 (59.2)
1978	35,931 (279.1)	28,490 (254.3)	4,584 (101.4)	2,183 (89.3)	17,582 (190.8)	14,084 (174.7)	2,113 (67.5)	1,059 (61.5)	18,349 (186.9)	14,406 (170.1)	2,471 (68.8)	1,123 (59.6)
1979	36,131 (279.7)	28,602 (254.8)	4,618 (101.7)	2,242 (90.4)	17,708 (191.4)	14,172 (175.2)	2,128 (67.7)	1,085 (62.1)	18,423 (187.2)	14,430 (170.2)	2,490 (69.0)	1,157 (60.3)
1980	36,143 (279.7)	28,253 (253.5)	4,651 (101.9)	2,518 (95.0)	17,715 (191.4)	13,979 (174.2)	2,148 (67.9)	1,240 (65.8)	18,428 (187.2)	14,274 (169.5)	2,503 (69.1)	1,277 (62.8)
1981	36,945 (282.1)	28,483 (254.3)	4,895 (103.7)	2,684 (97.5)	18,167 (193.2)	14,111 (174.9)	2,286 (69.2)	1,333 (67.8)	18,778 (188.5)	14,372 (169.9)	2,608 (69.9)	1,352 (64.3)
1982	36,452 (296.5)	27,979 (266.7)	4,912 (109.6)	2,598 (102.1)	17,938 (203.2)	13,841 (183.3)	2,303 (73.3)	1,263 (70.3)	18,514 (198.1)	14,139 (178.4)	2,609 (73.9)	1,335 (67.9)
1983	35,884 (294.7)	27,385 (264.3)	4,907 (109.6)	2,587 (101.9)	17,712 (202.2)	13,616 (182.0)	2,329 (73.6)	1,242 (69.8)	18,172 (196.7)	13,769 (176.4)	2,573 (73.6)	1,345 (68.1)
1984	35,204 (292.6)	26,758 (261.8)	4,890 (109.5)	2,558 (101.4)	17,387 (200.8)	13,325 (180.4)	2,329 (73.6)	1,226 (69.4)	17,817 (195.3)	13,433 (174.7)	2,561 (73.5)	1,332 (67.8)
1985	34,382 (289.9)	25,772 (257.7)	4,749 (108.4)	2,887 (89.9)	16,892 (198.5)	12,715 (176.9)	2,239 (72.7)	1,472 (63.1)	17,490 (193.9)	13,057 (172.6)	2,510 (73.0)	1,415 (58.6)
1986	33,945 (288.4)	24,959 (254.2)	4,698 (108.0)	3,206 (93.7)	16,709 (197.7)	12,276 (174.3)	2,222 (72.5)	1,667 (66.4)	17,236 (192.9)	12,684 (170.5)	2,476 (72.7)	1,538 (60.5)
1987	33,452 (286.8)	24,479 (252.1)	4,631 (107.5)	3,234 (94.1)	16,458 (196.5)	12,058 (173.0)	2,176 (72.0)	1,680 (66.6)	16,994 (191.8)	12,420 (169.1)	2,455 (72.5)	1,554 (60.7)
1988	32,893 (310.4)	23,908 (272.0)	4,584 (116.7)	3,267 (105.6)	16,134 (212.5)	11,725 (186.3)	2,156 (78.2)	1,696 (74.7)	16,759 (207.9)	12,184 (182.7)	2,429 (78.7)	1,571 (68.2)
1989	32,007 (291.9)	22,947 (254.0)	4,593 (111.1)	3,459 (100.0)	15,783 (200.2)	11,314 (174.4)	2,193 (74.8)	1,783 (70.5)	16,224 (195.2)	11,634 (170.3)	2,399 (74.6)	1,676 (64.7)
1990	31,443 (289.8)	22,360 (251.1)	4,487 (110.2)	3,443 (99.8)	15,502 (198.8)	11,059 (172.7)	2,117 (73.9)	1,773 (70.4)	15,941 (193.8)	11,302 (168.2)	2,370 (74.3)	1,669 (64.6)
1991	31,171 (288.8)	21,883 (248.8)	4,475 (110.1)	3,519 (100.7)	15,408 (198.3)	10,819 (171.0)	2,126 (74.0)	1,829 (71.2)	15,763 (193.0)	11,064 (166.7)	2,350 (74.1)	1,690 (64.9)
1992 <sup>3</sup>	30,944 (287.9)	21,697 (247.9)	4,527 (110.6)	3,476 (100.2)	15,375 (198.1)	10,826 (171.1)	2,169 (74.5)	1,760 (70.2)	15,569 (192.0)	10,871 (165.5)	2,358 (74.2)	1,716 (65.3)
1993 <sup>3</sup>	30,845 (287.5)	21,499 (246.9)	4,536 (110.7)	3,595 (101.5)	15,355 (198.0)	10,742 (170.5)	2,179 (74.6)	1,802 (70.8)	15,490 (191.6)	10,757 (164.7)	2,357 (74.2)	1,793 (66.3)
1994 <sup>3</sup>	32,560 (293.9)	22,080 (249.8)	4,805 (112.8)	4,411 (109.3)	16,304 (202.8)	11,016 (172.4)	2,298 (75.9)	2,355 (77.9)	16,257 (195.3)	11,064 (166.7)	2,507 (75.7)	2,056 (69.5)
1995 <sup>3</sup>	32,379 (293.2)	21,991 (249.3)	4,732 (112.2)	4,485 (109.9)	16,208 (202.3)	11,062 (172.7)	2,236 (75.3)	2,338 (77.7)	16,170 (194.9)	10,929 (165.8)	2,496 (75.6)	2,147 (70.5)
1996 <sup>3</sup>	32,452 (304.7)	21,527 (256.4)	4,745 (116.6)	4,481 (114.1)	16,296 (210.5)	10,836 (177.7)	2,251 (78.2)	2,313 (80.4)	16,156 (202.3)	10,690 (170.5)	2,494 (78.4)	2,168 (73.4)
1997 <sup>3</sup>	32,960 (306.6)	21,800 (257.8)	4,847 (117.4)	4,660 (115.6)	16,619 (212.1)	11,001 (178.8)	2,308 (78.9)	2,487 (82.3)	16,341 (203.2)	10,799 (171.3)	2,540 (78.8)	2,173 (73.4)
1998 <sup>3</sup>	33,445 (308.3)	21,920 (258.4)	4,893 (117.7)	5,034 (118.5)	16,854 (213.3)	11,067 (179.3)	2,305 (78.8)	2,683 (84.2)	16,592 (204.4)	10,854 (171.6)	2,588 (79.3)	2,351 (75.2)
1999 <sup>3</sup>	34,169 (310.9)	22,408 (260.9)	4,939 (118.1)	5,060 (118.7)	17,106 (214.5)	11,325 (181.1)	2,336 (79.2)	2,603 (83.5)	17,063 (206.6)	11,084 (173.2)	2,603 (79.4)	2,457 (76.2)
2000 <sup>3</sup>	34,568 (312.4)	22,574 (261.8)	5,058 (119.0)	5,237 (120.0)	17,402 (215.9)	11,390 (181.5)	2,417 (80.0)	2,725 (84.6)	17,166 (207.0)	11,184 (173.9)	2,641 (79.7)	2,513 (76.7)
2001 <sup>3</sup>	35,167 (298.5)	22,874 (249.9)	5,119 (113.3)	5,344 (114.6)	17,663 (206.1)	11,598 (173.6)	2,418 (75.9)	2,744 (80.5)	17,504 (198.0)	11,276 (165.6)	2,701 (76.2)	2,601 (73.4)
2002 <sup>3</sup>	35,495 (299.6)	22,358 (247.4)	4,991 (112.4)	6,120 (118.9)	17,893 (207.2)	11,183 (170.9)	2,375 (75.5)	3,281 (84.3)	17,602 (198.4)	11,175 (165.0)	2,617 (75.5)	2,838 (75.0)
2003 <sup>3,4</sup>	36,017 (301.3)	22,565 (248.4)	4,973 (115.6)	6,103 (118.8)	18,099 (208.1)	11,329 (171.9)	2,385 (78.1)	3,214 (83.9)	17,918 (199.7)	11,236 (165.4)	2,588 (77.7)	2,888 (75.3)
2004 <sup>3,4</sup>	36,504 (302.8)	22,654 (248.8)	5,048 (116.3)	6,301 (119.8)	18,406 (209.4)	11,395 (172.3)	2,425 (78.5)	3,326 (84.6)	18,097 (200.5)	11,259 (165.5)	2,623 (78.0)	2,975 (75.8)
2005 <sup>3,4</sup>	36,761 (303.6)	22,806 (249.6)	5,111 (116.8)	6,364 (120.1)	18,547 (210.0)	11,492 (173.0)	2,457 (78.9)	3,341 (84.6)	18,214 (201.0)	11,314 (165.9)	2,654 (78.4)	3,023 (76.0)
2006 <sup>3,4</sup>	37,047 (304.5)	22,863 (249.8)	5,260 (118.0)	6,439 (120.4)	18,707 (210.7)	11,537 (173.3)	2,573 (80.1)	3,357 (84.7)	18,340 (201.5)	11,327 (165.9)	2,688 (78.7)	3,083 (76.3)
2007 <sup>3,4</sup>	37,480 (305.9)	22,962 (250.3)	5,363 (118.7)	6,632 (121.2)	18,940 (211.6)	11,641 (173.9)	2,639 (80.7)	3,447 (85.2)	18,541 (202.3)	11,320 (165.9)	2,724 (79.1)	3,186 (76.8)
2008 <sup>3,4</sup>	37,569 (306.2)	22,956 (250.3)	5,387 (118.9)	6,721 (121.5)	18,948 (211.7)	11,628 (173.8)	2,616 (80.5)	3,472 (85.3)	18,621 (202.6)	11,328 (165.9)	2,771 (79.5)	3,249 (77.1)
2009 <sup>3,4</sup>	37,616 (306.3)	22,809 (249.6)	5,445 (119.4)	6,809 (121.9)	18,949 (211.7)	11,542 (173.3)	2,633 (80.7)	3,497 (85.4)	18,667 (202.8)	11,267 (165.6)	2,812 (79.9)	3,313 (77.3)
2010 <sup>3,4,5</sup>	37,949 (#)	22,607 (38.0)	5,450 (33.5)	7,193 (10.0)	19,126 (#)	11,437 (27.6)	2,609 (24.1)	3,714 (5.8)	18,823 (#)	11,170 (24.6)	2,841 (20.2)	3,479 (8.6)
2011 <sup>3,4,5</sup>	38,205 (133.8)	22,359 (138.0)	5,444 (86.7)	7,656 (59.0)	19,430 (40.3)	11,290 (36.9)	2,627 (58.2)	4,123 (41.9)	18,775 (135.4)	11,068 (133.6)	2,817 (36.2)	3,533 (23.1)
2012 <sup>3,4,5</sup>	38,800 (306.3)	21,708 (137.5)	5,540 (64.1)	8,201 (73.5)	19,557 (266.3)	10,963 (120.5)	2,699 (47.9)	4,241 (85.8)	19,243 (54.1)	10,745 (44.8)	2,841 (35.0)	3,959 (22.9)
2013 <sup>3,4,5</sup>	38,804 (210.7)	21,542 (196.8)	5,570 (48.4)	8,263 (43.2)	19,561 (150.8)	10,911 (119.0)	2,708 (40.5)	4,248 (30.3)	19,243 (71.7)	10,631 (89.5)	2,863 (33.1)	4,015 (22.0)
2014 <sup>3,4,5</sup>	38,650 (67.1)	21,290 (111.6)	5,590 (99.2)	8,345 (61.6)	19,484 (46.7)	10,775 (67.6)	2,739 (31.6)	4,278 (41.7)	19,166 (57.8)	10,515 (57.9)	2,851 (81.4)	4,066 (26.8)
2015 <sup>3,4,5</sup>	38,491 (66.4)	21,161 (80.4)	5,502 (54.0)	8,412 (32.5)	19,392 (58.4)	10,715 (58.5)	2,703 (49.2)	4,280 (29.2)	19,099 (51.5)	10,446 (46.8)	2,799 (57.2)	4,132 (27.0)
2016 <sup>3,4,5</sup>	38,367 (57.6)	20,887 (55.8)	5,378 (51.9)	8,512 (34.5)	19,338 (75.5)	10,582 (65.8)	2,639 (38.4)	4,321 (24.1)	19,030 (105.1)	10,305 (59.4)	2,740 (31.3)	4,191 (23.1)

See notes at end of table.

**Table 219.71. Population 16 to 24 years old and number of 16- to 24-year-old high school dropouts (status dropouts), by sex and race/ethnicity: Selected years, 1970 through 2016—Continued**

[Standard errors appear in parentheses]

Year	Total				Males				Females			
	All races <sup>1</sup>	White	Black	Hispanic	All races <sup>1</sup>	White	Black	Hispanic	All races <sup>1</sup>	White	Black	Hispanic
1	2	3	4	5	6	7	8	9	10	11	12	13
Number of 16- to 24-year-old (status) dropouts (in thousands)												
1970 <sup>2</sup>	4,525 (90.1)	3,459 (79.6)	1,022 (46.0)	— (†)	2,022 (60.5)	1,508 (52.9)	500 (31.8)	— (†)	2,503 (66.7)	1,951 (59.5)	522 (33.2)	— (†)
1975	4,824 (93.6)	3,185 (77.1)	987 (46.7)	573 (52.3)	2,248 (64.1)	1,509 (53.2)	457 (31.8)	251 (35.2)	2,577 (68.2)	1,676 (55.8)	530 (34.2)	323 (38.6)
1976	4,981 (95.0)	3,366 (79.1)	908 (45.5)	646 (54.7)	2,432 (66.4)	1,688 (55.9)	435 (31.4)	286 (36.7)	2,549 (67.9)	1,678 (55.9)	473 (33.0)	360 (40.6)
1977	5,031 (95.5)	3,374 (79.2)	893 (45.3)	701 (56.3)	2,519 (67.4)	1,767 (57.1)	407 (30.6)	322 (38.5)	2,512 (67.6)	1,607 (54.9)	487 (33.4)	379 (41.0)
1978	5,114 (96.2)	3,384 (79.3)	928 (46.1)	728 (57.2)	2,572 (68.1)	1,715 (56.4)	475 (32.5)	356 (39.9)	2,541 (68.0)	1,670 (55.8)	453 (32.6)	371 (41.0)
1979	5,265 (97.4)	3,433 (79.8)	975 (47.0)	758 (58.2)	2,650 (69.0)	1,779 (57.3)	477 (32.6)	358 (40.2)	2,614 (68.8)	1,653 (55.6)	499 (33.8)	400 (42.0)
1980	5,085 (96.0)	3,211 (77.5)	889 (45.4)	885 (62.2)	2,672 (69.2)	1,715 (56.3)	446 (31.8)	462 (44.2)	2,413 (66.5)	1,496 (53.2)	444 (32.4)	424 (43.7)
1981	5,143 (96.6)	3,232 (77.7)	901 (45.9)	891 (63.4)	2,746 (70.1)	1,762 (57.0)	454 (32.3)	480 (45.5)	2,397 (66.4)	1,470 (52.8)	447 (32.6)	411 (43.9)
1982	5,055 (101.5)	3,202 (81.9)	902 (48.6)	823 (65.3)	2,601 (72.5)	1,668 (58.9)	488 (35.1)	386 (45.0)	2,454 (71.0)	1,534 (56.9)	414 (33.4)	437 (47.2)
1983	4,905 (100.1)	3,053 (80.1)	882 (48.1)	816 (65.1)	2,631 (72.8)	1,661 (58.7)	463 (34.5)	426 (46.0)	2,274 (68.6)	1,392 (54.4)	418 (33.5)	391 (45.8)
1984	4,626 (97.5)	2,952 (78.8)	758 (45.3)	762 (63.6)	2,438 (70.4)	1,592 (57.6)	391 (32.3)	375 (44.4)	2,188 (67.4)	1,360 (53.8)	367 (31.8)	387 (45.6)
1985	4,324 (94.6)	2,688 (75.5)	719 (44.2)	797 (55.8)	2,264 (68.1)	1,406 (54.4)	360 (31.1)	440 (40.8)	2,060 (65.6)	1,282 (52.3)	360 (31.4)	357 (38.0)
1986	4,142 (92.8)	2,418 (71.9)	667 (42.8)	966 (60.4)	2,183 (67.0)	1,260 (51.7)	333 (30.1)	547 (44.6)	1,959 (64.1)	1,158 (49.9)	334 (30.4)	419 (40.6)
1987	4,230 (93.5)	2,538 (73.4)	653 (42.4)	926 (59.8)	2,169 (66.7)	1,299 (52.4)	326 (29.8)	490 (43.3)	2,061 (65.5)	1,239 (51.4)	327 (30.1)	437 (41.2)
1988	4,232 (101.8)	2,301 (76.5)	664 (46.5)	926 (60.4)	2,168 (71.0)	1,214 (55.3)	323 (32.3)	611 (51.3)	2,049 (71.1)	1,087 (52.8)	341 (33.4)	557 (49.2)
1989	4,038 (94.6)	2,152 (70.3)	639 (43.4)	1,142 (66.4)	2,145 (68.6)	1,160 (51.4)	327 (30.8)	613 (48.1)	1,893 (65.1)	991 (48.0)	312 (30.5)	529 (45.7)
1990	3,797 (92.0)	2,007 (68.1)	594 (42.0)	1,114 (65.9)	1,909 (65.2)	1,027 (48.6)	252 (27.6)	608 (48.0)	1,887 (65.0)	980 (47.6)	342 (31.7)	506 (45.1)
1991	3,881 (92.8)	1,953 (67.2)	609 (42.4)	1,241 (68.0)	2,001 (66.4)	967 (47.3)	288 (29.2)	717 (50.1)	1,880 (64.8)	985 (47.7)	321 (30.8)	525 (45.7)
1992 <sup>3</sup>	3,410 (87.7)	1,676 (62.6)	621 (42.8)	1,022 (64.5)	1,742 (62.6)	866 (45.0)	271 (28.5)	565 (47.0)	1,668 (61.5)	810 (43.6)	350 (31.9)	457 (43.9)
1993 <sup>3</sup>	3,396 (87.5)	1,707 (63.1)	615 (42.7)	989 (64.3)	1,715 (62.2)	884 (45.4)	275 (28.7)	507 (45.8)	1,681 (61.6)	823 (43.9)	340 (31.5)	483 (45.1)
1994 <sup>3</sup>	3,727 (91.5)	1,709 (63.2)	607 (42.6)	1,322 (73.0)	2,000 (66.7)	880 (45.3)	324 (30.8)	744 (54.2)	1,727 (62.6)	829 (44.1)	284 (29.3)	578 (48.9)
1995 <sup>3</sup>	3,876 (86.5)	1,887 (61.5)	571 (35.3)	1,345 (51.6)	1,978 (61.7)	996 (44.6)	249 (23.4)	701 (37.2)	1,898 (60.6)	891 (42.4)	322 (26.4)	644 (35.7)
1996 <sup>3</sup>	3,611 (87.1)	1,569 (58.7)	615 (37.9)	1,315 (53.2)	1,854 (62.3)	792 (41.7)	304 (26.5)	701 (38.6)	1,757 (60.9)	777 (41.3)	312 (27.0)	614 (36.6)
1997 <sup>3</sup>	3,624 (87.4)	1,656 (60.2)	649 (38.8)	1,180 (51.8)	1,970 (64.1)	934 (45.0)	306 (26.7)	671 (38.6)	1,654 (59.3)	722 (39.9)	343 (28.2)	509 (34.5)
1998 <sup>3</sup>	3,942 (90.7)	1,697 (60.9)	675 (39.5)	1,487 (56.8)	2,241 (67.8)	950 (45.3)	358 (28.5)	899 (42.7)	1,701 (60.1)	747 (40.6)	317 (27.3)	587 (36.6)
1999 <sup>3</sup>	3,829 (89.7)	1,636 (59.9)	621 (38.1)	1,445 (56.1)	2,032 (65.1)	873 (43.7)	282 (25.8)	807 (41.2)	1,797 (61.7)	763 (41.0)	338 (28.1)	638 (37.9)
2000 <sup>3</sup>	3,776 (89.2)	1,564 (58.7)	663 (39.3)	1,456 (56.6)	2,082 (65.8)	795 (41.8)	369 (28.9)	866 (42.4)	1,694 (60.1)	769 (41.2)	294 (26.4)	590 (37.1)
2001 <sup>3</sup>	3,766 (84.6)	1,668 (57.4)	557 (34.6)	1,442 (53.8)	2,151 (63.4)	916 (42.4)	314 (25.7)	865 (40.3)	1,615 (55.9)	752 (38.7)	243 (23.1)	577 (35.1)
2002 <sup>3</sup>	3,721 (84.2)	1,457 (53.9)	564 (34.7)	1,472 (56.6)	2,108 (63.0)	752 (38.7)	305 (25.2)	971 (43.3)	1,612 (55.9)	705 (37.5)	259 (23.7)	601 (36.1)
2003 <sup>3,4</sup>	3,552 (82.6)	1,431 (53.4)	544 (34.2)	1,437 (54.9)	2,045 (62.2)	802 (39.8)	298 (25.1)	858 (41.5)	1,506 (54.2)	630 (35.6)	246 (23.2)	579 (35.6)
2004 <sup>3,4</sup>	3,766 (84.8)	1,530 (55.1)	594 (35.5)	1,499 (56.0)	2,140 (63.5)	808 (40.0)	326 (26.1)	949 (43.1)	1,626 (56.2)	722 (37.9)	268 (24.1)	549 (35.1)
2005 <sup>3,4</sup>	3,458 (81.7)	1,358 (52.2)	534 (33.9)	1,429 (55.1)	2,009 (61.8)	760 (38.9)	295 (25.0)	883 (42.2)	1,449 (53.3)	599 (34.8)	239 (22.9)	546 (35.0)
2006 <sup>3,4</sup>	3,462 (81.8)	1,337 (51.8)	565 (34.9)	1,421 (55.1)	1,935 (60.8)	739 (38.4)	250 (23.3)	864 (42.0)	1,527 (54.6)	598 (34.7)	315 (25.9)	557 (35.4)
2007 <sup>3,4</sup>	3,278 (79.8)	1,210 (49.4)	451 (31.6)	1,422 (55.4)	1,859 (59.8)	704 (37.5)	212 (21.7)	850 (41.9)	1,419 (52.8)	507 (32.1)	239 (22.9)	572 (35.9)
2008 <sup>3,4</sup>	3,010 (76.8)	1,103 (47.3)	535 (34.1)	1,232 (52.5)	1,606 (56.0)	623 (35.4)	227 (22.3)	690 (39.0)	1,403 (52.6)	480 (31.3)	308 (25.7)	541 (35.2)
2009 <sup>3,4</sup>	3,030 (77.0)	1,188 (49.0)	508 (33.3)	1,199 (52.1)	1,731 (57.9)	725 (38.0)	280 (24.5)	665 (38.4)	1,299 (50.7)	464 (30.8)	228 (22.5)	534 (35.1)
2010 <sup>3,4,5</sup>	2,816 (100.8)	1,147 (67.9)	437 (41.5)	1,090 (62.3)	1,625 (77.3)	675 (48.4)	247 (29.2)	644 (46.2)	1,192 (53.0)	472 (38.7)	190 (24.1)	446 (33.9)
2011 <sup>3,4,5</sup>	2,714 (99.1)	1,118 (68.1)	400 (37.5)	1,040 (60.1)	1,501 (69.9)	614 (46.0)	218 (26.4)	602 (44.9)	1,213 (64.6)	505 (42.9)	182 (27.2)	439 (34.0)
2012 <sup>3,4,5</sup>	2,562 (101.1)	930 (67.7)	418 (42.3)	1,040 (59.0)	1,427 (74.2)	526 (43.8)	219 (31.2)	591 (46.1)	1,135 (63.8)	404 (39.4)	199 (28.9)	449 (39.6)
2013 <sup>3,4,5</sup>	2,622 (109.3)	1,100 (66.7)	409 (48.4)	969 (61.2)	1,406 (73.6)	596 (42.8)	221 (29.9)	536 (43.1)	1,216 (66.0)	504 (38.5)	188 (31.1)	432 (39.5)
2014 <sup>3,4,5</sup>	2,527 (94.9)	1,114 (68.1)	415 (42.8)	882 (57.4)	1,389 (71.1)	612 (44.6)	195 (27.9)	506 (45.4)	1,138 (55.7)	502 (43.2)	219 (30.5)	377 (33.9)
2015 <sup>3,4,5</sup>	2,254 (99.1)	965 (61.5)	356 (38.2)	771 (59.8)	1,220 (70.8)	534 (43.4)	174 (28.2)	424 (40.2)	1,034 (63.3)	432 (38.7)	182 (28.1)	347 (40.2)
2016 <sup>3,4,5</sup>	2,334 (102.8)	1,084 (64.8)	333 (43.4)	731 (54.3)	1,371 (74.2)	612 (43.6)	216 (32.5)	436 (45.5)	964 (58.3)	472 (40.2)	117 (23.3)	295 (32.3)

—Not available.

†Not applicable.

#Rounds to zero.

<sup>1</sup>Includes other racial/ethnic groups not separately shown.

<sup>2</sup>For 1970, White and Black include persons of Hispanic ethnicity.

<sup>3</sup>Because of changes in data collection procedures, data may not be comparable with figures for years prior to 1992.

<sup>4</sup>White and Black exclude persons of Two or more races.

<sup>5</sup>Beginning in 2010, standard errors were computed using replicate weights, which produced more precise values than the generalized variance function methodology used in prior years.

NOTE: "Status" dropouts are 16- to 24-year-olds who are not enrolled in school and who have not completed a high school program, regardless of when they left school. People who have received GED credentials are counted as high school completers. All data are based on October counts. Data are based on sample surveys of the civilian noninstitutionalized population, which excludes persons in the military and persons living in institutions (e.g., prisons or nursing facilities). Race categories exclude persons of Hispanic ethnicity except where otherwise noted. Detail may not sum to totals because of rounding.

SOURCE: U.S. Department of Commerce, Census Bureau, Current Population Survey (CPS), October, 1970 through 2016. (This table was prepared September 2017.)

**Table 219.73. Percentage of high school dropouts among persons 16 to 24 years old (status dropout rate) and number and percentage distribution of 16- to 24-year-olds, by selected characteristics: Selected years, 2006 through 2016**

[Standard errors appear in parentheses]

Selected characteristic	Status dropout rate <sup>1</sup>				2016			
					Number of 16- to 24-year-olds (in thousands)		Percentage distribution of 16- to 24-year-olds	
	2006	2011	2015	2016	Total population <sup>2</sup>	Status dropouts only <sup>3</sup>	Total population <sup>2</sup>	Status dropouts only <sup>3</sup>
1	2	3	4	5	6	7	8	9
<b>Total</b>	<b>9.3 (0.22)</b>	<b>7.1 (0.26)</b>	<b>5.9 (0.26)</b>	<b>6.1 (0.27)</b>	<b>38,367 (57.6)</b>	<b>2,334 (102.8)</b>	<b>100.0 (†)</b>	<b>100.0 (†)</b>
<b>Sex</b>								
Male	10.3 (0.33)	7.7 (0.36)	6.3 (0.37)	7.1 (0.38)	19,338 (75.5)	1,371 (74.2)	50.4 (0.23)	58.7 (1.78)
Female	8.3 (0.30)	6.5 (0.34)	5.4 (0.33)	5.1 (0.31)	19,030 (105.1)	964 (58.3)	49.6 (0.23)	41.3 (1.78)
<b>Race/ethnicity</b>								
White	5.8 (0.23)	5.0 (0.31)	4.6 (0.29)	5.2 (0.31)	20,887 (55.8)	1,084 (64.8)	54.4 (0.15)	46.4 (2.16)
Black	10.7 (0.66)	7.3 (0.67)	6.5 (0.70)	6.2 (0.80)	5,378 (51.9)	333 (43.4)	14.0 (0.14)	14.3 (1.67)
Hispanic	22.1 (0.86)	13.6 (0.78)	9.2 (0.71)	8.6 (0.64)	8,512 (34.5)	731 (54.3)	22.2 (0.07)	31.3 (1.84)
Asian	3.7 (0.77)	4.3 (1.09)	3.4 (0.85)	2.9 (0.61)	2,091 (44.7)	† (†)	5.4 (0.11)	2.6 (0.54)
Pacific Islander	† (†)	4.4! (2.07)	† (†)	18.2! (7.11)	116 (20.0)	† (†)	0.3 (0.05)	0.9! (0.40)
American Indian/Alaska Native	14.7 (3.62)	15.0 (3.88)	14.4 (3.75)	18.2 (3.38)	386 (44.7)	70 (15.8)	1.0 (0.12)	3.0 (0.67)
Two or more races	7.0 (1.49)	4.6 (1.22)	4.5 (1.16)	3.4! (1.10)	996 (50.0)	† (†)	2.6 (0.13)	1.5! (0.46)
<b>Race/ethnicity by sex</b>								
<b>Male</b>								
White	6.4 (0.33)	5.4 (0.41)	5.0 (0.40)	5.8 (0.42)	10,582 (65.8)	612 (43.6)	54.7 (0.22)	44.7 (2.66)
Black	9.7 (0.91)	8.3 (0.98)	6.4 (1.04)	8.2 (1.22)	2,639 (38.4)	216 (32.5)	13.6 (0.18)	15.8 (2.19)
Hispanic	25.7 (1.25)	14.6 (1.09)	9.9 (0.93)	10.1 (1.06)	4,321 (24.1)	436 (45.5)	22.3 (0.14)	31.8 (2.52)
Asian	4.6 (1.21)	3.8! (1.40)	4.0 (1.13)	2.9 (0.86)	1,053 (22.8)	† (†)	5.4 (0.12)	2.3 (0.67)
Pacific Islander	† (†)	† (†)	† (†)	† (†)	59 (14.4)	† (†)	0.3 (0.07)	† (†)
American Indian/Alaska Native	16.8! (5.14)	9.9! (3.80)	14.4! (5.86)	22.3 (4.88)	182 (25.3)	† (†)	0.9 (0.13)	3.0 (0.73)
Two or more races	7.0! (2.16)	4.9! (2.00)	4.5! (1.80)	4.6! (1.97)	503 (29.7)	† (†)	2.6 (0.15)	1.7! (0.74)
<b>Female</b>								
White	5.3 (0.31)	4.6 (0.38)	4.1 (0.37)	4.6 (0.39)	10,305 (59.4)	472 (40.2)	54.2 (0.20)	49.0 (3.11)
Black	11.7 (0.96)	6.4 (0.94)	6.5 (0.98)	4.3 (0.84)	2,740 (31.3)	117 (23.3)	14.4 (0.19)	12.1 (2.26)
Hispanic	18.1 (1.15)	12.4 (0.97)	8.4 (0.97)	7.0 (0.76)	4,191 (23.1)	295 (32.3)	22.0 (0.10)	30.6 (2.66)
Asian	2.7! (0.93)	4.9! (1.57)	2.8! (1.01)	2.9! (0.88)	1,038 (33.9)	† (†)	5.5 (0.16)	3.1! (0.93)
Pacific Islander	† (†)	† (†)	† (†)	† (†)	58 (12.9)	† (†)	0.3 (0.07)	† (†)
American Indian/Alaska Native	12.1! (4.98)	19.7 (5.03)	14.3! (4.53)	14.6 (4.36)	205 (26.0)	† (†)	1.1 (0.13)	3.1! (1.09)
Two or more races	7.0 (2.06)	4.3! (1.83)	4.4! (1.80)	2.2! (0.93)	493 (31.2)	† (†)	2.6 (0.16)	1.1! (0.45)
<b>Family income<sup>4</sup></b>								
Lowest quarter	16.5 (0.58)	13.0 (0.73)	9.9 (0.69)	9.7 (0.69)	9,294 (216.3)	900 (66.2)	24.2 (0.56)	38.5 (2.16)
Middle low quarter	12.1 (0.51)	9.0 (0.53)	7.4 (0.60)	7.3 (0.55)	8,886 (197.0)	649 (50.4)	23.2 (0.51)	27.8 (1.76)
Middle high quarter	6.3 (0.37)	4.8 (0.45)	4.3 (0.39)	5.4 (0.50)	9,311 (195.5)	499 (47.7)	24.3 (0.51)	21.4 (1.81)
Highest quarter	3.8 (0.27)	2.3 (0.32)	2.4 (0.31)	2.6 (0.28)	10,876 (200.6)	286 (31.7)	28.3 (0.53)	12.3 (1.34)
<b>Age</b>								
16	2.8 (0.36)	2.2 (0.44)	4.6 (0.60)	4.9 (0.60)	4,246 (47.4)	207 (25.7)	11.1 (0.13)	8.9 (1.02)
17	5.0 (0.49)	3.5 (0.46)	3.3 (0.45)	5.1 (0.60)	4,229 (51.8)	215 (25.6)	11.0 (0.13)	9.2 (1.03)
18	8.6 (0.64)	5.4 (0.57)	7.0 (0.77)	6.7 (0.77)	4,203 (51.1)	281 (32.8)	11.0 (0.14)	12.0 (1.35)
19	9.7 (0.68)	7.5 (0.73)	8.0 (0.83)	6.2 (0.73)	4,063 (51.2)	251 (30.1)	10.6 (0.13)	10.8 (1.19)
20 to 24	11.8 (0.33)	9.0 (0.41)	6.0 (0.32)	6.4 (0.35)	21,626 (62.0)	1,379 (75.6)	56.4 (0.09)	59.1 (1.83)
<b>Recency of immigration<sup>5</sup></b>								
<b>Born outside the United States</b>								
Hispanic	37.2 (1.61)	28.8 (2.04)	17.4 (1.89)	15.9 (1.71)	1,885 (91.7)	300 (33.2)	4.9 (0.24)	12.8 (1.28)
Non-Hispanic	7.4 (1.08)	5.7 (1.31)	4.7 (1.05)	4.6 (0.96)	1,985 (97.8)	92 (20.0)	5.2 (0.25)	3.9 (0.85)
<b>First generation</b>								
Hispanic	11.3 (1.15)	7.5 (0.97)	6.1 (0.87)	6.4 (0.80)	3,589 (93.1)	231 (29.9)	9.4 (0.24)	9.9 (1.18)
Non-Hispanic	4.1 (0.58)	2.6 (0.64)	2.4 (0.56)	3.1 (0.60)	2,663 (113.6)	82 (16.3)	6.9 (0.30)	3.5 (0.69)
<b>Second generation or higher</b>								
Hispanic	14.3 (1.33)	9.9 (1.10)	8.4 (1.15)	6.6 (0.99)	3,038 (93.7)	200 (31.0)	7.9 (0.24)	8.6 (1.30)
Non-Hispanic	6.9 (0.23)	5.7 (0.28)	5.2 (0.29)	5.7 (0.31)	25,207 (134.0)	1,429 (78.7)	65.7 (0.34)	61.2 (2.05)
<b>Disability<sup>6</sup></b>								
With a disability	— (†)	14.3 (1.62)	12.6 (1.38)	12.4 (1.50)	1,485 (82.1)	183 (22.3)	3.9 (0.21)	7.9 (0.99)
Without a disability	— (†)	6.9 (0.27)	5.6 (0.26)	5.8 (0.28)	36,883 (108.9)	2,151 (103.1)	96.1 (0.21)	92.1 (0.99)
<b>Region</b>								
Northeast	6.5 (0.42)	6.5 (0.59)	4.3 (0.57)	4.4 (0.50)	6,650 (140.8)	294 (33.5)	17.3 (0.37)	12.6 (1.34)
Midwest	6.1 (0.37)	6.6 (0.54)	5.0 (0.55)	6.5 (0.66)	8,137 (148.2)	528 (54.4)	21.2 (0.39)	22.6 (2.05)
South	11.7 (0.43)	7.4 (0.45)	7.0 (0.43)	6.8 (0.44)	14,207 (158.2)	971 (62.7)	37.0 (0.41)	41.6 (1.99)
West	10.9 (0.52)	7.6 (0.60)	5.9 (0.49)	5.8 (0.46)	9,373 (148.6)	542 (44.1)	24.4 (0.38)	23.2 (1.66)

—Not available.

†Not applicable.

!Interpret data with caution. The coefficient of variation (CV) for this estimate is 30 percent or greater.

‡Reporting standards not met. Either there are too few cases for a reliable estimate or the coefficient of variation (CV) is 50 percent or greater.

<sup>1</sup>The status dropout rate is the percentage of 16- to 24-year-olds who are not enrolled in high school and who lack a high school credential. High school credentials include high school diplomas and alternative credentials, such as a GED certificate.

<sup>2</sup>Includes all 16- to 24-year-olds.

<sup>3</sup>Status dropouts are 16- to 24-year-olds who are not enrolled in high school and who lack a high school credential. High school credentials include high school diplomas and alternative credentials, such as a GED certificate.

<sup>4</sup>Lowest quarter refers to the bottom 25 percent of all family incomes; middle low quarter refers to the 26th through the 50th percentile of all family incomes; middle high quarter refers to the 51st through the 75th percentile of all family incomes; and highest quarter refers to the top 25 percent of all family incomes.

<sup>5</sup>United States refers to the 50 states, the District of Columbia, Puerto Rico, American

Samoa, Guam, the U.S. Virgin Islands, and the Northern Marianas. Children born abroad to U.S.-citizen parents are counted as born in the United States. Individuals defined as "first generation" were born in the United States, but one or both of their parents were born outside the United States. Individuals defined as "second generation or higher" were born in the United States, as were both of their parents.

<sup>6</sup>Individuals identified as having a disability reported difficulty in at least one of the following: hearing, seeing even when wearing glasses, walking or climbing stairs, dressing or bathing, doing errands alone, concentrating, remembering, or making decisions.

NOTE: Data are based on sample surveys of the civilian noninstitutionalized population, which excludes persons in the military and persons living in institutions (e.g., prisons or nursing facilities). Race categories exclude persons of Hispanic ethnicity. Detail may not sum to totals because of rounding and the suppression of cells that do not meet National Center for Education Statistics reporting standards. Beginning in 2010, standard errors were computed using replicate weights, which produced more precise values than the generalized variance function methodology used in prior years.

SOURCE: U.S. Department of Commerce, Census Bureau, Current Population Survey (CPS), October, 2006 through 2016. (This table was prepared September 2017.)

**Table 219.75. Percentage of high school dropouts among persons 16 to 24 years old (status dropout rate), by income level, and percentage distribution of status dropouts, by labor force status and years of school completed: Selected years, 1970 through 2016**

[Standard errors appear in parentheses]

Year	Status dropout rate	Status dropout rate, by family income <sup>1</sup>				Percentage distribution of status dropouts, by labor force status <sup>2</sup>				Percentage distribution of status dropouts, by years of school completed				
		Lowest quarter	Middle low quarter	Middle high quarter	Highest quarter	Total	In labor force		Not in labor force	Total	Less than 9 years	9 years	10 years	11 or 12 years
							Employed <sup>3</sup>	Unemployed						
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
1970	15.0 (0.30)	28.0 (0.94)	21.2 (0.66)	11.7 (0.51)	5.2 (0.34)	100.0 (†)	49.8 (1.08)	10.3 (0.66)	39.9 (1.06)	100.0 (†)	28.5 (0.98)	20.6 (0.87)	26.8 (0.96)	24.0 (0.92)
1975	13.9 (0.27)	28.8 (0.84)	18.0 (0.59)	10.2 (0.46)	5.0 (0.31)	100.0 (†)	46.0 (1.04)	15.6 (0.76)	38.4 (1.02)	100.0 (†)	23.5 (0.89)	21.1 (0.85)	27.5 (0.93)	27.9 (0.94)
1976	14.1 (0.27)	28.1 (0.80)	19.2 (0.61)	10.1 (0.46)	4.9 (0.30)	100.0 (†)	48.8 (1.03)	16.0 (0.75)	35.2 (0.98)	100.0 (†)	24.3 (0.88)	20.1 (0.82)	27.8 (0.92)	27.8 (0.92)
1977	14.1 (0.27)	28.5 (0.81)	19.0 (0.60)	10.4 (0.46)	4.5 (0.29)	100.0 (†)	52.9 (1.02)	13.6 (0.70)	33.6 (0.97)	100.0 (†)	24.3 (0.88)	21.7 (0.84)	27.3 (0.91)	26.6 (0.91)
1978	14.2 (0.27)	28.2 (0.81)	18.9 (0.61)	10.5 (0.46)	5.5 (0.31)	100.0 (†)	54.3 (1.01)	12.4 (0.67)	33.3 (0.96)	100.0 (†)	22.9 (0.85)	20.2 (0.81)	28.2 (0.91)	28.8 (0.92)
1979	14.6 (0.27)	28.1 (0.79)	18.5 (0.60)	11.5 (0.48)	5.6 (0.32)	100.0 (†)	54.0 (1.00)	12.7 (0.67)	33.3 (0.94)	100.0 (†)	22.6 (0.84)	21.0 (0.82)	28.6 (0.90)	27.8 (0.90)
1980	14.1 (0.27)	27.0 (0.77)	18.1 (0.60)	10.7 (0.46)	5.7 (0.32)	100.0 (†)	50.4 (1.02)	17.0 (0.77)	32.6 (0.95)	100.0 (†)	23.6 (0.86)	19.7 (0.81)	29.8 (0.93)	27.0 (0.90)
1981	13.9 (0.26)	26.4 (0.76)	17.8 (0.58)	11.1 (0.47)	5.2 (0.30)	100.0 (†)	49.8 (1.01)	18.3 (0.78)	31.9 (0.94)	100.0 (†)	24.3 (0.87)	18.6 (0.79)	30.2 (0.93)	26.9 (0.90)
1982	13.9 (0.28)	27.2 (0.79)	18.3 (0.63)	10.2 (0.49)	4.4 (0.30)	100.0 (†)	45.2 (1.08)	21.1 (0.88)	33.7 (1.02)	100.0 (†)	22.9 (0.91)	20.8 (0.88)	28.8 (0.98)	27.6 (0.97)
1983	13.7 (0.28)	26.5 (0.78)	17.8 (0.63)	10.5 (0.50)	4.1 (0.29)	100.0 (†)	48.4 (1.10)	18.2 (0.85)	33.4 (1.04)	100.0 (†)	23.0 (0.92)	19.3 (0.87)	28.8 (0.99)	28.8 (0.99)
1984	13.1 (0.28)	25.9 (0.77)	16.5 (0.62)	9.9 (0.49)	3.8 (0.29)	100.0 (†)	49.7 (1.13)	17.3 (0.86)	32.9 (1.06)	100.0 (†)	23.6 (0.96)	21.4 (0.93)	27.5 (1.01)	27.5 (1.01)
1985	12.6 (0.28)	27.1 (0.79)	14.7 (0.61)	8.3 (0.46)	4.0 (0.29)	100.0 (†)	50.1 (1.17)	17.5 (0.89)	32.4 (1.09)	100.0 (†)	23.9 (1.00)	21.0 (0.95)	27.9 (1.05)	27.2 (1.04)
1986	12.2 (0.27)	25.4 (0.77)	14.8 (0.61)	8.0 (0.45)	3.4 (0.28)	100.0 (†)	51.1 (1.19)	16.4 (0.88)	32.5 (1.12)	100.0 (†)	25.4 (1.04)	21.5 (0.98)	25.7 (1.04)	27.4 (1.07)
1987	12.6 (0.28)	25.5 (0.78)	16.6 (0.64)	8.0 (0.47)	3.6 (0.29)	100.0 (†)	52.4 (1.18)	13.6 (0.81)	34.0 (1.12)	100.0 (†)	25.9 (1.04)	20.7 (0.96)	26.0 (1.04)	27.5 (1.06)
1988	12.9 (0.31)	27.2 (0.86)	15.4 (0.69)	8.2 (0.52)	3.4 (0.31)	100.0 (†)	52.9 (1.29)	— (†)	— (†)	100.0 (†)	28.9 (1.17)	19.3 (1.02)	25.1 (1.12)	26.8 (1.14)
1989	12.6 (0.30)	25.0 (0.81)	16.2 (0.68)	8.7 (0.50)	3.3 (0.30)	100.0 (†)	53.2 (1.25)	13.8 (0.86)	33.0 (1.18)	100.0 (†)	29.4 (1.14)	20.8 (1.02)	24.9 (1.08)	25.0 (1.09)
1990	12.1 (0.29)	24.3 (0.82)	15.1 (0.65)	8.7 (0.51)	2.9 (0.28)	100.0 (†)	52.5 (1.29)	13.3 (0.88)	34.2 (1.23)	100.0 (†)	28.6 (1.17)	20.9 (1.05)	24.4 (1.11)	26.1 (1.14)
1991	12.5 (0.30)	25.9 (0.83)	15.5 (0.66)	7.7 (0.49)	3.0 (0.29)	100.0 (†)	47.5 (1.28)	15.8 (0.93)	36.7 (1.23)	100.0 (†)	28.6 (1.15)	20.5 (1.03)	26.1 (1.12)	24.9 (1.10)
1992 <sup>4</sup>	11.0 (0.28)	23.4 (0.79)	12.9 (0.62)	7.3 (0.48)	2.4 (0.26)	100.0 (†)	47.6 (1.36)	15.0 (0.97)	37.4 (1.32)	100.0 (†)	21.6 (1.12)	17.5 (1.04)	24.4 (1.17)	36.5 (1.31)
1993 <sup>4</sup>	11.0 (0.28)	22.9 (0.77)	12.7 (0.62)	6.6 (0.46)	2.9 (0.29)	100.0 (†)	48.7 (1.37)	12.8 (0.91)	38.5 (1.33)	100.0 (†)	20.5 (1.10)	16.6 (1.02)	24.1 (1.17)	38.8 (1.33)
1994 <sup>4</sup>	11.4 (0.28)	20.7 (0.76)	13.7 (0.63)	8.7 (0.49)	4.9 (0.35)	100.0 (†)	49.5 (1.30)	13.0 (0.88)	37.5 (1.26)	100.0 (†)	23.9 (1.11)	16.2 (0.96)	20.3 (1.05)	39.6 (1.28)
1995 <sup>4</sup>	12.0 (0.27)	23.2 (0.70)	13.8 (0.59)	8.3 (0.46)	3.6 (0.29)	100.0 (†)	48.9 (1.19)	14.2 (0.83)	37.0 (1.15)	100.0 (†)	22.2 (0.99)	17.0 (0.89)	22.5 (0.99)	38.3 (1.16)
1996 <sup>4</sup>	11.1 (0.27)	22.0 (0.72)	13.6 (0.60)	7.0 (0.45)	3.2 (0.28)	100.0 (†)	47.3 (1.28)	15.0 (0.91)	37.7 (1.24)	100.0 (†)	20.3 (1.03)	17.7 (0.98)	22.6 (1.07)	39.4 (1.25)
1997 <sup>4</sup>	11.0 (0.27)	21.8 (0.71)	13.5 (0.59)	6.2 (0.42)	3.4 (0.29)	100.0 (†)	53.3 (1.27)	13.2 (0.86)	33.5 (1.21)	100.0 (†)	19.9 (1.02)	15.7 (0.93)	22.3 (1.06)	42.1 (1.26)
1998 <sup>4</sup>	11.8 (0.27)	22.3 (0.71)	14.9 (0.62)	7.7 (0.45)	3.5 (0.29)	100.0 (†)	55.1 (1.22)	10.3 (0.74)	34.6 (1.17)	100.0 (†)	21.0 (1.00)	14.9 (0.87)	21.4 (1.00)	42.6 (1.21)
1999 <sup>4</sup>	11.2 (0.26)	21.0 (0.70)	14.3 (0.60)	7.4 (0.44)	3.9 (0.30)	100.0 (†)	55.6 (1.23)	10.0 (0.74)	34.4 (1.18)	100.0 (†)	22.2 (1.03)	16.3 (0.92)	22.5 (1.04)	39.0 (1.21)
2000 <sup>4</sup>	10.9 (0.26)	20.7 (0.70)	12.8 (0.56)	8.3 (0.46)	3.5 (0.29)	100.0 (†)	56.9 (1.24)	12.3 (0.82)	30.8 (1.16)	100.0 (†)	21.5 (1.03)	15.3 (0.90)	23.1 (1.06)	40.0 (1.23)
2001 <sup>4</sup>	10.7 (0.24)	19.3 (0.65)	13.4 (0.54)	9.0 (0.45)	3.2 (0.25)	100.0 (†)	58.3 (1.17)	14.8 (0.85)	26.9 (1.05)	100.0 (†)	18.4 (0.92)	16.8 (0.89)	23.8 (1.01)	40.9 (1.17)
2002 <sup>4</sup>	10.5 (0.24)	18.8 (0.62)	12.3 (0.53)	8.4 (0.43)	3.8 (0.28)	100.0 (†)	57.4 (1.18)	13.3 (0.81)	29.2 (1.09)	100.0 (†)	22.8 (1.00)	17.1 (0.90)	21.3 (0.98)	38.9 (1.17)
2003 <sup>4</sup>	9.9 (0.23)	19.5 (0.64)	10.8 (0.49)	7.3 (0.40)	3.4 (0.26)	100.0 (†)	53.5 (1.22)	13.7 (0.84)	32.9 (1.15)	100.0 (†)	21.2 (1.00)	18.2 (0.94)	20.7 (0.99)	40.0 (1.20)
2004 <sup>4</sup>	10.3 (0.23)	18.0 (0.60)	12.7 (0.52)	8.2 (0.42)	3.7 (0.27)	100.0 (†)	53.0 (1.19)	14.3 (0.83)	32.7 (1.12)	100.0 (†)	21.4 (0.97)	15.9 (0.87)	22.5 (0.99)	40.3 (1.17)
2005 <sup>4</sup>	9.4 (0.22)	17.9 (0.60)	11.5 (0.51)	7.1 (0.39)	2.7 (0.23)	100.0 (†)	56.9 (1.23)	11.9 (0.80)	31.2 (1.15)	100.0 (†)	18.9 (0.97)	16.8 (0.93)	21.4 (1.02)	42.9 (1.23)
2006 <sup>4</sup>	9.3 (0.22)	16.5 (0.58)	12.1 (0.51)	6.3 (0.37)	3.8 (0.27)	100.0 (†)	56.4 (1.23)	11.7 (0.80)	32.0 (1.16)	100.0 (†)	22.1 (1.03)	13.4 (0.85)	20.7 (1.01)	43.9 (1.23)
2007 <sup>4</sup>	8.7 (0.21)	16.7 (0.59)	10.5 (0.48)	6.4 (0.36)	3.2 (0.25)	100.0 (†)	55.5 (1.27)	11.2 (0.80)	33.3 (1.20)	100.0 (†)	21.2 (1.04)	16.9 (0.96)	22.9 (1.07)	39.0 (1.24)
2008 <sup>4</sup>	8.0 (0.20)	16.4 (0.58)	9.4 (0.45)	5.4 (0.34)	2.2 (0.21)	100.0 (†)	46.8 (1.33)	16.3 (0.98)	36.9 (1.28)	100.0 (†)	18.4 (1.03)	15.2 (0.96)	23.8 (1.13)	42.6 (1.32)
2009 <sup>4</sup>	8.1 (0.20)	15.8 (0.57)	9.7 (0.45)	5.4 (0.34)	2.5 (0.22)	100.0 (†)	43.2 (1.31)	19.9 (1.06)	36.9 (1.28)	100.0 (†)	17.7 (1.01)	13.6 (0.91)	24.4 (1.14)	44.3 (1.32)
2010 <sup>4,5</sup>	7.4 (0.27)	13.8 (0.83)	8.9 (0.54)	5.1 (0.48)	2.5 (0.31)	100.0 (†)	45.8 (1.64)	18.7 (1.38)	35.5 (1.70)	100.0 (†)	19.2 (1.48)	13.1 (1.07)	22.5 (1.59)	45.2 (1.89)
2011 <sup>4,5</sup>	7.1 (0.26)	13.0 (0.73)	9.0 (0.53)	4.8 (0.45)	2.3 (0.32)	100.0 (†)	49.8 (1.77)	16.0 (1.33)	34.2 (1.69)	100.0 (†)	18.1 (1.72)	12.9 (1.15)	21.2 (1.39)	47.7 (1.87)
2012 <sup>4,5</sup>	6.6 (0.25)	11.8 (0.70)	8.7 (0.65)	4.1 (0.44)	1.9 (0.31)	100.0 (†)	44.8 (2.07)	18.1 (1.49)	37.1 (1.83)	100.0 (†)	18.3 (1.76)	10.2 (1.21)	21.9 (1.57)	49.6 (2.20)
2013 <sup>4,5</sup>	6.8 (0.28)	10.7 (0.73)	8.8 (0.67)	5.0 (0.44)	3.2 (0.36)	100.0 (†)	41.1 (2.01)	16.8 (1.58)	42.1 (1.84)	100.0 (†)	18.3 (1.70)	13.3 (1.34)	21.1 (1.63)	47.4 (2.31)
2014 <sup>4,5</sup>	6.5 (0.25)	11.6 (0.68)	7.6 (0.57)	4.7 (0.43)	2.8 (0.31)	100.0 (†)	44.7 (1.84)	17.0 (1.41)	38.3 (1.61)	100.0 (†)	15.0 (1.58)	13.7 (1.28)	21.3 (1.56)	50.0 (1.94)
2015 <sup>4,5</sup>	5.9 (0.26)	9.9 (0.69)	7.4 (0.60)	4.3 (0.39)	2.4 (0.31)	100.0 (†)	41.7 (2.10)	14.2 (1.48)	44.1 (2.10)	100.0 (†)	14.5 (1.67)	13.9 (1.40)	21.3 (1.65)	50.2 (2.00)
2016 <sup>4,5</sup>	6.1 (0.27)	9.7 (0.69)	7.3 (0.55)	5.4 (0.50)	2.6 (0.28)	100.0 (†)	46.6 (1.99)	13.9 (1.31)	39.6 (1.90)	100.0 (†)	17.6 (1.91)	10.8 (1.14)	21.9 (1.64)	49.7 (2.22)

—Not available.

†Not applicable.

<sup>1</sup>Lowest quarter refers to the bottom 25 percent of all family incomes; middle low quarter refers to the 26th through the 50th percentile of all family incomes; middle high quarter refers to the 51st through the 75th percentile of all family incomes; and highest quarter refers to the top 25 percent of all family incomes.

<sup>2</sup>Data are not comparable to employment and unemployment rate data produced by the Bureau of Labor Statistics, because the percentage distributions presented here include persons who are not in the labor force. The labor force consists of those who are employed and those who are unemployed (i.e., seeking employment); persons who are neither employed nor seeking employment are not in the labor force.

<sup>3</sup>Includes persons who were employed but not at work during the survey week.

<sup>4</sup>Because of changes in data collection procedures, data may not be comparable with figures for years prior to 1992.

<sup>5</sup>Beginning in 2010, standard errors were computed using replicate weights, which produced more precise values than the generalized variance function methodology used in prior years.

NOTE: "Status" dropouts are 16- to 24-year-olds who are not enrolled in school and who have not completed a high school program, regardless of when they left school. People who have received GED credentials are counted as high school completers. Data are based on sample surveys of the civilian noninstitutionalized population, which excludes persons in the military and persons living in institutions (e.g., prisons or nursing facilities). Detail may not sum to totals because of rounding. SOURCE: U.S. Department of Commerce, Census Bureau, Current Population Survey (CPS), October, 1970 through 2016. (This table was prepared September 2017.)

**Table 219.80. Percentage of high school dropouts among persons 16 to 24 years old (status dropout rate) and number of status dropouts, by noninstitutionalized or institutionalized status, birth in or outside of the United States, and selected characteristics: Selected years, 2006 through 2016**

[Standard errors appear in parentheses]

Selected characteristic	Total status dropout rate								2016													
									Noninstitutionalized population <sup>1</sup>					Institutionalized population <sup>2</sup>								
											Status dropout rate											
	2006	2011	2015	2016	Number of status dropouts (in thousands)	Percentage distribution of status dropouts	Total for non-institutionalized population	For those born in the United States <sup>3</sup>	For those born outside of the United States <sup>3</sup>	Number of status dropouts (in thousands)	Status dropout rate											
1	2	3	4	5	6	7	8	9	10	11	12											
<b>Total</b> .....	<b>9.7</b>	<b>(0.07)</b>	<b>7.7</b>	<b>(0.06)</b>	<b>6.0</b>	<b>(0.05)</b>	<b>5.8</b>	<b>(0.06)</b>	<b>2,139</b>	<b>(23.2)</b>	<b>100.00</b>	<b>(†)</b>	<b>5.5</b>	<b>(0.06)</b>	<b>5.0</b>	<b>(0.05)</b>	<b>9.6</b>	<b>(0.21)</b>	<b>141</b>	<b>(3.3)</b>	<b>33.7</b>	<b>(0.71)</b>
<b>Sex</b>																						
Male .....	11.3	(0.11)	9.0	(0.09)	7.0	(0.08)	6.8	(0.09)	1,252	(18.8)	58.6	(0.53)	6.3	(0.09)	5.7	(0.09)	10.9	(0.29)	129	(3.6)	35.4	(0.85)
Female .....	7.9	(0.08)	6.2	(0.07)	5.0	(0.06)	4.7	(0.07)	886	(13.7)	41.4	(0.53)	4.6	(0.07)	4.2	(0.07)	8.2	(0.26)	12	(1.0)	22.3	(1.83)
<b>Race/ethnicity</b>																						
White .....	6.4	(0.07)	5.1	(0.07)	4.5	(0.07)	4.5	(0.06)	917	(13.6)	42.9	(0.52)	4.3	(0.06)	4.4	(0.06)	3.8	(0.36)	33	(1.9)	26.0	(1.30)
Black .....	11.5	(0.21)	9.6	(0.18)	7.2	(0.15)	7.0	(0.17)	334	(9.7)	15.6	(0.42)	6.1	(0.17)	6.1	(0.17)	5.5	(0.52)	62	(2.9)	38.0	(1.45)
Hispanic .....	21.0	(0.26)	14.5	(0.19)	9.9	(0.16)	9.1	(0.17)	748	(15.0)	35.0	(0.54)	8.7	(0.17)	6.5	(0.15)	16.1	(0.41)	38	(1.6)	37.5	(1.50)
Cuban .....	7.2	(0.83)	5.6	(0.76)	4.1	(0.49)	5.4	(0.61)	12	(1.5)	0.6	(0.07)	5.2	(0.61)	3.6	(0.57)	8.6	(1.36)	†	(†)	30.9!	(10.85)
Dominican .....	10.0	(0.92)	10.9	(0.90)	8.7	(0.76)	7.5	(0.78)	21	(2.4)	1.0	(0.11)	7.1	(0.79)	5.2	(0.84)	10.0	(1.39)	†	(†)	36.6	(8.92)
Mexican .....	23.6	(0.31)	15.7	(0.25)	10.4	(0.21)	9.0	(0.23)	490	(13.0)	22.9	(0.52)	8.7	(0.23)	6.9	(0.19)	16.5	(0.62)	23	(1.3)	38.9	(1.97)
Puerto Rican .....	15.2	(0.64)	12.0	(0.46)	8.7	(0.47)	9.1	(0.53)	70	(4.3)	3.3	(0.20)	8.7	(0.54)	7.9	(0.55)	12.0	(1.24)	5	(0.6)	35.0	(4.43)
Spaniard .....	6.9	(1.50)	4.3	(0.74)	4.3	(0.79)	6.5	(1.06)	6	(1.1)	0.3	(0.05)	6.1	(1.07)	5.5	(1.10)	12.4!	(4.05)	†	(†)	†	(†)
Central American <sup>4</sup> .....	29.8	(0.93)	21.4	(0.78)	15.8	(0.63)	15.4	(0.68)	115	(5.6)	5.4	(0.25)	15.2	(0.68)	5.0	(0.50)	28.9	(1.30)	2	(0.5)	33.4	(6.72)
Costa Rican .....	13.6	(3.84)	†	(†)	†	(†)	†	(†)	†	(†)	†	(†)	†	(†)	†	(†)	†	(†)	†	(†)	†	(†)
Guatemalan .....	43.4	(2.17)	32.8	(1.60)	22.8	(1.34)	22.9	(1.69)	46	(4.0)	2.2	(0.18)	22.8	(1.70)	4.6	(0.89)	40.7	(2.82)	†	(†)	34.7	(10.15)
Honduran .....	34.2	(2.75)	25.7	(1.70)	18.9	(1.63)	16.7	(1.49)	22	(2.2)	1.0	(0.10)	16.5	(1.48)	5.5	(1.54)	25.9	(2.25)	†	(†)	30.0!	(10.35)
Nicaraguan .....	13.6	(2.41)	7.5	(1.59)	7.8	(1.94)	7.2!	(2.29)	†	(†)	0.2!	(0.06)	7.2!	(2.29)	4.7!	(1.72)	15.3!	(7.30)	†	(†)	†	(†)
Panamanian .....	7.4!	(2.95)	5.6!	(2.29)	2.5!	(1.12)	†	(†)	†	(†)	†	(†)	†	(†)	†	(†)	†	(†)	†	(†)	†	(†)
Salvadoran .....	23.9	(1.46)	16.9	(0.99)	13.8	(0.91)	13.3	(0.89)	41	(2.9)	1.9	(0.14)	13.1	(0.89)	5.6	(0.70)	25.1	(1.99)	†	(†)	35.7	(10.47)
South American .....	8.1	(0.71)	4.6	(0.53)	3.4	(0.35)	3.6	(0.36)	15	(1.6)	0.7	(0.08)	3.4	(0.36)	2.5	(0.37)	4.6	(0.71)	†	(†)	38.4!	(11.61)
Chilean .....	4.9!	(2.19)	†	(†)	†	(†)	†	(†)	†	(†)	†	(†)	†	(†)	†	(†)	†	(†)	†	(†)	†	(†)
Colombian .....	5.6	(0.89)	3.6	(0.93)	3.3	(0.58)	2.9	(0.46)	†	(†)	0.2	(0.03)	2.6	(0.43)	3.0	(0.60)	2.0!	(0.81)	†	(†)	†	(†)
Ecuadorian .....	14.1	(2.31)	10.0	(1.65)	7.2	(1.16)	6.1	(1.06)	5	(1.0)	0.2	(0.05)	5.9	(1.04)	1.9!	(0.85)	11.4	(2.16)	†	(†)	†	(†)
Peruvian .....	6.2!	(1.88)	3.4	(0.82)	2.2!	(0.66)	2.4!	(0.84)	†	(†)	0.1!	(0.03)	2.3!	(0.83)	1.5!	(0.64)	3.6!	(1.68)	†	(†)	†	(†)
Venezuelan .....	5.1!	(1.69)	1.6!	(0.70)	2.0!	(0.74)	3.3!	(1.01)	†	(†)	0.1!	(0.02)	3.3!	(1.01)	†	(†)	3.4!	(1.19)	†	(†)	†	(†)
Other South American .....	9.5	(2.38)	†	(†)	†	(†)	†	(†)	†	(†)	†	(†)	†	(†)	†	(†)	†	(†)	†	(†)	†	(†)
Other Hispanic .....	13.4	(0.70)	9.5	(0.83)	7.8	(0.57)	7.7	(0.56)	19	(1.8)	0.9	(0.08)	6.3	(0.53)	5.8	(0.51)	11.3	(2.42)	5	(0.7)	36.0	(4.35)
<b>Asian</b> .....	3.1	(0.20)	2.7	(0.14)	2.4	(0.15)	2.0	(0.14)	40	(2.9)	1.9	(0.13)	2.0	(0.14)	1.0	(0.12)	3.0	(0.24)	†	(†)	†	(†)
Chinese <sup>5</sup> .....	3.1	(0.45)	1.7	(0.26)	1.5	(0.21)	0.8	(0.17)	5	(1.0)	0.2	(0.04)	0.8	(0.17)	0.5!	(0.16)	1.0	(0.23)	†	(†)	†	(†)
Filipino .....	2.6	(0.37)	2.3	(0.28)	1.9	(0.31)	2.0	(0.32)	6	(1.0)	0.3	(0.05)	2.0	(0.32)	0.8	(0.21)	3.4	(0.69)	†	(†)	†	(†)
Japanese .....	1.0!	(0.39)	1.3!	(0.44)	1.6!	(0.56)	†	(†)	†	(†)	†	(†)	†	(†)	†	(†)	†	(†)	†	(†)	†	(†)
Korean .....	0.9	(0.21)	0.9!	(0.29)	1.4	(0.42)	0.7!	(0.23)	†	(†)	0.1!	(0.02)	0.7!	(0.23)	0.8!	(0.41)	0.6!	(0.24)	†	(†)	†	(†)
South Asian <sup>6</sup> .....	2.7	(0.41)	2.5	(0.32)	2.2	(0.28)	2.2	(0.24)	11	(1.2)	0.5	(0.06)	2.2	(0.24)	1.1	(0.26)	3.1	(0.46)	†	(†)	†	(†)
Asian Indian .....	2.6	(0.47)	†	(†)	1.7	(0.25)	2.1	(0.30)	8	(1.2)	0.4	(0.05)	2.1	(0.30)	1.2	(0.31)	3.1	(0.57)	†	(†)	†	(†)
Bangladeshi .....	†	(†)	6.5!	(2.43)	4.9!	(2.02)	4.3!	(1.63)	†	(†)	†	(†)	4.3!	(1.64)	†	(†)	5.6!	(2.42)	†	(†)	†	(†)
Bhutanese .....	†	(†)	†	(†)	†	(†)	†	(†)	†	(†)	†	(†)	†	(†)	†	(†)	†	(†)	†	(†)	†	(†)
Nepalese .....	†	(†)	†	(†)	7.8	(2.24)	†	(†)	†	(†)	†	(†)	†	(†)	†	(†)	†	(†)	†	(†)	†	(†)
Pakistani .....	3.5!	(1.22)	3.8	(0.88)	1.9!	(0.64)	1.3!	(0.49)	†	(†)	†	(†)	1.3!	(0.49)	†	(†)	2.2!	(0.83)	†	(†)	†	(†)
Southeast Asian .....	5.7	(0.55)	4.9	(0.49)	5.0	(0.48)	4.0	(0.47)	15	(1.9)	0.7	(0.09)	4.0	(0.47)	1.4	(0.30)	8.2	(1.07)	†	(†)	†	(†)
Burmese .....	†	(†)	†	(†)	23.8	(4.46)	29.7	(4.60)	6	(1.3)	0.3	(0.06)	29.9	(4.63)	†	(†)	30.8	(4.76)	†	(†)	†	(†)
Cambodian .....	6.5	(1.59)	9.8	(1.90)	9.4!	(3.08)	3.4!	(1.12)	†	(†)	†	(†)	3.2!	(1.17)	3.0!	(1.30)	†	(†)	†	(†)	†	(†)
Hmong .....	6.7	(1.56)	†	(†)	4.5	(1.10)	3.6!	(1.18)	†	(†)	0.1!	(0.03)	3.6!	(1.18)	2.7!	(1.15)	†	(†)	†	(†)	†	(†)
Laotian .....	8.0	(1.93)	†	(†)	6.9!	(2.68)	2.0!	(0.94)	†	(†)	†	(†)	2.1!	(0.95)	†	(†)	†	(†)	†	(†)	†	(†)
Thai .....	2.5!	(1.24)	4.1!	(1.58)	4.6!	(1.97)	†	(†)	†	(†)	†	(†)	†	(†)	†	(†)	†	(†)	†	(†)	†	(†)
Vietnamese .....	5.4	(0.76)	2.8	(0.51)	2.8	(0.39)	2.3	(0.41)	5	(0.9)	0.2	(0.04)	2.2	(0.41)	0.8!	(0.24)	4.6	(0.93)	†	(†)	†	(†)
Other Southeast Asian <sup>7</sup> .....	†	(†)	†	(†)	†	(†)	†	(†)	†	(†)	†	(†)	†	(†)	†	(†)	†	(†)	†	(†)	†	(†)
Other Asian .....	3.0	(0.69)	6.4	(0.99)	2.8	(0.63)	2.7	(0.63)	†	(†)	0.1	(0.02)	2.7	(0.63)	1.7!	(0.69)	5.8!	(2.12)	†	(†)	†	(†)
Pacific Islander .....	7.4	(1.13)	8.8	(1.62)	5.4	(1.58)	6.9	(1.01)	6	(0.8)	0.3	(0.04)	6.9	(1.03)	3.9	(1.01)	13.7	(2.43)	†	(†)	†	(†)
American Indian/Alaska Native <sup>8</sup> .....	15.1	(0.63)	13.1	(0.75)	13.2	(0.78)	11.0	(0.68)	31	(2.1)	1.5	(0.10)	10.4	(0.67)	10.3	(0.68)	19.0!	(7.97)	2	(0.5)	44.5	(6.02)
American Indian .....	15.0	(0.79)	13.5	(0.96)	13.6	(0.87)	10.8	(0.63)	25	(1.5)	1.2	(0.07)	10.1	(0.62)	9.9	(0.62)	†	(†)	†	(†)	50.9	(7.07)
Alaska Native .....	17.2	(3.93)	13.6	(2.61)	13.9	(3.56)	17.9	(3.94)	3	(0.7)	0.1	(0.03)	17.9	(3.96)	18.0	(3.98)	†	(†)	†	(†)	†	(†)
Some other race <sup>9</sup> .....	10.2	(1.23)	7.9	(1.52)	7.5	(1.15)	5.1	(1.09)	6	(1.4)	0.3	(0.06)	5.0	(1.11)	4.5	(1.32)	6.6!	(2.08)	†	(†)	†	(†)
Two or more races .....	7.8	(0.39)	6.0	(0.33)	4.7	(0.22)	4.8	(0.26)	57	(3.3)	2.7	(0.15)	4.5	(0.25)	4.6	(0.28)	3.5	(0.79)	4	(0.7)	28.4	(3.91)

See notes at end of table.

**Table 219.80. Percentage of high school dropouts among persons 16 to 24 years old (status dropout rate) and number of status dropouts, by noninstitutionalized or institutionalized status, birth in or outside of the United States, and selected characteristics: Selected years, 2006 through 2016—Continued**

[Standard errors appear in parentheses]

Selected characteristic	Total status dropout rate				2016							
	2006	2011	2015	2016	Noninstitutionalized population <sup>1</sup>					Institutionalized population <sup>2</sup>		
					Number of status dropouts (in thousands)	Percentage distribution of status dropouts	Status dropout rate			Number of status dropouts (in thousands)	Status dropout rate	
							Total for non-institutionalized population	For those born in the United States <sup>3</sup>	For those born outside of the United States <sup>3</sup>			
1	2	3	4	5	6	7	8	9	10	11	12	
<b>Race/ethnicity by sex</b>												
<b>Male</b>												
White .....	7.2 (0.10)	5.8 (0.10)	5.1 (0.10)	5.2 (0.10)	537 (10.8)	25.1 (0.45)	5.0 (0.10)	5.0 (0.10)	4.2 (0.49)	28 (1.8)	27.5 (1.55)	
Black .....	14.0 (0.31)	11.8 (0.25)	8.7 (0.22)	8.7 (0.22)	193 (6.3)	9.0 (0.28)	7.0 (0.22)	7.1 (0.24)	6.3 (0.84)	60 (2.8)	39.3 (1.58)	
Hispanic .....	24.8 (0.36)	17.0 (0.27)	11.8 (0.21)	10.7 (0.25)	442 (11.4)	20.7 (0.44)	10.1 (0.25)	7.6 (0.23)	18.0 (0.55)	35 (1.6)	39.4 (1.61)	
Asian .....	3.5 (0.28)	3.1 (0.19)	2.9 (0.22)	2.2 (0.19)	23 (2.1)	1.1 (0.10)	2.2 (0.20)	1.1 (0.16)	3.3 (0.38)	± (†)	± (†)	
Pacific Islander .....	7.7 (1.54)	9.2 (2.10)	4.0! (1.27)	6.6 (1.54)	± (†)	0.1 (0.03)	6.5 (1.57)	3.7! (1.48)	13.1 (3.62)	± (†)	± (†)	
American Indian/Alaska Native ...	17.3 (1.08)	14.8 (1.12)	14.4 (1.03)	13.3 (1.10)	18 (1.6)	0.9 (0.07)	12.4 (1.08)	12.4 (1.09)	± (†)	2 (0.5)	43.2 (6.92)	
Some other race <sup>4</sup> .....	11.4 (1.78)	8.7 (2.04)	8.6 (1.73)	5.4 (1.57)	± (†)	0.1! (0.05)	5.4 (1.59)	4.6! (1.93)	8.3! (3.21)	± (†)	± (†)	
Two or more races .....	8.8 (0.59)	7.4 (0.57)	5.4 (0.36)	5.6 (0.37)	33 (2.3)	1.5 (0.10)	5.1 (0.36)	5.2 (0.37)	4.0 (1.15)	3 (0.6)	26.3 (4.03)	
<b>Female</b>												
White .....	5.5 (0.08)	4.3 (0.08)	3.9 (0.08)	3.7 (0.07)	379 (7.7)	17.7 (0.33)	3.7 (0.07)	3.7 (0.08)	3.4 (0.46)	6 (0.8)	20.4 (2.41)	
Black .....	9.0 (0.23)	7.3 (0.22)	5.7 (0.20)	5.2 (0.23)	141 (6.6)	6.6 (0.30)	5.1 (0.23)	5.1 (0.23)	4.8 (0.70)	2 (0.5)	20.4 (3.70)	
Hispanic .....	16.7 (0.29)	11.7 (0.23)	8.0 (0.20)	7.3 (0.20)	306 (8.5)	14.3 (0.37)	7.3 (0.20)	5.4 (0.17)	14.0 (0.53)	3 (0.4)	23.0 (3.47)	
Asian .....	2.7 (0.22)	2.4 (0.18)	1.9 (0.19)	1.7 (0.18)	17 (1.8)	0.8 (0.09)	1.7 (0.18)	0.8 (0.15)	2.7 (0.28)	± (†)	± (†)	
Pacific Islander .....	7.2 (1.49)	8.4 (2.11)	6.6! (2.46)	7.2 (1.50)	± (†)	0.1 (0.03)	7.2 (1.50)	4.1! (1.67)	14.2 (3.37)	± (†)	± (†)	
American Indian/Alaska Native ...	12.9 (0.98)	11.4 (0.86)	11.9 (1.15)	8.7 (0.85)	13 (1.3)	0.6 (0.06)	8.5 (0.85)	8.2 (0.88)	± (†)	± (†)	52.7 (11.80)	
Some other race <sup>4</sup> .....	8.9 (1.72)	7.1 (2.08)	6.2 (1.73)	4.7 (1.29)	± (†)	0.1 (0.04)	4.6 (1.30)	4.5! (1.55)	± (†)	± (†)	± (†)	
Two or more races .....	6.8 (0.51)	4.6 (0.41)	3.9 (0.31)	4.0 (0.34)	24 (2.2)	1.1 (0.10)	3.9 (0.34)	3.9 (0.36)	3.1! (0.96)	± (†)	40.9 (11.20)	
<b>Age</b>												
16 .....	3.3 (0.10)	2.2 (0.09)	2.3 (0.09)	2.4 (0.10)	100 (4.1)	4.7 (0.19)	2.4 (0.10)	2.2 (0.10)	3.7 (0.41)	4 (0.7)	11.7 (1.85)	
17 .....	5.5 (0.14)	3.8 (0.11)	3.2 (0.10)	3.1 (0.11)	122 (4.4)	5.7 (0.21)	3.0 (0.11)	2.8 (0.09)	4.5 (0.54)	6 (0.8)	16.1 (1.96)	
18 .....	8.0 (0.18)	6.2 (0.15)	4.6 (0.13)	4.8 (0.13)	206 (5.9)	9.6 (0.26)	4.6 (0.13)	4.4 (0.13)	6.1 (0.44)	11 (1.0)	35.2 (2.86)	
19 .....	10.0 (0.18)	7.7 (0.15)	5.9 (0.15)	5.8 (0.15)	230 (6.3)	10.7 (0.27)	5.5 (0.14)	5.1 (0.14)	8.6 (0.60)	14 (1.3)	41.3 (2.64)	
20–24 .....	12.2 (0.11)	9.8 (0.10)	7.6 (0.08)	7.1 (0.09)	1,481 (19.2)	69.2 (0.41)	6.7 (0.08)	6.1 (0.08)	11.7 (0.28)	106 (2.8)	37.9 (0.73)	
<b>English speaking ability</b>												
<b>Spoke English at home or spoke English very well .....</b>												
	7.9 (0.06)	6.5 (0.06)	5.3 (0.05)	5.2 (0.05)	1,814 (20.5)	84.8 (0.36)	4.9 (0.05)	4.9 (0.05)	4.7 (0.16)	130 (3.4)	32.9 (0.73)	
<b>Spoke a language other than English at home and spoke English less than very well .....</b>												
	34.7 (0.47)	27.8 (0.45)	20.5 (0.41)	18.5 (0.42)	325 (8.8)	15.2 (0.36)	18.2 (0.42)	10.9 (0.58)	21.6 (0.52)	10 (1.0)	48.4 (3.93)	
<b>Region</b>												
Northeast .....	7.4 (0.14)	6.1 (0.13)	4.8 (0.13)	4.7 (0.11)	302 (7.8)	14.1 (0.32)	4.5 (0.12)	3.9 (0.12)	8.0 (0.42)	18 (1.1)	27.5 (1.46)	
Midwest .....	8.1 (0.13)	6.8 (0.12)	5.6 (0.11)	5.5 (0.14)	432 (11.2)	20.2 (0.46)	5.2 (0.13)	5.0 (0.13)	8.1 (0.59)	28 (1.7)	31.1 (1.55)	
South .....	11.0 (0.13)	8.7 (0.11)	6.6 (0.10)	6.3 (0.10)	879 (14.6)	41.1 (0.48)	6.0 (0.10)	5.4 (0.10)	11.0 (0.33)	66 (2.6)	37.6 (1.27)	
West .....	10.7 (0.13)	8.0 (0.12)	6.4 (0.10)	5.9 (0.10)	527 (9.3)	24.6 (0.41)	5.6 (0.10)	5.0 (0.10)	9.7 (0.38)	29 (1.7)	33.2 (1.56)	

—Not available.

†Not applicable.

#Rounds to zero.

!Interpret data with caution. The coefficient of variation (CV) for this estimate is between 30 and 50 percent.

±Reporting standards not met. Either there are too few cases for a reliable estimate or the coefficient of variation (CV) is 50 percent or greater.

<sup>1</sup>Persons living in households as well as persons living in noninstitutionalized group quarters. Noninstitutionalized group quarters include college and university housing, military quarters, facilities for workers and religious groups, and temporary shelters for the homeless.

<sup>2</sup>Persons living in institutionalized group quarters, including adult and juvenile correctional facilities, nursing facilities, and other health care facilities.

<sup>3</sup>United States refers to the 50 states, the District of Columbia, Puerto Rico, American Samoa, Guam, the U.S. Virgin Islands, and the Northern Marianas.

<sup>4</sup>Includes other Central American subgroups not shown separately.

<sup>5</sup>Includes Taiwanese.

<sup>6</sup>In addition to the subgroups shown, also includes Sri Lankan.

<sup>7</sup>Consists of Indonesian and Malaysian.

<sup>8</sup>Includes persons reporting American Indian alone, persons reporting Alaska Native alone, and persons from American Indian and/or Alaska Native tribes specified or not specified.

<sup>9</sup>Respondents who wrote in some other race that was not included as an option on the questionnaire.

NOTE: "Status" dropouts are 16- to 24-year-olds who are not enrolled in school and who have not completed a high school program, regardless of when they left school and whether they ever attended school in the United States. People who have received GED credentials are counted as high school completers. Data are based on sample surveys of the entire population of 16- to 24-year-olds residing within the United States. Estimates may differ from those in tables based on the Current Population Survey (CPS) because of differences in survey design and target populations. Detail may not sum to totals because of rounding and the suppression of data that do not meet reporting standards. Race categories exclude persons of Hispanic ethnicity.

SOURCE: U.S. Department of Commerce, Census Bureau, American Community Survey (ACS), 2006, 2011, 2015, and 2016. (This table was prepared November 2017.)

**Table 219.90. Number and percentage distribution of 14- through 21-year-old students served under Individuals with Disabilities Education Act (IDEA), Part B, who exited school, by exit reason, sex, race/ethnicity, age, and type of disability: 2013–14 and 2014–15**

Year, sex, race/ethnicity, age, and type of disability	Exited school						Transferred to regular education <sup>4</sup>	Moved, known to be continuing <sup>5</sup>
	Total	Graduated with regular diploma	Received alternative certificate <sup>1</sup>	Reached maximum age <sup>2</sup>	Dropped out <sup>3</sup>	Died		
1	2	3	4	5	6	7	8	9
<b>2013–14</b>								
<b>Total number</b> .....	<b>391,785</b>	<b>259,036</b>	<b>53,031</b>	<b>5,937</b>	<b>72,351</b>	<b>1,430</b>	<b>56,590</b>	<b>167,195</b>
Percentage distribution of total .....	100.0	66.1	13.5	1.5	18.5	0.4	†	†
Number by sex								
Male .....	254,942	166,488	33,583	3,841	50,045	985	37,358	110,925
Female .....	136,843	92,548	19,448	2,096	22,306	445	18,573	56,270
Number by race/ethnicity								
White .....	201,726	146,881	21,241	2,984	29,876	744	32,764	80,238
Black .....	83,052	47,739	14,306	1,226	19,452	329	8,910	44,113
Hispanic .....	85,231	50,112	14,723	1,320	18,812	264	11,017	33,003
Asian .....	6,622	4,712	1,092	243	543	32	1,369	1,579
Pacific Islander .....	1,489	1,003	117	12	343	14	357	432
American Indian/Alaska Native .....	5,666	3,432	521	49	1,646	18	857	3,063
Two or more races .....	7,999	5,157	1,031	103	1,679	29	1,316	4,767
Number by age <sup>6</sup>								
14 .....	2,957	7	2	†	2,742	206	15,025	35,562
15 .....	5,602	46	23	†	5,296	237	12,809	37,607
16 .....	15,621	3,560	483	†	11,309	269	12,434	36,450
17 .....	146,276	112,169	14,232	1	19,587	287	9,883	31,268
18 .....	147,787	107,542	20,758	2	19,289	196	4,571	17,574
19 .....	41,667	24,336	8,078	16	9,124	113	1,086	5,893
20 .....	18,054	7,931	4,740	1,571	3,738	74	533	2,061
21 .....	13,821	3,445	4,715	4,347	1,266	48	249	780
Number by type of disability								
Autism .....	21,584	14,148	4,630	1,173	1,565	68	1,942	6,016
Deaf-blindness .....	125	65	30	9	16	5	9	31
Emotional disturbance .....	37,595	20,570	3,373	278	13,238	136	5,315	29,468
Hearing impairment .....	4,555	3,382	674	59	430	10	607	1,541
Intellectual disability .....	34,992	14,273	12,296	2,328	5,873	222	1,431	13,059
Multiple disabilities .....	8,831	4,059	2,417	799	1,255	301	328	2,994
Orthopedic impairment .....	3,289	2,157	548	154	361	69	380	968
Other health impairment <sup>7</sup> .....	60,384	43,552	5,664	280	10,625	263	9,492	26,450
Specific learning disability .....	205,753	145,627	21,972	674	37,178	302	28,027	80,501
Speech or language impairment .....	10,278	7,998	826	58	1,376	20	8,620	5,058
Traumatic brain injury .....	2,616	1,811	380	84	319	22	223	654
Visual impairment .....	1,783	1,394	221	41	115	12	216	455
<b>2014–15<sup>8</sup></b>								
<b>Total number</b> .....	<b>395,139</b>	<b>274,240</b>	<b>43,663</b>	<b>5,259</b>	<b>70,475</b>	<b>1,502</b>	<b>56,979</b>	<b>162,248</b>
Percentage distribution of total .....	100.0	69.4	11.1	1.3	17.8	0.4	†	†
Number by sex								
Male .....	256,709	175,824	27,675	3,414	48,766	1,030	37,508	107,611
Female .....	138,430	98,416	15,988	1,845	21,709	472	19,445	54,637
Number by race/ethnicity								
White .....	199,133	147,869	18,623	2,524	29,379	738	32,736	75,783
Black .....	83,467	51,828	11,915	1,128	18,227	369	8,763	41,354
Hispanic .....	89,345	58,578	10,903	1,260	18,318	286	11,433	34,442
Asian .....	6,786	5,160	865	217	506	38	1,556	1,781
Pacific Islander .....	1,618	1,068	143	23	371	13	357	467
American Indian/Alaska Native .....	5,963	3,859	292	37	1,752	23	695	3,298
Two or more races .....	8,827	5,878	922	70	1,922	35	1,439	5,123
Number by age <sup>6</sup>								
14 .....	3,075	53	15	†	2,810	197	15,637	36,067
15 .....	5,560	99	33	†	5,183	244	13,189	36,236
16 .....	17,028	4,516	471	†	11,752	289	12,733	36,311
17 .....	153,819	123,496	10,915	4	19,092	312	9,560	29,295
18 .....	145,885	110,910	16,449	10	18,317	199	4,211	16,311
19 .....	38,560	23,198	6,733	19	8,498	112	1,035	5,379
20 .....	18,384	8,298	4,976	1,371	3,649	90	407	1,938
21 .....	12,828	3,670	4,071	3,854	1,174	59	207	711

See notes at end of table.

**Table 219.90. Number and percentage distribution of 14- through 21-year-old students served under Individuals with Disabilities Education Act (IDEA), Part B, who exited school, by exit reason, sex, race/ethnicity, age, and type of disability: 2013–14 and 2014–15—Continued**

Year, sex, race/ethnicity, age, and type of disability	Exited school						Transferred to regular education <sup>4</sup>	Moved, known to be continuing <sup>5</sup>
	Total	Graduated with regular diploma	Received alternative certificate <sup>1</sup>	Reached maximum age <sup>2</sup>	Dropped out <sup>3</sup>	Died		
1	2	3	4	5	6	7	8	9
<b>Number by type of disability</b>								
Autism .....	23,603	16,100	4,662	1,010	1,767	64	2,135	6,622
Deaf-blindness .....	95	52	18	8	13	4	7	18
Emotional disturbance .....	37,199	21,274	2,522	274	12,990	139	5,119	25,833
Hearing impairment .....	4,446	3,558	450	55	375	8	641	1,555
Intellectual disability .....	35,151	14,857	11,996	2,117	5,949	232	1,343	12,085
Multiple disabilities .....	8,555	4,011	2,421	573	1,232	318	329	2,715
Orthopedic impairment .....	3,208	2,079	573	165	312	79	420	924
Other health impairment <sup>7</sup> .....	63,318	46,994	4,647	284	11,120	273	9,492	28,229
Specific learning disability .....	204,701	153,433	15,362	633	34,938	335	27,249	77,943
Speech or language impairment .....	10,454	8,487	537	40	1,379	11	9,838	5,165
Traumatic brain injury .....	2,649	1,949	324	65	281	30	219	685
Visual impairment .....	1,760	1,446	151	35	119	9	187	474

†Not applicable.

<sup>1</sup>Received a certificate of completion, modified diploma, or some similar document, but did not meet the same standards for graduation as those for students without disabilities.

<sup>2</sup>Students may exit special education services due to maximum age beginning at age 18, depending on state law or practice or order of any court.

<sup>3</sup>"Dropped out" is defined as the total who were enrolled at some point in the reporting year, were not enrolled at the end of the reporting year, and did not exit for any of the other reasons described. Includes students previously categorized as "moved, not known to continue."

<sup>4</sup>"Transferred to regular education" was previously labeled "no longer receives special education."

<sup>5</sup>"Moved, known to be continuing" is the total number of students who moved out of the administrative area or transferred to another district and are known to be continuing in an educational program.

<sup>6</sup>Age data are as of fall of the school year, so some students may have been 1 year older at the time they exited school.

<sup>7</sup>Other health impairments include having limited strength, vitality, or alertness due to chronic or acute health problems such as a heart condition, tuberculosis, rheumatic fever, nephritis, asthma, sickle cell anemia, hemophilia, epilepsy, lead poisoning, leukemia, or diabetes.

<sup>8</sup>Data for 2014–15 include imputations for missing or unavailable data from Ohio and Illinois. NOTE: Data are for the 50 states, the District of Columbia, the Bureau of Indian Education, American Samoa, the Federated States of Micronesia, Guam, the Northern Marianas, Puerto Rico, the Republic of Palau, the Republic of the Marshall Islands, and the U.S. Virgin Islands. Race categories exclude persons of Hispanic ethnicity. Detail may not sum to totals because of rounding.

SOURCE: U.S. Department of Education, Office of Special Education Programs, Individuals with Disabilities Education Act (IDEA) Section 618 Data Products: State Level Data Files. Retrieved July 14, 2017, from <http://www2.ed.gov/programs/osepidea/618-data/state-level-data-files/index.html>. (This table was prepared July 2017.)

**Table 220.30. Children's reading, language, mathematics, color knowledge, and fine motor skills at about 4 years of age, by child's age and selected characteristics: 2005–06**

[Standard errors appear in parentheses]

Age and selected characteristic	Number of children (in thousands)	Percentage distribution of children	Average early reading scale score <sup>1</sup>	Expressive vocabulary (telling stories) score <sup>2</sup>	Average mathematics scale score <sup>3</sup>	Color knowledge—percent scoring 10 out of 10 <sup>4</sup>	Fine motor score <sup>5</sup>
1	2	3	4	5	6	7	8
<b>Less than 48 months</b>							
<b>Total</b>	<b>645 (22.3)</b>	<b>100.0 (†)</b>	<b>21.5 (0.32)</b>	<b>2.1 (0.04)</b>	<b>24.5 (0.31)</b>	<b>49.0 (1.89)</b>	<b>2.5 (0.05)</b>
Sex of child							
Male	324 (15.8)	50.3 (1.79)	20.7 (0.48)	1.9 (0.05)	23.5 (0.44)	41.8 (3.03)	2.3 (0.07)
Female	321 (16.3)	49.7 (1.79)	22.4 (0.43)	2.2 (0.06)	25.5 (0.45)	56.1 (2.40)	2.8 (0.06)
Socioeconomic status <sup>6</sup>							
Lowest 20 percent	121 (11.3)	18.7 (1.50)	16.7 (0.35)	1.8 (0.09)	19.1 (0.52)	16.2 (3.65)	2.0 (0.10)
Middle 60 percent	380 (16.7)	58.9 (1.67)	21.0 (0.39)	2.1 (0.04)	24.2 (0.39)	50.9 (2.57)	2.6 (0.06)
Highest 20 percent	144 (10.7)	22.4 (1.59)	26.3 (0.67)	2.2 (0.07)	29.2 (0.64)	67.8 (2.97)	2.9 (0.09)
<b>48 through 57 months</b>							
<b>Total</b>	<b>2,939 (23.2)</b>	<b>100.0 (†)</b>	<b>25.5 (0.22)</b>	<b>2.4 (0.02)</b>	<b>29.7 (0.20)</b>	<b>63.6 (0.84)</b>	<b>3.4 (0.02)</b>
Sex of child							
Male	1,516 (18.2)	51.6 (0.48)	24.6 (0.26)	2.3 (0.03)	29.2 (0.25)	61.2 (1.12)	3.1 (0.04)
Female	1,423 (18.4)	48.4 (0.48)	26.4 (0.29)	2.6 (0.02)	30.3 (0.24)	66.1 (1.29)	3.7 (0.04)
Race/ethnicity of child							
White	1,604 (22.9)	54.7 (0.69)	27.4 (0.30)	2.6 (0.03)	31.6 (0.28)	71.0 (1.11)	3.5 (0.03)
Black	391 (11.5)	13.3 (0.37)	22.9 (0.46)	2.4 (0.04)	26.9 (0.44)	55.3 (2.44)	3.2 (0.06)
Hispanic	729 (18.1)	24.9 (0.56)	21.2 (0.36)	2.1 (0.04)	26.2 (0.34)	50.2 (1.79)	3.3 (0.06)
Asian	74 (3.6)	2.5 (0.12)	30.5 (0.56)	2.1 (0.05)	34.7 (0.42)	70.7 (2.37)	4.5 (0.09)
Pacific Islander	4 (0.7)	0.1 (0.03)	22.2 (2.24)	2.1 (0.18)	26.3 (3.41)	39.0 (9.21)	3.0 (0.34)
American Indian/Alaska Native	15 (1.5)	0.5 (0.05)	20.1 (0.89)	2.1 (0.09)	23.2 (0.98)	44.1 (3.83)	3.0 (0.18)
Two or more races	115 (9.0)	3.9 (0.31)	27.3 (0.89)	2.5 (0.06)	30.2 (0.82)	62.7 (3.04)	3.5 (0.12)
Primary type of nonparental care arrangement <sup>7</sup>							
No regular nonparental arrangement	535 (20.8)	18.2 (0.69)	22.9 (0.41)	2.3 (0.04)	26.9 (0.41)	51.6 (2.04)	3.1 (0.05)
Home-based care							
Relative care <sup>8</sup>	384 (18.8)	13.1 (0.65)	23.0 (0.44)	2.3 (0.05)	27.3 (0.42)	53.4 (2.58)	3.2 (0.07)
Nonrelative care <sup>9</sup>	220 (11.8)	7.5 (0.40)	25.1 (0.51)	2.5 (0.07)	30.2 (0.58)	63.8 (2.72)	3.3 (0.09)
Head Start	386 (22.3)	13.2 (0.73)	22.2 (0.35)	2.3 (0.05)	26.8 (0.40)	52.8 (2.55)	3.2 (0.07)
Other center-based care <sup>10</sup>	1,358 (26.2)	46.3 (0.83)	28.0 (0.32)	2.6 (0.03)	32.2 (0.27)	73.5 (1.19)	3.6 (0.04)
Multiple arrangements <sup>11</sup>	52 (6.8)	1.8 (0.23)	24.6 (0.93)	2.5 (0.10)	29.3 (0.92)	67.1 (5.44)	3.2 (0.23)
Mother's employment status							
Full-time (35 hours or more)	1,149 (26.5)	39.4 (0.85)	25.6 (0.30)	2.5 (0.03)	30.3 (0.24)	67.5 (1.09)	3.5 (0.05)
Part-time (less than 35 hours)	573 (17.7)	19.6 (0.60)	26.3 (0.35)	2.5 (0.04)	30.6 (0.35)	63.5 (2.06)	3.5 (0.05)
Looking for work	163 (9.9)	5.6 (0.34)	21.7 (0.57)	2.2 (0.07)	25.8 (0.74)	47.1 (3.83)	3.0 (0.11)
Not in labor force	1,010 (27.1)	34.6 (0.88)	25.5 (0.39)	2.4 (0.03)	29.3 (0.35)	62.1 (1.42)	3.3 (0.04)
No mother in household	22 (4.0)	0.8 (0.14)	21.6 (1.35)	2.3 (0.24)	26.3 (1.25)	57.3 (8.79)	3.0 (0.21)
Parents' highest level of education							
Less than high school	292 (11.9)	9.9 (0.41)	18.7 (0.41)	1.9 (0.06)	23.6 (0.47)	37.3 (2.74)	3.1 (0.09)
High school completion	672 (24.1)	22.9 (0.79)	21.6 (0.28)	2.3 (0.03)	25.9 (0.30)	52.0 (1.64)	3.1 (0.04)
Some college/vocational	998 (23.5)	34.0 (0.76)	24.3 (0.30)	2.5 (0.03)	28.9 (0.28)	63.4 (1.29)	3.4 (0.04)
Bachelor's degree	498 (17.6)	17.0 (0.57)	28.8 (0.40)	2.7 (0.04)	33.2 (0.28)	75.6 (1.69)	3.7 (0.08)
Any graduate education	475 (14.6)	16.2 (0.49)	33.0 (0.43)	2.7 (0.04)	36.2 (0.33)	81.0 (1.48)	3.9 (0.05)
Poverty status <sup>12</sup>							
Below poverty threshold	732 (21.0)	24.9 (0.71)	20.5 (0.26)	2.1 (0.03)	24.6 (0.28)	46.9 (1.76)	3.1 (0.05)
At or above poverty threshold	2,207 (28.4)	75.1 (0.71)	27.0 (0.24)	2.5 (0.02)	31.3 (0.21)	68.8 (0.91)	3.5 (0.03)
Socioeconomic status <sup>6</sup>							
Lowest 20 percent	576 (17.2)	19.6 (0.57)	19.3 (0.31)	2.0 (0.04)	23.6 (0.35)	43.1 (2.15)	3.0 (0.06)
Middle 60 percent	1,768 (27.3)	60.2 (0.77)	24.7 (0.22)	2.5 (0.03)	29.3 (0.23)	63.5 (1.07)	3.4 (0.03)
Highest 20 percent	594 (20.4)	20.2 (0.68)	32.7 (0.43)	2.8 (0.03)	36.2 (0.33)	81.6 (1.51)	3.9 (0.05)
<b>58 months or more</b>							
<b>Total</b>	<b>356 (16.4)</b>	<b>100.0 (†)</b>	<b>29.7 (0.58)</b>	<b>2.6 (0.04)</b>	<b>34.5 (0.44)</b>	<b>71.1 (2.09)</b>	<b>4.1 (0.07)</b>
Sex of child							
Male	179 (12.1)	50.3 (2.21)	29.0 (0.77)	2.6 (0.06)	34.2 (0.64)	66.5 (3.05)	3.7 (0.10)
Female	177 (10.5)	49.7 (2.21)	30.4 (0.76)	2.7 (0.06)	34.8 (0.51)	75.9 (2.49)	4.4 (0.10)
Socioeconomic status <sup>6</sup>							
Lowest 20 percent	91 (8.0)	25.5 (2.26)	22.3 (0.91)	2.1 (0.11)	28.4 (0.97)	47.4 (5.25)	3.6 (0.14)
Middle 60 percent	215 (14.7)	60.5 (2.47)	30.0 (0.75)	2.7 (0.05)	34.9 (0.54)	76.0 (2.63)	4.1 (0.10)
Highest 20 percent	50 (6.9)	14.0 (1.84)	40.3 (2.31)	2.9 (0.10)	42.8 (1.15)	88.5 (2.89)	4.7 (0.18)

†Not applicable.

<sup>1</sup>Reflects performance on language and literacy items (e.g., conventions of print, letter recognition, understanding of letter-sound relationships, phonological awareness, sight word recognition, and understanding words in the context of simple sentences). Potential score ranges from 0 to 85.

<sup>2</sup>Verbal expressiveness using gestures, words, and sentences. Potential score ranges from 0 to 5.

<sup>3</sup>Includes number sense, geometry, counting, operations, and patterns. Potential score ranges from 0 to 71.

<sup>4</sup>Percentage of children who scored 10 on a test with a potential score range of 0 to 10. These children were able to name the colors of five pictured objects (2 points per correct answer).

<sup>5</sup>Measures the ability to use fine motor skills in drawing basic forms and shapes. Potential score ranges from 0 to 7.

<sup>6</sup>Socioeconomic status (SES) was measured by a composite score based on parental education and occupations, and family income.

<sup>7</sup>The type of nonparental care in which the child spent the most hours.

<sup>8</sup>Care provided in the child's home or in another private home by a relative (excluding parents).

<sup>9</sup>Care provided in the child's home or in another private home by a person unrelated to the child.

<sup>10</sup>Care provided in places such as early learning centers, nursery schools, and preschools, excluding Head Start.

<sup>11</sup>Children who spent an equal amount of time in each of two or more types of arrangements. <sup>12</sup>Poverty status based on Census Bureau guidelines from 2005, which identify a dollar amount determined to meet a household's needs, given its size and composition. In 2005, a family of four was considered to live below the poverty threshold if its income was less than or equal to \$19,971.

NOTE: Estimates weighted by W3R0. Estimates pertain to a sample of children who were born in 2001. This table was designed to present data collected when the children were about 4 years of age (i.e., 48 to 57 months old). As shown in the table, some children were younger or older than this at the time data were collected, although 75 percent were within the target age range. Race categories exclude persons of Hispanic ethnicity. Detail may not sum to totals because of rounding and survey item nonresponse. Some data have been revised from previously published figures.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Early Childhood Longitudinal Study, Birth Cohort (ECLS-B), Longitudinal 9-Month–Kindergarten 2007 Restricted-Use Data File. (This table was prepared December 2010.)

**Table 220.39. Percentage distribution of fall 2010 first-time kindergartners, by two risk factors (low parental education and family poverty) and selected child, family, and school characteristics: 2010–11**  
[Standard errors appear in parentheses]

Selected child, family, or school characteristic	All first-time kindergartners		Percentage distribution, by two risk factors <sup>1</sup>							
	Total number (in thousands)	Percentage distribution, by selected characteristics	Total	Both risk factors: No parent completed high school <sup>2</sup> and family below poverty threshold <sup>3</sup>		One risk factor: No parent completed high school		One risk factor: Family below poverty threshold		Neither risk factor
1	2	3	4	5	6	7	8	9	10	
<b>Total</b> .....	<b>3,759 (28.1)</b>	<b>100.0 (†)</b>	<b>100.0 (†)</b>	<b>5.5 (0.49)</b>	<b>2.0 (0.23)</b>	<b>17.7 (0.83)</b>	<b>74.8 (1.07)</b>			
<b>Sex of child</b>										
Male .....	1,914 (21.3)	50.9 (0.48)	100.0 (†)	6.0 (0.66)	1.9 (0.24)	18.0 (1.18)	74.1 (1.42)			
Female .....	1,844 (24.3)	49.1 (0.48)	100.0 (†)	5.0 (0.49)	2.1 (0.31)	17.4 (0.88)	75.6 (1.07)			
<b>Age of child at kindergarten entry</b>										
Less than 5 years old .....	132 (21.1)	3.5 (0.56)	100.0 (†)	5.2! (2.35)	† (†)	18.9 (3.83)	74.2 (4.97)			
5 years old to 5 1/2 years old .....	1,635 (30.3)	43.5 (0.68)	100.0 (†)	5.2 (0.61)	2.7 (0.36)	18.2 (1.17)	73.9 (1.41)			
More than 5 1/2 years old to 6 years old .....	1,635 (27.1)	43.5 (0.68)	100.0 (†)	6.1 (0.73)	1.5 (0.28)	18.0 (1.08)	74.4 (1.37)			
More than 6 years old .....	357 (21.5)	9.5 (0.56)	100.0 (†)	4.7 (1.00)	1.2! (0.50)	13.4 (2.05)	80.7 (2.56)			
<b>Race/ethnicity of child</b>										
White .....	1,964 (65.5)	52.3 (1.68)	100.0 (†)	1.1 (0.23)	0.3 (0.08)	11.1 (1.02)	87.5 (1.03)			
Black .....	488 (44.9)	13.0 (1.20)	100.0 (†)	7.6 (1.88)	1.2! (0.48)	31.4 (2.26)	59.9 (2.08)			
Hispanic .....	923 (46.9)	24.6 (1.25)	100.0 (†)	14.7 (1.39)	6.0 (0.84)	27.5 (1.84)	51.8 (2.71)			
Asian .....	165 (25.4)	4.4 (0.68)	100.0 (†)	7.5! (2.81)	5.0! (1.71)	12.9 (2.60)	74.6 (3.68)			
Pacific Islander .....	† (†)	† (†)	100.0 (†)	† (†)	† (†)	† (†)	† (†)			
American Indian/Alaska Native .....	42! (18.7)	1.1! (0.50)	100.0 (†)	† (†)	† (†)	8.8! (3.99)	75.2 (4.35)			
Two or more races .....	161 (8.5)	4.3 (0.22)	100.0 (†)	† (†)	† (†)	14.6 (2.26)	83.4 (2.52)			
<b>How often child exhibited positive learning behaviors, fall 2010<sup>4</sup></b>										
Never .....	43 (5.4)	1.2 (0.15)	100.0 (†)	5.0! (2.48)	† (†)	32.0 (7.73)	60.1 (7.57)			
Sometimes .....	872 (24.3)	23.8 (0.66)	100.0 (†)	8.2 (1.22)	2.2 (0.51)	23.1 (1.34)	66.5 (2.12)			
Often .....	1,780 (37.2)	48.5 (0.94)	100.0 (†)	4.8 (0.60)	1.8 (0.30)	17.1 (1.21)	76.3 (1.28)			
Very often .....	971 (33.8)	26.5 (0.85)	100.0 (†)	4.1 (0.61)	1.9 (0.46)	13.0 (1.16)	81.0 (1.50)			
<b>Primary type of nonparental care arrangement prior to kindergarten entry<sup>5</sup></b>										
No regular nonparental arrangement .....	751 (37.8)	20.6 (0.99)	100.0 (†)	10.1 (1.33)	3.6 (0.67)	25.8 (1.60)	60.5 (2.34)			
Home-based care										
Relative care .....	548 (23.5)	15.0 (0.64)	100.0 (†)	6.0 (1.27)	1.9! (0.67)	21.5 (2.36)	70.6 (2.70)			
Nonrelative care .....	240 (16.8)	6.6 (0.45)	100.0 (†)	† (†)	1.5! (0.71)	6.5 (1.29)	91.1 (1.16)			
Center-based care .....	2,008 (39.7)	55.2 (1.11)	100.0 (†)	4.5 (0.54)	1.6 (0.22)	14.9 (0.96)	79.1 (0.94)			
Multiple arrangements .....	93 (8.2)	2.6 (0.22)	100.0 (†)	† (†)	† (†)	10.9! (3.40)	88.4 (3.44)			
<b>Household type, fall 2010<sup>6</sup></b>										
Two-parent household .....	2,757 (42.3)	78.6 (0.91)	100.0 (†)	3.8 (0.40)	1.8 (0.26)	12.0 (0.82)	82.4 (1.17)			
Mother-only household .....	641 (31.6)	18.3 (0.88)	100.0 (†)	10.1 (1.66)	2.2 (0.46)	39.5 (1.79)	48.2 (2.24)			
Father-only household .....	45 (6.6)	1.3 (0.19)	100.0 (†)	† (†)	† (†)	27.8 (6.84)	63.3 (6.64)			
Other household type .....	65 (6.9)	1.9 (0.19)	100.0 (†)	† (†)	† (†)	24.5! (7.68)	62.8 (5.03)			
<b>Primary home language</b>										
English .....	3,119 (41.7)	83.1 (0.81)	100.0 (†)	2.3 (0.40)	0.5 (0.09)	15.3 (0.90)	81.9 (0.96)			
Non-English .....	585 (28.7)	15.6 (0.77)	100.0 (†)	22.7 (1.71)	9.7 (1.16)	30.2 (2.20)	37.3 (3.11)			
Primary language not identified .....	47 (7.3)	1.3 (0.20)	100.0 (†)	7.0! (3.07)	† (†)	26.7 (7.47)	59.3 (8.95)			
<b>Parents' highest level of education<sup>7</sup></b>										
Less than high school .....	291 (19.9)	7.8 (0.53)	100.0 (†)	73.4 (2.34)	26.6 (2.34)	† (†)	† (†)			
High school completion .....	771 (26.2)	20.5 (0.66)	100.0 (†)	† (†)	† (†)	42.7 (1.91)	57.3 (1.91)			
Some college/vocational .....	1,250 (34.3)	33.3 (0.87)	100.0 (†)	† (†)	† (†)	22.7 (1.26)	77.3 (1.26)			
Bachelor's degree .....	779 (26.9)	20.8 (0.72)	100.0 (†)	† (†)	† (†)	6.3 (1.27)	93.7 (1.27)			
Any graduate education .....	661 (28.5)	17.6 (0.75)	100.0 (†)	† (†)	† (†)	2.9 (0.66)	97.1 (0.66)			
<b>Poverty status, spring 2011<sup>3</sup></b>										
Below poverty threshold .....	793 (35.2)	23.2 (1.00)	100.0 (†)	23.8 (1.73)	† (†)	76.2 (1.73)	† (†)			
100 to 199 percent of poverty threshold .....	812 (25.8)	23.8 (0.74)	100.0 (†)	† (†)	6.3 (0.84)	† (†)	93.7 (0.84)			
200 percent or more of poverty threshold .....	1,812 (45.9)	53.0 (1.18)	100.0 (†)	† (†)	0.9 (0.21)	† (†)	99.1 (0.21)			
<b>Two risk factors<sup>1</sup></b>										
Both risk factors: No parent completed high school <sup>2</sup> and family below poverty threshold <sup>3</sup> .....	189 (16.8)	5.5 (0.49)	100.0 (†)	100.0 (†)	† (†)	† (†)	† (†)			
One risk factor: No parent completed high school .....	68 (7.8)	2.0 (0.23)	100.0 (†)	† (†)	100.0 (†)	† (†)	† (†)			
One risk factor: Family below poverty threshold .....	604 (28.9)	17.7 (0.83)	100.0 (†)	† (†)	† (†)	100.0 (†)	† (†)			
Neither risk factor .....	2,556 (46.5)	74.8 (1.07)	100.0 (†)	† (†)	† (†)	† (†)	100.0 (†)			
<b>Socioeconomic status<sup>8</sup></b>										
Lowest 20 percent .....	728 (32.3)	19.4 (0.86)	100.0 (†)	28.9 (1.92)	7.9 (0.97)	52.7 (1.99)	10.6 (1.24)			
Middle 60 percent .....	2,255 (38.2)	60.1 (0.83)	100.0 (†)	0.2! (0.12)	0.9 (0.18)	12.9 (0.84)	86.0 (0.87)			
Highest 20 percent .....	769 (33.0)	20.5 (0.87)	100.0 (†)	† (†)	† (†)	0.9! (0.29)	99.1 (0.29)			
<b>School control, fall 2010</b>										
Public .....	3,361 (21.5)	89.4 (0.29)	100.0 (†)	6.1 (0.54)	2.2 (0.25)	18.9 (0.88)	72.8 (1.14)			
Private .....	397 (12.8)	10.6 (0.29)	100.0 (†)	0.9! (0.28)	† (†)	7.3! (2.36)	91.3 (2.29)			

†Not applicable.

!Interpret data with caution. The coefficient of variation (CV) for this estimate is between 30 and 50 percent.

‡Reporting standards not met. Either there are too few cases for a reliable estimate or the coefficient of variation (CV) is 50 percent or greater.

<sup>1</sup>Includes only children for whom information about both risk factors is available. Excludes children with missing information about parental education or family poverty.

<sup>2</sup>High school not completed by any parent or guardian living with the child.

<sup>3</sup>Poverty status is based on preliminary U.S. Census income thresholds for 2010, which identify incomes determined to meet household needs, given family size and composition. For example, a family of three with one child was below the poverty threshold if its income was less than \$17,552 in 2010.

<sup>4</sup>Derived from child's approaches to learning scale score in fall of the kindergarten year. This score is based on teachers' reports on how often students exhibit positive learning behaviors in seven areas: attentiveness, task persistence, eagerness to learn, learning independence, ability to adapt easily to changes in routine, organization, and ability to follow classroom rules. Possible scores range from 1 to 4, with higher scores indicating that a child exhibits positive learning behaviors more often. Fall 2010 scores were categorized into the four anchor points on the original scale—1 (never), 2 (sometimes), 3 (often), and 4 (very often)—by rounding the mean score to the nearest whole number.

<sup>5</sup>The type of nonparental care in which the child spent the most hours. "Multiple arrangements" refers to children who spent an equal amount of time in each of two or more arrangements.

<sup>6</sup>A two-parent household may have two biological parents, two adoptive parents, or one biological/adoptive parent and one other parent/partner. A mother-only or father-only household has one biological or adoptive parent only, without another parent/partner. In other household types, which do not include biological or adoptive parents, the guardian or guardians may be related or unrelated to the child.

<sup>7</sup>Parents' highest level of education is the highest level of education achieved by either of the parents or guardians in a two-parent household, by the only parent in a single-parent household, or by any guardian in a household with no parents.

<sup>8</sup>Socioeconomic status (SES) was measured by a composite score based on parental education and occupations and household income during the child's kindergarten year. NOTE: Estimates weighted by W7C17P\_7T170. Estimates pertain to a sample of children who were enrolled in kindergarten for the first time in the 2010–11 school year. Estimates represent characteristics as of 2010–11, when the first wave of data collection occurred, and include the entire sample of 2010–11 first-time kindergartners. However, estimates in this table may differ from estimates in tables based on earlier data files, because weights have been adjusted to account for survey nonresponse at each data collection wave. Race categories exclude persons of Hispanic ethnicity. Detail may not sum to totals because of rounding and survey item nonresponse.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Early Childhood Longitudinal Study, Kindergarten Class of 2010–11 (ECLS-K:2011), Kindergarten-Third Grade Restricted-Use Data File. (This table was prepared October 2016.)

**Table 220.40. Fall 2010 first-time kindergartners' reading scale scores through spring of fourth grade, by selected child, family, and school characteristics during the kindergarten year: Fall 2010 and spring 2011 through spring 2015**

[Standard errors appear in parentheses]

Selected child, family, or school characteristic during the kindergarten year	Mean reading score <sup>1</sup>									
	Kindergarten		First grade, spring 2012		Second grade, spring 2013		Third grade, spring 2014		Fourth grade, spring 2015	
	Fall 2010	Spring 2011								
1	2	3	4	5	6	7				
<b>Total</b> .....	<b>53.3 (0.31)</b>	<b>67.9 (0.39)</b>	<b>93.5 (0.50)</b>	<b>107.9 (0.39)</b>	<b>117.3 (0.33)</b>	<b>123.3 (0.31)</b>				
<b>Sex of child</b>										
Male .....	52.9 (0.37)	67.3 (0.47)	92.2 (0.57)	106.7 (0.47)	116.1 (0.40)	122.7 (0.38)				
Female .....	53.8 (0.38)	68.6 (0.44)	94.9 (0.59)	109.1 (0.43)	118.4 (0.41)	123.9 (0.36)				
<b>Age of child at kindergarten entry, fall 2010</b>										
Less than 5 years old .....	50.8 (1.06)	63.9 (1.51)	88.7 (1.83)	104.5 (1.27)	114.0 (1.23)	121.4 (1.11)				
5 years old to 5 1/2 years old .....	51.8 (0.38)	66.2 (0.51)	91.6 (0.64)	106.5 (0.48)	116.1 (0.41)	122.5 (0.37)				
More than 5 1/2 years old to 6 years old .....	54.3 (0.41)	69.2 (0.43)	95.0 (0.63)	109.0 (0.52)	118.4 (0.44)	124.1 (0.39)				
More than 6 years old .....	56.4 (0.55)	70.9 (0.73)	96.6 (0.81)	109.8 (0.73)	118.6 (0.69)	124.3 (0.78)				
<b>Race/ethnicity of child</b>										
White .....	55.1 (0.40)	70.0 (0.48)	96.8 (0.53)	110.7 (0.37)	120.3 (0.34)	125.8 (0.30)				
Black .....	51.9 (0.61)	65.8 (0.82)	89.7 (1.18)	103.6 (0.95)	111.7 (0.82)	118.3 (0.95)				
Hispanic .....	49.4 (0.45)	64.0 (0.49)	87.4 (0.85)	103.1 (0.84)	112.6 (0.67)	119.6 (0.65)				
Asian .....	57.3 (1.12)	71.4 (1.34)	97.5 (1.99)	111.4 (1.43)	120.5 (1.27)	126.8 (1.61)				
Pacific Islander .....	†	†	†	†	†	†				
American Indian/Alaska Native .....	50.2 (0.86)	63.3 (1.38)	92.1 (1.65)	103.1 (1.79)	114.8 (0.92)	121.3 (1.11)				
Two or more races .....	55.7 (1.07)	70.5 (1.29)	96.9 (1.47)	111.1 (1.25)	120.9 (1.02)	126.7 (0.78)				
<b>How often child exhibited positive learning behaviors, fall 2010<sup>2</sup></b>										
Never .....	41.7 (0.86)	51.3 (1.69)	66.9 (1.60)	85.3 (1.67)	95.9 (1.81)	106.3 (2.01)				
Sometimes .....	48.4 (0.44)	61.7 (0.50)	84.6 (0.79)	100.7 (0.65)	110.6 (0.48)	117.9 (0.51)				
Often .....	53.4 (0.31)	68.3 (0.42)	94.5 (0.51)	108.9 (0.37)	118.2 (0.38)	124.1 (0.37)				
Very often .....	58.3 (0.57)	73.9 (0.67)	101.2 (0.65)	113.9 (0.59)	122.7 (0.48)	127.5 (0.44)				
<b>Primary type of nonparental care arrangement prior to kindergarten entry<sup>3</sup></b>										
No regular nonparental arrangement .....	51.2 (0.67)	65.4 (0.72)	89.9 (0.86)	104.6 (0.78)	114.4 (0.67)	120.9 (0.57)				
Home-based care										
Relative care .....	51.1 (0.57)	66.3 (0.62)	91.3 (0.90)	106.1 (0.75)	115.5 (0.67)	122.0 (0.60)				
Nonrelative care .....	53.9 (0.63)	69.6 (0.87)	96.4 (0.86)	109.9 (0.63)	119.4 (0.77)	125.4 (0.66)				
Center-based care .....	54.7 (0.31)	69.1 (0.42)	95.1 (0.57)	109.4 (0.41)	118.6 (0.39)	124.3 (0.37)				
Multiple arrangements .....	54.1 (0.75)	69.6 (0.96)	95.4 (1.53)	110.1 (1.16)	118.1 (1.09)	124.9 (0.81)				
<b>Household type, fall 2010<sup>4</sup></b>										
Two-parent household .....	54.3 (0.36)	69.1 (0.41)	95.2 (0.52)	109.5 (0.39)	118.8 (0.32)	124.7 (0.30)				
Mother-only household .....	50.3 (0.47)	64.1 (0.67)	88.1 (0.92)	103.1 (0.74)	112.6 (0.70)	119.3 (0.64)				
Father-only household .....	49.4 (0.89)	62.2 (1.21)	86.8 (2.07)	101.6 (1.60)	111.0 (1.50)	117.8 (1.64)				
Other household type .....	48.8 (0.93)	62.7 (1.19)	86.9 (1.57)	102.1 (1.47)	110.3 (1.38)	117.6 (1.45)				
<b>Primary home language</b>										
English .....	54.3 (0.31)	69.1 (0.41)	95.0 (0.47)	109.2 (0.35)	118.5 (0.32)	124.3 (0.28)				
Non-English .....	48.2 (0.68)	62.0 (0.82)	85.4 (1.27)	101.1 (1.05)	110.8 (0.85)	118.1 (0.87)				
Primary language not identified <sup>5</sup> .....	50.8 (1.83)	66.4 (1.99)	90.1 (2.66)	106.2 (2.50)	113.1 (2.13)	121.9 (2.46)				
<b>Parents' highest level of education<sup>6</sup></b>										
Less than high school .....	45.8 (0.76)	59.2 (0.85)	80.5 (1.19)	96.5 (1.15)	106.1 (1.03)	113.0 (1.19)				
High school completion .....	49.1 (0.38)	63.2 (0.46)	86.7 (0.65)	101.4 (0.60)	111.1 (0.50)	118.6 (0.50)				
Some college/vocational .....	52.1 (0.32)	66.9 (0.48)	92.7 (0.54)	107.4 (0.42)	116.7 (0.39)	122.7 (0.39)				
Bachelor's degree .....	56.6 (0.40)	71.6 (0.48)	98.2 (0.58)	112.2 (0.37)	121.5 (0.34)	127.0 (0.32)				
Any graduate education .....	60.0 (0.54)	75.0 (0.58)	103.1 (0.57)	116.2 (0.42)	125.4 (0.44)	130.1 (0.35)				
<b>Poverty status, spring 2011<sup>7</sup></b>										
Below poverty threshold .....	48.5 (0.45)	62.2 (0.54)	84.6 (0.79)	100.0 (0.71)	110.0 (0.60)	117.2 (0.61)				
100 to 199 percent of poverty threshold .....	51.7 (0.37)	66.2 (0.60)	91.5 (0.78)	106.0 (0.61)	115.3 (0.59)	121.5 (0.60)				
200 percent or more of poverty threshold .....	56.5 (0.33)	71.4 (0.41)	98.6 (0.44)	112.4 (0.31)	121.6 (0.30)	127.0 (0.24)				
<b>Two risk factors<sup>8</sup></b>										
Both risk factors: No parent completed high school <sup>9</sup> and family below poverty threshold <sup>7</sup> .....	45.7 (0.75)	58.7 (0.96)	79.8 (1.31)	95.8 (1.30)	105.1 (1.11)	111.9 (1.32)				
One risk factor: No parent completed high school .....	46.7 (1.34)	60.2 (1.33)	82.3 (1.75)	98.4 (1.71)	108.5 (1.60)	116.2 (1.62)				
One risk factor: Family below poverty threshold .....	49.4 (0.48)	63.3 (0.60)	86.2 (0.83)	101.4 (0.72)	111.6 (0.59)	118.9 (0.59)				
Neither risk factor .....	55.2 (0.31)	70.1 (0.43)	96.8 (0.43)	110.8 (0.34)	120.0 (0.31)	125.6 (0.27)				
<b>Socioeconomic status<sup>10</sup></b>										
Lowest 20 percent .....	47.2 (0.54)	60.8 (0.60)	82.7 (0.83)	98.3 (0.79)	108.1 (0.67)	115.6 (0.66)				
Middle 60 percent .....	53.0 (0.29)	67.9 (0.43)	93.8 (0.49)	108.2 (0.38)	117.5 (0.31)	123.5 (0.30)				
Highest 20 percent .....	60.0 (0.51)	74.9 (0.56)	102.7 (0.65)	115.9 (0.41)	125.2 (0.40)	129.9 (0.31)				
<b>School control, fall 2010</b>										
Public .....	53.0 (0.34)	67.6 (0.42)	93.1 (0.54)	107.4 (0.43)	116.8 (0.37)	122.9 (0.33)				
Private .....	56.6 (1.01)	70.6 (1.17)	97.2 (1.25)	112.4 (0.89)	121.2 (0.97)	127.2 (0.79)				

†Not applicable.

‡Reporting standards not met (too few cases for a reliable estimate).

<sup>1</sup>Reflects performance on questions measuring basic skills (e.g., word recognition); vocabulary knowledge; and reading comprehension, including identifying information specifically stated in text (e.g., definitions, facts, and supporting details), making complex inferences from texts, and considering the text objectively and judging its appropriateness and quality. Possible scores for the reading assessment range from 0 to 155.

<sup>2</sup>Derived from child's approaches to learning scale score in fall of the kindergarten year. This score is based on teachers' reports on how often students exhibit positive learning behaviors in seven areas: attentiveness, task persistence, eagerness to learn, learning independence, ability to adapt easily to changes in routine, organization, and ability to follow classroom rules. Possible scores range from 1 to 4, with higher scores indicating that a child exhibits positive learning behaviors more often. Fall 2010 scores were categorized into the four anchor points on the original scale—1 (never), 2 (sometimes), 3 (often), and 4 (very often)—by rounding the mean score to the nearest whole number.

<sup>3</sup>The type of nonparental care in which the child spent the most hours. "Multiple arrangements" refers to children who spent an equal amount of time in each of two or more arrangements.

<sup>4</sup>A two-parent household may have two biological parents, two adoptive parents, or one biological/adoptive parent and one other parent/partner. A mother-only or father-only household has one biological or adoptive parent only, without another parent/partner. In other household types, which do not include biological or adoptive parents, the guardian or guardians may be related or unrelated to the child.

<sup>5</sup>Two or more languages (which could include English) were spoken in the child's home, and the parent respondent was unable to specify which language was the primary one (the one spoken most of the time).

<sup>6</sup>Parents' highest level of education is the highest level of education achieved by either of the parents or guardians in a two-parent household, by the only parent in a single-parent household, or by any guardian in a household with no parents.

<sup>7</sup>Poverty status is based on preliminary U.S. Census income thresholds for 2010, which identify incomes determined to meet household needs, given family size and composition. For example, a family of three with one child was below the poverty threshold if its income was less than \$17,552 in 2010.

<sup>8</sup>Includes only children for whom information about both risk factors is available. Excludes children with missing information about parental education or poverty status.

<sup>9</sup>High school not completed by any parent or guardian living with the child.

<sup>10</sup>Socioeconomic status (SES) was measured by a composite score based on parental education and occupations and household income during the child's kindergarten year. NOTE: Estimates weighted by W8C8P\_20. Estimates pertain to a sample of children who were enrolled in kindergarten for the first time in the 2010–11 school year. The same children were assessed in spring 2012 (when the majority were in first grade), spring 2013 (when the majority were in second grade), spring 2014 (when the majority were in third grade), and spring 2015 (when the majority were in fourth grade). Estimates differ from previously published figures because reading scale scores were recalculated to represent the kindergarten through fourth-grade assessment item pools and because weights were adjusted to account for survey nonresponse at each data collection wave, including the latest round of data collection (spring 2015). Race categories exclude persons of Hispanic ethnicity.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Early Childhood Longitudinal Study, Kindergarten Class of 2010–11 (ECLS-K:2011), Kindergarten-Fourth Grade Restricted-Use Data File. (This table was prepared April 2018.)

**Table 221.10. Average National Assessment of Educational Progress (NAEP) reading scale score, by sex, race/ethnicity, and grade: Selected years, 1992 through 2017**

[Standard errors appear in parentheses]

Grade and year	All students	Sex			Race/ethnicity											
		Average reading scale score		Gap between female and male score	Average reading scale score										Gap between White and Black score	Gap between White and Hispanic score
		Male	Female		White	Black	Hispanic	Asian/Pacific Islander			American Indian/Alaska Native	Two or more races <sup>1</sup>				
				Total				Asian <sup>1</sup>	Pacific Islander <sup>1</sup>							
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15		
<b>Grade 4</b>																
1992 <sup>2</sup> .....	217 (0.9)	213 (1.2)	221 (1.0)	8 (1.6)	224 (1.2)	192 (1.7)	197 (2.6)	216 (2.9)	— (†)	— (†)	‡ (†)	— (†)	32 (2.1)	27 (2.9)		
1994 <sup>2</sup> .....	214 (1.0)	209 (1.3)	220 (1.1)	10 (1.7)	224 (1.3)	185 (1.8)	188 (3.4)	220 (3.8)	— (†)	— (†)	211 (6.6)	— (†)	38 (2.2)	35 (3.6)		
1998 .....	215 (1.1)	212 (1.3)	217 (1.3)	5 (1.8)	225 (1.0)	193 (1.9)	193 (3.2)	215 (5.6)	— (†)	— (†)	‡ (†)	— (†)	32 (2.2)	32 (3.3)		
2000 .....	213 (1.3)	208 (1.3)	219 (1.4)	11 (1.9)	224 (1.1)	190 (1.8)	190 (2.9)	225 (5.2)	— (†)	— (†)	214 (6.0)	— (†)	34 (2.1)	35 (3.1)		
2002 .....	219 (0.4)	215 (0.4)	222 (0.5)	6 (0.7)	229 (0.3)	199 (0.5)	201 (1.3)	224 (1.6)	— (†)	— (†)	207 (2.0)	— (†)	30 (0.6)	28 (1.4)		
2003 .....	218 (0.3)	215 (0.3)	222 (0.3)	7 (0.5)	229 (0.2)	198 (0.4)	200 (0.6)	226 (1.2)	— (†)	— (†)	202 (1.4)	— (†)	31 (0.5)	28 (0.6)		
2005 .....	219 (0.2)	216 (0.2)	222 (0.3)	6 (0.4)	229 (0.2)	200 (0.3)	203 (0.5)	229 (0.7)	— (†)	— (†)	204 (1.3)	— (†)	29 (0.4)	26 (0.5)		
2007 .....	221 (0.3)	218 (0.3)	224 (0.3)	7 (0.4)	231 (0.2)	203 (0.4)	205 (0.5)	232 (1.0)	— (†)	— (†)	203 (1.2)	— (†)	27 (0.5)	26 (0.6)		
2009 .....	221 (0.3)	218 (0.3)	224 (0.3)	7 (0.4)	230 (0.3)	205 (0.5)	205 (0.5)	235 (1.0)	— (†)	— (†)	204 (1.3)	— (†)	26 (0.6)	25 (0.6)		
2011 .....	221 (0.3)	218 (0.3)	225 (0.3)	7 (0.5)	231 (0.2)	205 (0.5)	206 (0.5)	235 (1.2)	236 (1.3)	216 (1.9)	202 (1.3)	227 (1.2)	25 (0.5)	24 (0.6)		
2013 .....	222 (0.3)	219 (0.3)	225 (0.3)	7 (0.5)	232 (0.3)	206 (0.5)	207 (0.5)	235 (1.1)	237 (1.1)	212 (2.5)	205 (1.3)	227 (1.0)	26 (0.6)	25 (0.6)		
2015 .....	223 (0.4)	219 (0.4)	226 (0.4)	7 (0.6)	232 (0.3)	206 (0.5)	208 (0.8)	239 (1.4)	241 (1.6)	215 (2.9)	205 (1.5)	227 (1.2)	26 (0.6)	24 (0.9)		
2017 .....	222 (0.3)	219 (0.3)	225 (0.3)	6 (0.4)	232 (0.3)	206 (0.5)	209 (0.5)	239 (0.9)	241 (1.0)	212 (2.7)	202 (1.8)	227 (0.9)	26 (0.6)	23 (0.5)		
<b>Grade 8</b>																
1992 <sup>2</sup> .....	260 (0.9)	254 (1.1)	267 (1.0)	13 (1.5)	267 (1.1)	237 (1.7)	241 (1.6)	268 (3.9)	— (†)	— (†)	‡ (†)	— (†)	30 (2.0)	26 (2.0)		
1994 <sup>2</sup> .....	260 (0.8)	252 (1.0)	267 (1.0)	15 (1.4)	267 (1.0)	236 (1.8)	243 (1.2)	265 (3.0)	— (†)	— (†)	248 (4.7)	— (†)	30 (2.1)	24 (1.5)		
1998 .....	263 (0.8)	256 (1.0)	270 (0.8)	14 (1.3)	270 (0.9)	244 (1.2)	243 (1.7)	264 (7.1)	— (†)	— (†)	‡ (†)	— (†)	26 (1.5)	27 (1.9)		
2000 .....	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)		
2002 .....	264 (0.4)	260 (0.5)	269 (0.5)	9 (0.7)	272 (0.4)	245 (0.7)	247 (0.8)	267 (1.7)	— (†)	— (†)	250 (3.5)	— (†)	27 (0.9)	26 (0.9)		
2003 .....	263 (0.3)	258 (0.3)	269 (0.3)	11 (0.4)	272 (0.2)	244 (0.5)	245 (0.7)	270 (1.1)	— (†)	— (†)	246 (3.0)	— (†)	28 (0.5)	27 (0.7)		
2005 .....	262 (0.2)	257 (0.2)	267 (0.2)	10 (0.3)	271 (0.2)	243 (0.4)	246 (0.4)	271 (0.8)	— (†)	— (†)	249 (1.4)	— (†)	28 (0.5)	25 (0.5)		
2007 .....	263 (0.2)	258 (0.3)	268 (0.3)	10 (0.4)	272 (0.2)	245 (0.4)	247 (0.4)	271 (1.1)	— (†)	— (†)	247 (1.2)	— (†)	27 (0.4)	25 (0.5)		
2009 .....	264 (0.3)	259 (0.3)	269 (0.3)	9 (0.5)	273 (0.2)	246 (0.4)	249 (0.6)	274 (1.1)	— (†)	— (†)	251 (1.2)	— (†)	26 (0.5)	24 (0.7)		
2011 .....	265 (0.2)	261 (0.3)	270 (0.2)	9 (0.4)	274 (0.2)	249 (0.5)	252 (0.5)	275 (1.0)	277 (1.0)	254 (2.2)	252 (1.2)	269 (1.2)	25 (0.5)	22 (0.5)		
2013 .....	268 (0.3)	263 (0.3)	273 (0.3)	10 (0.4)	276 (0.3)	250 (0.4)	256 (0.5)	280 (0.9)	282 (0.9)	259 (2.6)	251 (1.0)	271 (0.9)	26 (0.5)	21 (0.5)		
2015 .....	265 (0.2)	261 (0.2)	270 (0.3)	10 (0.4)	274 (0.2)	248 (0.5)	253 (0.4)	280 (1.3)	281 (1.3)	255 (2.4)	252 (1.7)	269 (1.1)	26 (0.5)	21 (0.5)		
2017 .....	267 (0.3)	262 (0.3)	272 (0.4)	10 (0.5)	275 (0.3)	249 (0.5)	255 (0.5)	282 (1.0)	284 (1.0)	255 (2.5)	253 (1.3)	272 (1.1)	25 (0.6)	19 (0.6)		
<b>Grade 12</b>																
1992 <sup>2</sup> .....	292 (0.6)	287 (0.7)	297 (0.7)	10 (1.0)	297 (0.6)	273 (1.4)	279 (2.7)	290 (3.2)	— (†)	— (†)	‡ (†)	— (†)	24 (1.5)	19 (2.7)		
1994 <sup>2</sup> .....	287 (0.7)	280 (0.8)	294 (0.8)	14 (1.2)	293 (0.7)	265 (1.6)	270 (1.7)	278 (2.4)	— (†)	— (†)	274 (5.8)	— (†)	29 (1.8)	23 (1.9)		
1998 .....	290 (0.6)	282 (0.8)	298 (0.8)	16 (1.1)	297 (0.7)	269 (1.4)	275 (1.5)	287 (2.7)	— (†)	— (†)	‡ (†)	— (†)	27 (1.6)	22 (1.6)		
2000 .....	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)		
2002 .....	287 (0.7)	279 (0.9)	295 (0.7)	16 (1.1)	292 (0.7)	267 (1.3)	273 (1.5)	286 (2.0)	— (†)	— (†)	‡ (†)	— (†)	25 (1.5)	20 (1.6)		
2003 .....	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)		
2005 .....	286 (0.6)	279 (0.8)	292 (0.7)	13 (1.1)	293 (0.7)	267 (1.2)	272 (1.2)	287 (1.9)	— (†)	— (†)	279 (6.3)	— (†)	26 (1.4)	21 (1.4)		
2007 .....	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)		
2009 .....	288 (0.7)	282 (0.7)	294 (0.8)	12 (1.1)	296 (0.6)	269 (1.1)	274 (1.0)	298 (2.4)	— (†)	— (†)	283 (3.7)	— (†)	27 (1.3)	22 (1.2)		
2011 .....	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)		
2013 .....	288 (0.6)	284 (0.6)	293 (0.7)	10 (0.9)	297 (0.6)	268 (0.9)	276 (0.9)	296 (1.9)	296 (2.0)	289 (6.0)	277 (3.5)	291 (2.5)	30 (1.0)	22 (1.0)		
2015 .....	287 (0.5)	282 (0.6)	292 (0.7)	10 (1.0)	295 (0.7)	266 (1.1)	276 (0.9)	297 (2.1)	297 (2.1)	‡ (†)	279 (6.2)	295 (2.9)	30 (1.3)	20 (1.1)		
2017 .....	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)		

—Not available.

†Not applicable.

‡Reporting standards not met. Either there are too few cases for a reliable estimate or the coefficient of variation (CV) is 50 percent or greater.

<sup>1</sup>Prior to 2011, separate data for Asian students, Pacific Islander students, and students of Two or more races were not collected.

<sup>2</sup>Accommodations were not permitted for this assessment.

NOTE: Scale ranges from 0 to 500. Includes public and private schools. For 1998 and later years, includes students tested with accommodations (1 to 13 percent of all students,

depending on grade level and year); excludes only those students with disabilities and English language learners who were unable to be tested even with accommodations (2 to 6 percent of all students). Data on race/ethnicity are based on school reports. Race categories exclude persons of Hispanic ethnicity.

SOURCE: U.S. Department of Education, National Center for Education Statistics, National Assessment of Educational Progress (NAEP), 1992, 1994, 1998, 2000, 2002, 2003, 2005, 2007, 2009, 2011, 2013, 2015, and 2017 Reading Assessments, retrieved March 13, 2018, from the Main NAEP Data Explorer (<http://nces.ed.gov/nationsreportcard/naepdata/>). (This table was prepared March 2018.)

**Table 221.12. Average National Assessment of Educational Progress (NAEP) reading scale score and percentage of students attaining NAEP reading achievement levels, by selected school and student characteristics and grade: Selected years, 1992 through 2017**

[Standard errors appear in parentheses]

Grade and year	Percent of students in school eligible for free or reduced-price lunch					English language learner (ELL) status			Disability status <sup>1</sup>			Percent of all students attaining reading achievement levels					
	Average reading scale score <sup>2</sup>				Gap between low-poverty and high-poverty score	Average reading scale score <sup>2</sup>		Gap between non-ELL and ELL score	Average reading scale score <sup>2</sup>		Gap between non-SD and SD score	Below Basic <sup>3</sup>	At or above Basic <sup>3</sup>				
	0 to 25 percent eligible (low poverty)	26 to 50 percent eligible	51 to 75 percent eligible	76 to 100 percent eligible (high poverty)		ELL	Non-ELL		Identified as student with disability (SD)	Not identified as SD			Total at or above Basic <sup>3</sup>	At Basic <sup>3</sup>	At or above Proficient <sup>4</sup>		
					Total at or above Proficient <sup>4</sup>			At Proficient <sup>4</sup>			At Advanced <sup>5</sup>						
2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	
<b>Grade 4</b>																	
1992 <sup>5</sup>	— (†)	— (†)	— (†)	— (†)	— (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)
1994 <sup>5</sup>	— (†)	— (†)	— (†)	— (†)	— (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)
1998	231 (1.4)	218 (1.6)	205 (1.8)	187 (3.1)	44 (3.4)	174 (5.2)	217 (1.0)	43 (5.3)	176 (4.6)	217 (1.1)	41 (4.7)	40 (1.2)	60 (1.2)	30 (0.8)	29 (0.9)	22 (0.8)	7 (0.5)
2000	231 (1.5)	218 (1.3)	205 (2.1)	184 (2.8)	48 (3.2)	167 (5.2)	216 (1.1)	49 (5.3)	167 (4.8)	217 (1.2)	50 (4.9)	41 (1.4)	59 (1.4)	30 (1.1)	29 (1.1)	23 (1.0)	7 (0.6)
2002	233 (0.4)	221 (0.5)	210 (0.7)	196 (0.7)	37 (0.9)	183 (2.1)	221 (0.3)	38 (2.1)	187 (0.8)	221 (0.5)	34 (0.9)	36 (0.5)	64 (0.5)	32 (0.3)	31 (0.4)	24 (0.3)	7 (0.2)
2003	233 (0.4)	221 (0.5)	211 (0.5)	194 (0.5)	39 (0.7)	186 (0.8)	221 (0.3)	35 (0.8)	185 (0.6)	221 (0.3)	36 (0.6)	37 (0.3)	63 (0.3)	32 (0.2)	31 (0.3)	24 (0.3)	8 (0.1)
2005	234 (0.3)	221 (0.3)	211 (0.4)	197 (0.4)	37 (0.5)	187 (0.5)	222 (0.2)	35 (0.6)	190 (0.5)	222 (0.2)	32 (0.6)	36 (0.3)	64 (0.3)	33 (0.2)	31 (0.2)	24 (0.2)	8 (0.1)
2007	235 (0.4)	223 (0.4)	212 (0.4)	200 (0.5)	35 (0.7)	188 (0.6)	224 (0.3)	36 (0.6)	191 (0.6)	224 (0.3)	33 (0.7)	33 (0.3)	67 (0.3)	34 (0.2)	33 (0.3)	25 (0.2)	8 (0.2)
2009	237 (0.4)	223 (0.5)	215 (0.5)	202 (0.5)	35 (0.6)	188 (0.8)	224 (0.3)	36 (0.8)	190 (0.7)	224 (0.3)	35 (0.7)	33 (0.3)	67 (0.3)	34 (0.3)	33 (0.4)	25 (0.3)	8 (0.2)
2011	238 (0.5)	226 (0.5)	217 (0.4)	203 (0.5)	35 (0.7)	188 (0.8)	225 (0.3)	36 (0.9)	186 (0.5)	225 (0.3)	39 (0.6)	33 (0.3)	67 (0.3)	34 (0.2)	34 (0.4)	26 (0.3)	8 (0.2)
2013	240 (0.4)	227 (0.5)	218 (0.6)	203 (0.4)	37 (0.6)	187 (0.7)	226 (0.3)	38 (0.7)	184 (0.6)	227 (0.3)	42 (0.7)	32 (0.3)	68 (0.3)	33 (0.2)	35 (0.3)	27 (0.3)	8 (0.2)
2015	241 (0.5)	228 (0.5)	219 (0.6)	205 (0.6)	36 (0.8)	189 (1.1)	226 (0.3)	37 (1.1)	187 (0.7)	228 (0.3)	41 (0.8)	31 (0.4)	69 (0.4)	33 (0.3)	36 (0.4)	27 (0.3)	9 (0.2)
2017	240 (0.6)	228 (0.6)	218 (0.6)	205 (0.5)	35 (0.8)	189 (0.8)	226 (0.3)	37 (0.9)	187 (0.5)	227 (0.3)	40 (0.6)	32 (0.3)	68 (0.3)	31 (0.3)	37 (0.3)	27 (0.3)	9 (0.2)
<b>Grade 8</b>																	
1992 <sup>5</sup>	— (†)	— (†)	— (†)	— (†)	— (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)
1994 <sup>5</sup>	— (†)	— (†)	— (†)	— (†)	— (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)
1998	273 (1.1)	262 (1.3)	252 (2.1)	240 (1.8)	33 (2.1)	218 (2.5)	264 (0.7)	46 (2.6)	224 (3.7)	266 (0.7)	42 (3.7)	30 (0.9)	70 (0.9)	40 (0.7)	30 (0.9)	27 (0.8)	3 (0.3)
2000	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)
2002	276 (0.6)	264 (0.6)	254 (0.8)	240 (1.1)	36 (1.3)	224 (1.4)	266 (0.4)	42 (1.4)	228 (1.0)	268 (0.4)	39 (1.0)	25 (0.5)	75 (0.5)	43 (0.4)	33 (0.5)	30 (0.5)	3 (0.2)
2003	275 (0.4)	263 (0.4)	253 (0.6)	239 (1.0)	36 (1.1)	222 (1.5)	265 (0.3)	43 (1.5)	225 (0.6)	267 (0.3)	42 (0.6)	26 (0.3)	74 (0.3)	42 (0.2)	32 (0.3)	29 (0.2)	3 (0.1)
2005	274 (0.3)	262 (0.3)	252 (0.4)	240 (0.6)	34 (0.7)	224 (0.9)	264 (0.2)	40 (0.9)	227 (0.5)	266 (0.2)	39 (0.5)	27 (0.2)	73 (0.2)	42 (0.2)	31 (0.2)	28 (0.2)	3 (0.1)
2007	275 (0.4)	263 (0.4)	253 (0.5)	241 (0.7)	34 (0.8)	223 (1.1)	265 (0.2)	42 (1.1)	227 (0.6)	266 (0.2)	39 (0.6)	26 (0.2)	74 (0.2)	43 (0.2)	31 (0.2)	28 (0.2)	3 (0.1)
2009	277 (0.5)	265 (0.4)	256 (0.6)	243 (0.7)	34 (0.8)	219 (1.0)	266 (0.2)	47 (1.0)	230 (0.6)	267 (0.3)	37 (0.7)	25 (0.3)	75 (0.3)	43 (0.4)	32 (0.4)	30 (0.4)	3 (0.1)
2011	279 (0.4)	268 (0.4)	258 (0.5)	247 (0.5)	32 (0.7)	224 (1.0)	267 (0.2)	44 (1.0)	231 (0.5)	269 (0.2)	38 (0.6)	24 (0.3)	76 (0.3)	42 (0.3)	34 (0.3)	30 (0.2)	3 (0.1)
2013	282 (0.5)	270 (0.5)	261 (0.4)	249 (0.5)	33 (0.7)	225 (0.9)	270 (0.2)	45 (1.0)	232 (0.6)	272 (0.2)	39 (0.7)	22 (0.3)	78 (0.3)	42 (0.3)	36 (0.3)	32 (0.3)	4 (0.1)
2015	281 (0.5)	269 (0.5)	261 (0.6)	248 (0.6)	33 (0.8)	223 (0.9)	268 (0.2)	45 (0.9)	230 (0.6)	270 (0.2)	40 (0.6)	24 (0.3)	76 (0.3)	42 (0.3)	34 (0.3)	31 (0.3)	4 (0.1)
2017	281 (0.5)	270 (0.4)	261 (0.5)	250 (0.5)	31 (0.7)	226 (0.8)	269 (0.3)	43 (0.8)	232 (0.6)	271 (0.3)	39 (0.6)	24 (0.3)	76 (0.3)	40 (0.3)	36 (0.3)	32 (0.3)	4 (0.1)
<b>Grade 12</b>																	
1992 <sup>5</sup>	— (†)	— (†)	— (†)	— (†)	— (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)
1994 <sup>5</sup>	— (†)	— (†)	— (†)	— (†)	— (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)
1998	296 (0.9)	284 (1.7)	275 (2.0)	272 (3.3)	23 (3.4)	244 (2.6)	291 (0.6)	46 (2.7)	244 (3.2)	292 (0.6)	48 (3.2)	24 (0.7)	76 (0.7)	36 (0.6)	40 (0.7)	35 (0.8)	6 (0.4)
2000	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)
2002	293 (0.9)	282 (1.6)	275 (2.6)	268 (2.4)	25 (2.6)	245 (2.4)	288 (0.7)	43 (2.5)	247 (2.0)	289 (0.7)	42 (2.1)	26 (0.8)	74 (0.8)	38 (0.6)	36 (0.8)	31 (0.8)	5 (0.3)
2003	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)
2005	292 (1.1)	282 (1.1)	273 (1.8)	266 (2.0)	26 (2.3)	247 (2.4)	288 (0.6)	40 (2.4)	244 (1.8)	289 (0.6)	45 (1.9)	27 (0.8)	73 (0.8)	37 (0.9)	35 (0.7)	31 (0.5)	5 (0.3)
2007	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)
2009	299 (1.1)	286 (0.8)	276 (1.1)	266 (1.0)	33 (1.5)	240 (2.1)	290 (0.7)	50 (2.2)	253 (1.4)	291 (0.7)	38 (1.6)	26 (0.6)	74 (0.6)	36 (0.5)	38 (0.8)	33 (0.7)	5 (0.3)
2011	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)
2013	302 (1.1)	289 (0.9)	280 (0.9)	268 (1.5)	35 (1.9)	237 (1.9)	290 (0.5)	53 (2.0)	252 (1.4)	292 (0.6)	40 (1.5)	25 (0.6)	75 (0.6)	37 (0.6)	38 (0.7)	32 (0.6)	5 (0.3)
2015	298 (1.5)	289 (1.0)	282 (1.2)	266 (1.7)	32 (2.2)	240 (2.0)	289 (0.5)	49 (2.0)	252 (1.8)	291 (0.5)	39 (1.9)	28 (0.5)	72 (0.5)	35 (0.6)	37 (0.6)	31 (0.6)	6 (0.3)
2017	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)

—Not available.

†Not applicable.

‡Reporting standards not met. Either there are too few cases for a reliable estimate or the coefficient of variation (CV) is 50 percent or greater.

<sup>1</sup>The student with disability (SD) variable used in this table includes students who have a 504 plan, even if they do not have an Individualized Education Plan (IEP).

<sup>2</sup>Scale ranges from 0 to 500.

<sup>3</sup>Basic denotes partial mastery of the knowledge and skills that are fundamental for proficient work at a given grade.

<sup>4</sup>Proficient represents solid academic performance. Students reaching this level have demonstrated competency over challenging subject matter.

<sup>5</sup>Advanced signifies superior performance.

<sup>6</sup>Accommodations were not permitted for this assessment.

NOTE: Includes public and private schools. For 1998 and later years, includes students tested with accommodations (1 to 13 percent of all students, depending on grade level and year); excludes only those students with disabilities and English language learners who were unable to be tested even with accommodations (2 to 6 percent of all students).

SOURCE: U.S. Department of Education, National Center for Education Statistics, National Assessment of Educational Progress (NAEP), 1992, 1994, 1998, 2000, 2002, 2003, 2005, 2007, 2009, 2011, 2013, 2015, and 2017 Reading Assessments, retrieved March 13, 2018, from the Main NAEP Data Explorer (<http://nces.ed.gov/nationsreportcard/naepdata/>). (This table was prepared March 2018.)

**Table 221.20. Percentage of students at or above selected National Assessment of Educational Progress (NAEP) reading achievement levels, by grade and selected student characteristics: Selected years, 2003 through 2017**

[Standard errors appear in parentheses]

Grade and selected student characteristic	2003		2005		2007		2009		2011		2013		2015		2017	
	At or above Basic <sup>1</sup>	At or above Proficient <sup>2</sup>	At or above Basic <sup>1</sup>	At or above Proficient <sup>2</sup>	At or above Basic <sup>1</sup>	At or above Proficient <sup>2</sup>	At or above Basic <sup>1</sup>	At or above Proficient <sup>2</sup>	At or above Basic <sup>1</sup>	At or above Proficient <sup>2</sup>	At or above Basic <sup>1</sup>	At or above Proficient <sup>2</sup>	At or above Basic <sup>1</sup>	At or above Proficient <sup>2</sup>	At or above Basic <sup>1</sup>	At or above Proficient <sup>2</sup>
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
<b>4th grade, all students</b>	<b>63 (0.3)</b>	<b>31 (0.3)</b>	<b>64 (0.3)</b>	<b>31 (0.2)</b>	<b>67 (0.3)</b>	<b>33 (0.3)</b>	<b>67 (0.3)</b>	<b>33 (0.4)</b>	<b>67 (0.3)</b>	<b>34 (0.4)</b>	<b>68 (0.3)</b>	<b>35 (0.3)</b>	<b>69 (0.4)</b>	<b>36 (0.4)</b>	<b>68 (0.3)</b>	<b>37 (0.3)</b>
Sex																
Male	60 (0.4)	28 (0.3)	61 (0.4)	29 (0.3)	64 (0.4)	30 (0.3)	64 (0.3)	30 (0.4)	64 (0.4)	31 (0.4)	65 (0.3)	32 (0.4)	66 (0.5)	33 (0.5)	65 (0.4)	34 (0.4)
Female	67 (0.4)	35 (0.4)	67 (0.3)	34 (0.3)	64 (0.3)	36 (0.4)	70 (0.4)	36 (0.4)	71 (0.4)	37 (0.5)	72 (0.4)	38 (0.4)	72 (0.4)	39 (0.5)	71 (0.4)	39 (0.4)
Race/ethnicity																
White	75 (0.3)	41 (0.4)	76 (0.3)	41 (0.3)	78 (0.3)	43 (0.4)	78 (0.3)	42 (0.4)	78 (0.3)	44 (0.4)	79 (0.3)	46 (0.4)	79 (0.3)	46 (0.5)	78 (0.3)	47 (0.4)
Black	40 (0.5)	13 (0.4)	42 (0.5)	13 (0.3)	46 (0.6)	14 (0.4)	48 (0.8)	16 (0.5)	49 (0.6)	17 (0.5)	50 (0.6)	18 (0.5)	52 (0.6)	18 (0.5)	51 (0.8)	20 (0.5)
Hispanic	44 (0.7)	15 (0.5)	46 (0.7)	16 (0.5)	50 (0.6)	17 (0.6)	49 (0.7)	17 (0.5)	51 (0.8)	18 (0.5)	53 (0.6)	20 (0.6)	55 (1.0)	21 (0.7)	54 (0.6)	23 (0.5)
Asian/Pacific Islander	70 (1.5)	38 (1.4)	73 (0.9)	42 (0.9)	77 (1.0)	46 (1.4)	80 (1.0)	49 (1.3)	80 (1.2)	49 (1.7)	80 (1.0)	51 (1.2)	82 (1.3)	55 (1.8)	82 (0.9)	56 (1.4)
Asian	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	81 (1.2)	50 (1.7)	82 (1.0)	53 (1.2)	84 (1.4)	57 (2.0)	84 (0.9)	59 (1.4)
Pacific Islander	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	61 (2.4)	28 (3.2)	57 (3.2)	27 (3.0)	60 (3.7)	28 (3.7)	58 (3.7)	27 (3.5)
American Indian/Alaska Native	47 (2.0)	16 (1.5)	48 (1.5)	18 (1.0)	49 (1.4)	18 (1.1)	50 (1.7)	20 (1.4)	47 (1.7)	18 (1.4)	51 (1.6)	21 (1.4)	52 (2.1)	21 (1.9)	48 (2.3)	20 (1.9)
Two or more races	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	50 (1.7)	20 (1.4)	73 (1.2)	40 (1.4)	73 (1.4)	40 (1.6)	73 (1.3)	42 (1.3)
Eligibility for free or reduced-price lunch																
Eligible	45 (0.4)	15 (0.3)	46 (0.4)	16 (0.3)	50 (0.4)	17 (0.3)	51 (0.4)	17 (0.3)	52 (0.4)	18 (0.3)	53 (0.4)	20 (0.3)	56 (0.5)	21 (0.4)	54 (0.4)	22 (0.3)
Not eligible	76 (0.3)	42 (0.5)	77 (0.2)	42 (0.3)	79 (0.3)	44 (0.4)	80 (0.3)	45 (0.4)	82 (0.3)	48 (0.5)	83 (0.3)	51 (0.5)	83 (0.3)	52 (0.6)	82 (0.3)	52 (0.4)
Unknown	76 (0.9)	43 (1.1)	77 (1.1)	45 (1.4)	80 (1.3)	46 (1.8)	81 (1.9)	50 (1.9)	82 (1.0)	48 (1.3)	83 (1.6)	51 (2.1)	81 (1.3)	52 (1.8)	80 (1.5)	51 (1.7)
<b>8th grade, all students</b>	<b>74 (0.3)</b>	<b>32 (0.3)</b>	<b>73 (0.2)</b>	<b>31 (0.2)</b>	<b>74 (0.2)</b>	<b>31 (0.2)</b>	<b>75 (0.3)</b>	<b>32 (0.4)</b>	<b>76 (0.3)</b>	<b>34 (0.3)</b>	<b>78 (0.3)</b>	<b>36 (0.3)</b>	<b>76 (0.3)</b>	<b>34 (0.3)</b>	<b>76 (0.3)</b>	<b>36 (0.3)</b>
Sex																
Male	69 (0.3)	27 (0.3)	68 (0.3)	26 (0.3)	69 (0.4)	26 (0.3)	71 (0.4)	28 (0.4)	72 (0.4)	29 (0.3)	74 (0.4)	31 (0.4)	72 (0.3)	29 (0.4)	72 (0.4)	31 (0.4)
Female	79 (0.3)	38 (0.3)	78 (0.2)	36 (0.3)	79 (0.3)	36 (0.3)	79 (0.4)	37 (0.5)	80 (0.3)	38 (0.4)	82 (0.3)	42 (0.4)	80 (0.3)	39 (0.5)	81 (0.4)	41 (0.5)
Race/ethnicity																
White	83 (0.2)	41 (0.3)	82 (0.2)	39 (0.3)	84 (0.3)	40 (0.3)	84 (0.2)	41 (0.4)	85 (0.2)	43 (0.4)	86 (0.2)	46 (0.4)	85 (0.2)	44 (0.4)	84 (0.3)	45 (0.4)
Black	54 (0.6)	13 (0.4)	52 (0.6)	12 (0.4)	55 (0.6)	13 (0.4)	57 (0.6)	14 (0.5)	59 (0.7)	15 (0.5)	61 (0.6)	17 (0.5)	58 (0.7)	16 (0.5)	60 (0.6)	18 (0.5)
Hispanic	56 (0.9)	15 (0.6)	56 (0.6)	15 (0.4)	58 (0.5)	15 (0.4)	61 (0.8)	17 (0.6)	64 (0.8)	19 (0.5)	68 (0.7)	22 (0.6)	66 (0.6)	21 (0.5)	67 (0.6)	23 (0.6)
Asian/Pacific Islander	79 (1.2)	40 (1.6)	80 (0.8)	40 (1.2)	80 (1.1)	41 (1.1)	83 (1.1)	45 (1.7)	83 (1.0)	47 (1.4)	86 (0.7)	52 (1.3)	86 (1.0)	52 (1.8)	86 (0.9)	55 (1.5)
Asian	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	84 (1.0)	49 (1.5)	87 (0.7)	54 (1.3)	87 (1.0)	54 (1.9)	87 (0.9)	57 (1.5)
Pacific Islander	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	63 (2.7)	24 (3.2)	70 (3.5)	27 (3.7)	66 (3.3)	24 (3.0)	65 (3.9)	23 (3.3)
American Indian/Alaska Native	57 (3.3)	17 (1.7)	59 (2.1)	17 (1.7)	56 (1.9)	18 (1.3)	62 (2.0)	21 (1.2)	63 (1.4)	22 (1.7)	62 (1.8)	19 (1.6)	63 (2.2)	22 (1.8)	63 (1.8)	22 (2.1)
Two or more races	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	79 (1.7)	39 (1.5)	81 (1.1)	40 (1.4)	79 (1.2)	38 (1.6)	82 (1.2)	42 (1.4)
Eligibility for free or reduced-price lunch																
Eligible	57 (0.5)	16 (0.3)	57 (0.4)	15 (0.3)	58 (0.4)	15 (0.2)	60 (0.5)	16 (0.3)	63 (0.5)	18 (0.3)	66 (0.4)	20 (0.2)	64 (0.4)	20 (0.4)	65 (0.4)	21 (0.3)
Not eligible	82 (0.3)	40 (0.4)	81 (0.3)	39 (0.2)	83 (0.3)	40 (0.4)	85 (0.3)	42 (0.5)	86 (0.3)	45 (0.4)	87 (0.3)	48 (0.4)	87 (0.3)	47 (0.5)	86 (0.3)	48 (0.5)
Unknown	81 (0.9)	42 (1.2)	84 (1.0)	45 (1.3)	86 (1.0)	48 (1.6)	89 (1.3)	51 (1.8)	90 (0.8)	54 (1.4)	92 (0.9)	59 (2.4)	89 (0.9)	53 (1.5)	87 (1.1)	52 (1.8)
<b>12th grade, all students</b>	<b>— (†)</b>	<b>— (†)</b>	<b>73 (0.8)</b>	<b>35 (0.7)</b>	<b>— (†)</b>	<b>— (†)</b>	<b>74 (0.6)</b>	<b>38 (0.8)</b>	<b>— (†)</b>	<b>— (†)</b>	<b>75 (0.6)</b>	<b>38 (0.7)</b>	<b>72 (0.5)</b>	<b>37 (0.6)</b>	<b>— (†)</b>	<b>— (†)</b>
Sex																
Male	— (†)	— (†)	67 (0.9)	29 (0.9)	— (†)	— (†)	69 (0.8)	32 (0.9)	— (†)	— (†)	70 (0.7)	33 (0.7)	68 (0.6)	33 (0.7)	— (†)	— (†)
Female	— (†)	— (†)	78 (0.9)	41 (0.9)	— (†)	— (†)	80 (0.6)	43 (1.0)	— (†)	— (†)	79 (0.7)	42 (0.9)	76 (0.8)	42 (0.9)	— (†)	— (†)
Race/ethnicity																
White	— (†)	— (†)	79 (0.8)	43 (0.9)	— (†)	— (†)	81 (0.5)	46 (0.8)	— (†)	— (†)	83 (0.6)	47 (0.8)	79 (0.7)	46 (0.9)	— (†)	— (†)
Black	— (†)	— (†)	54 (1.5)	16 (1.2)	— (†)	— (†)	57 (1.3)	17 (1.2)	— (†)	— (†)	56 (1.2)	16 (0.9)	52 (1.5)	17 (1.0)	— (†)	— (†)
Hispanic	— (†)	— (†)	60 (1.9)	20 (1.3)	— (†)	— (†)	61 (1.1)	22 (1.3)	— (†)	— (†)	64 (1.2)	23 (1.0)	63 (1.1)	25 (1.0)	— (†)	— (†)
Asian/Pacific Islander	— (†)	— (†)	74 (2.3)	36 (2.3)	— (†)	— (†)	81 (1.5)	49 (2.9)	— (†)	— (†)	80 (1.8)	47 (2.5)	79 (1.7)	48 (3.0)	— (†)	— (†)
Asian	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	80 (1.9)	48 (2.6)	80 (1.8)	49 (3.0)	— (†)	— (†)
Pacific Islander	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	75 (8.2)	39 (8.4)	± (†)	± (†)	— (†)	— (†)
American Indian/Alaska Native	— (†)	— (†)	67 (10.1)	26 (8.6)	— (†)	— (†)	70 (6.4)	29 (5.5)	— (†)	— (†)	65 (5.0)	26 (4.8)	65 (8.6)	28 (6.0)	— (†)	— (†)
Two or more races	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	77 (2.9)	38 (3.4)	79 (3.0)	45 (3.4)	— (†)	— (†)

— Not available.

† Not applicable.

‡ Reporting standards not met (too few cases for a reliable estimate).

<sup>1</sup>Basic denotes partial mastery of the knowledge and skills that are fundamental for proficient work at a given grade.

<sup>2</sup>Proficient represents solid academic performance. Students reaching this level have demonstrated competency over challenging subject matter.

NOTE: Includes public and private schools. Includes students tested with accommodations (1 to 13 percent of all students, depending on grade level and year); excludes only those students with disabilities and English language learners who were

unable to be tested even with accommodations (2 to 6 percent of all students). Race categories exclude persons of Hispanic ethnicity. Prior to 2011, separate data for Asian students, Pacific Islander students, and students of Two or more races were not collected.

SOURCE: U.S. Department of Education, National Center for Education Statistics, National Assessment of Educational Progress (NAEP), 2003, 2005, 2007, 2009, 2011, 2013, 2015, and 2017 Reading Assessments, retrieved May 8, 2018, from the Main NAEP Data Explorer (<http://nces.ed.gov/nationsreportcard/naepdata/>). (This table was prepared May 2018.)

**Table 221.32. Average National Assessment of Educational Progress (NAEP) reading scale score and percentage distribution of 4th- and 8th-graders in traditional public, public charter, and private schools, by selected characteristics: 2017**

[Standard errors appear in parentheses]

Selected characteristic	Public schools, grade 4			Public schools, grade 8			Private schools, grade 4 <sup>1</sup>	Private schools, grade 8 <sup>1</sup>
	Total	Traditional public	Public charter	Total	Traditional public	Public charter		
1	2	3	4	5	6	7	8	9
Average scale score <sup>2</sup>								
<b>All students</b> .....	<b>221 (0.2)</b>	<b>221 (0.3)</b>	<b>222 (1.8)</b>	<b>265 (0.3)</b>	<b>265 (0.3)</b>	<b>266 (1.7)</b>	<b>235 (1.1)</b>	<b>281 (1.2)</b>
<b>Sex</b>								
Male .....	218 (0.3)	218 (0.4)	220 (1.9)	260 (0.3)	260 (0.3)	261 (1.9)	232 (1.4)	277 (1.4)
Female .....	224 (0.3)	224 (0.3)	223 (2.1)	270 (0.3)	270 (0.4)	271 (1.7)	237 (1.4)	285 (1.4)
<b>Race/ethnicity</b>								
White .....	231 (0.3)	231 (0.3)	236 (1.9)	274 (0.3)	274 (0.3)	281 (1.7)	238 (1.2)	284 (1.3)
Black .....	205 (0.5)	205 (0.5)	208 (2.1)	248 (0.5)	248 (0.5)	252 (1.5)	220 (3.3)	265 (2.2)
Hispanic .....	208 (0.5)	208 (0.5)	216 (4.5)	255 (0.5)	254 (0.5)	262 (2.4)	224 (2.8)	273 (2.0)
Asian .....	241 (1.0)	241 (1.1)	240 (4.6)	283 (1.0)	283 (1.1)	280 (3.4)	244 (2.2)	289 (2.5)
Pacific Islander .....	210 (2.7)	210 (2.8)	‡ (†)	254 (2.6)	254 (2.6)	251 (11.4)	‡ (†)	‡ (†)
American Indian/Alaska Native .....	203 (2.0)	203 (2.1)	‡ (†)	253 (1.3)	252 (1.3)	‡ (†)	‡ (†)	‡ (†)
Two or more races .....	226 (0.9)	226 (0.9)	231 (5.4)	270 (0.9)	270 (0.9)	276 (4.6)	239 (4.0)	288 (5.4)
<b>English language learner (ELL) status</b>								
ELL .....	189 (0.9)	188 (0.9)	200 (8.2)	226 (0.8)	225 (0.8)	235 (4.0)	200 (4.9)	‡ (†)
Non-ELL .....	225 (0.2)	225 (0.3)	224 (1.6)	268 (0.3)	268 (0.3)	269 (1.7)	235 (1.1)	281 (1.2)
<b>Disability status<sup>3</sup></b>								
Identified as student with disability (SD) .....	186 (0.5)	186 (0.6)	188 (3.0)	231 (0.5)	231 (0.5)	236 (2.5)	205 (4.8)	260 (5.9)
Not identified as SD .....	226 (0.2)	226 (0.3)	226 (1.8)	270 (0.3)	270 (0.3)	270 (1.8)	236 (1.2)	282 (1.0)
<b>Percent of students in school eligible for free or reduced-price lunch</b>								
0 to 25 percent eligible .....	240 (0.6)	240 (0.6)	240 (2.3)	281 (0.5)	281 (0.5)	289 (2.7)	236 (2.5)	283 (1.8)
26 to 50 percent eligible .....	228 (0.6)	228 (0.6)	232 (2.8)	270 (0.4)	270 (0.5)	275 (4.0)	223 (3.3)	273 (3.4)
51 to 75 percent eligible .....	218 (0.6)	218 (0.6)	219 (2.9)	261 (0.5)	260 (0.5)	264 (2.3)	‡ (†)	‡ (†)
76 to 100 percent eligible .....	205 (0.5)	205 (0.5)	207 (3.0)	249 (0.5)	249 (0.5)	253 (1.9)	206 (3.7)	266 (3.8)
<b>School locale</b>								
City .....	215 (0.5)	215 (0.5)	216 (2.0)	260 (0.5)	260 (0.5)	259 (1.6)	234 (1.7)	280 (1.7)
Suburban .....	226 (0.4)	226 (0.4)	225 (4.2)	270 (0.4)	270 (0.4)	274 (2.5)	238 (1.7)	286 (1.7)
Town .....	216 (0.9)	216 (0.9)	218 (5.2)	262 (0.6)	261 (0.5)	283 (6.2)	229 (2.4)	267 (4.2)
Rural .....	222 (0.7)	221 (0.7)	236 (3.6)	265 (0.6)	265 (0.6)	269 (3.1)	227 (5.6)	277 (2.5)
Percentage distribution								
<b>All students</b> .....	<b>100 (†)</b>	<b>100 (†)</b>	<b>100 (†)</b>	<b>100 (†)</b>	<b>100 (†)</b>	<b>100 (†)</b>	<b>100 (†)</b>	<b>100 (†)</b>
<b>Sex</b>								
Male .....	51 (0.1)	51 (0.1)	51 (1.0)	51 (0.1)	51 (0.1)	50 (0.8)	49 (1.3)	49 (1.1)
Female .....	49 (0.1)	49 (0.1)	49 (1.0)	49 (0.1)	49 (0.1)	50 (0.8)	51 (1.3)	51 (1.1)
<b>Race/ethnicity</b>								
White .....	47 (0.3)	48 (0.3)	34 (2.8)	50 (0.3)	51 (0.3)	30 (2.5)	63 (1.8)	66 (1.9)
Black .....	15 (0.2)	15 (0.2)	32 (2.7)	15 (0.3)	14 (0.3)	29 (2.5)	12 (1.1)	10 (1.2)
Hispanic .....	27 (0.3)	27 (0.3)	26 (3.5)	25 (0.3)	25 (0.4)	32 (2.9)	13 (1.3)	12 (1.2)
Asian .....	5 (0.3)	5 (0.3)	4 (0.7)	6 (0.2)	6 (0.2)	5 (0.6)	7 (0.8)	6 (0.7)
Pacific Islander .....	# (†)	# (†)	1 (0.2)	# (†)	# (†)	1 (0.2)	# (0.1)	# (0.1)
American Indian/Alaska Native .....	1 (0.1)	1 (0.1)	1 (0.2)	1 (#)	1 (#)	1 (0.2)	# (0.1)	1 (0.3)
Two or more races .....	4 (0.1)	4 (0.1)	3 (0.4)	3 (0.1)	3 (0.1)	3 (0.3)	4 (0.5)	4 (0.5)
<b>English language learner (ELL) status</b>								
ELL .....	12 (0.2)	12 (0.2)	10 (2.4)	6 (0.1)	6 (0.2)	8 (0.9)	3 (0.6)	1 (0.4)
Non-ELL .....	88 (0.2)	88 (0.2)	90 (2.4)	94 (0.1)	94 (0.2)	92 (0.9)	97 (0.6)	99 (0.4)
<b>Disability status<sup>3</sup></b>								
Identified as student with disability (SD) .....	13 (0.1)	13 (0.1)	11 (1.0)	13 (0.1)	13 (0.1)	11 (0.7)	6 (0.8)	6 (0.6)
Not identified as SD .....	87 (0.1)	87 (0.1)	89 (1.0)	87 (0.1)	87 (0.1)	89 (0.7)	94 (0.8)	94 (0.6)
<b>Percent of students in school eligible for free or reduced-price lunch</b>								
0 to 25 percent eligible .....	19 (0.7)	20 (0.7)	13 (2.5)	22 (0.8)	22 (0.8)	16 (4.3)	55 (5.2)	67 (5.7)
26 to 50 percent eligible .....	24 (0.9)	24 (0.9)	20 (5.4)	30 (0.8)	30 (0.9)	24 (4.8)	24 (4.7)	15 (4.5)
51 to 75 percent eligible .....	24 (0.8)	24 (0.8)	19 (3.8)	24 (0.8)	24 (0.8)	15 (3.0)	6 (2.7)	2 (1.5)
76 to 100 percent eligible .....	33 (0.8)	33 (0.8)	48 (5.3)	25 (0.7)	24 (0.7)	45 (5.0)	15 (4.2)	16 (4.2)
<b>School locale</b>								
City .....	30 (0.3)	29 (0.4)	52 (4.5)	29 (0.3)	27 (0.4)	52 (4.1)	42 (1.9)	41 (1.7)
Suburban .....	40 (0.4)	40 (0.4)	34 (4.2)	40 (0.3)	41 (0.4)	32 (3.9)	42 (2.0)	41 (2.1)
Town .....	11 (0.3)	11 (0.3)	3 (1.0)	11 (0.4)	12 (0.3)	6 (2.8)	8 (1.0)	8 (1.4)
Rural .....	19 (0.3)	19 (0.4)	11 (2.4)	19 (0.3)	20 (0.3)	10 (2.2)	9 (1.1)	10 (1.1)

†Not applicable.

#Rounds to zero.

‡Reporting standards not met (too few cases for a reliable estimate).

<sup>1</sup>Results are for private schools overall, including Catholic and other (non-Catholic) private schools. In the 2017 NAEP Nations Report Card, results for private schools overall and for non-Catholic private schools were suppressed because these schools did not meet NAEP statistical and reporting standards requiring a school response rate of at least 70 percent. Response rates for private schools overall were 61 percent at grade 4 and 60 percent at grade 8. (Within the private school sector, response rates for Catholic schools were 89 percent at grade 4 and 86 percent at grade 8, while response rates for non-Catholic private schools were 41 percent at grade 4 and 39 percent at grade 8.) Please interpret these data with caution.

<sup>2</sup>Scale ranges from 0 to 500.

<sup>3</sup>The student with disability (SD) variable used in this table includes students who have a 504 plan, even if they do not have an Individualized Education Plan (IEP).

NOTE: Includes students tested with accommodations (12 percent of all 4th-graders and 11 percent of all 8th-graders); excludes only those students with disabilities and English language learners who were unable to be tested even with accommodations (2 percent of all students at both grades). Race categories exclude persons of Hispanic ethnicity. Detail may not sum to totals because of rounding.

SOURCE: U.S. Department of Education, National Center for Education Statistics, National Assessment of Educational Progress (NAEP), 2017 Reading Assessment, retrieved January 8, 2018, from the Main NAEP Data Explorer (<http://nces.ed.gov/nationsreportcard/naepdata/>); and unpublished tabulations. (This table was prepared May 2018.)

**Table 221.40. Average National Assessment of Educational Progress (NAEP) reading scale score of 4th-grade public school students, by state: Selected years, 1992 through 2017**

[Standard errors appear in parentheses]

State	1992 <sup>1</sup>	1994 <sup>1</sup>	1998	2002	2003	2005	2007	2009	2011	2013	2015	2017
1	2	3	4	5	6	7	8	9	10	11	12	13
<b>United States</b> .....	<b>215 (1.0)</b>	<b>212 (1.1)</b>	<b>213 (1.2)</b>	<b>217 (0.5)</b>	<b>216 (0.3)</b>	<b>217 (0.2)</b>	<b>220 (0.3)</b>	<b>220 (0.3)</b>	<b>220 (0.3)</b>	<b>221 (0.3)</b>	<b>221 (0.4)</b>	<b>221 (0.2)</b>
Alabama .....	207 (1.7)	208 (1.5)	211 (1.9)	207 (1.4)	207 (1.7)	208 (1.2)	216 (1.3)	216 (1.2)	220 (1.3)	219 (1.2)	217 (1.4)	216 (1.2)
Alaska .....	— (†)	— (†)	— (†)	— (†)	212 (1.6)	211 (1.4)	214 (1.0)	211 (1.2)	208 (1.1)	209 (1.0)	213 (1.3)	207 (1.2)
Arizona .....	209 (1.2)	206 (1.9)	206 (1.4)	205 (1.5)	209 (1.2)	207 (1.6)	210 (1.6)	210 (1.2)	212 (1.2)	213 (1.4)	215 (1.3)	215 (1.5)
Arkansas .....	211 (1.2)	209 (1.7)	209 (1.6)	213 (1.4)	214 (1.4)	217 (1.1)	217 (1.2)	216 (1.1)	217 (1.0)	219 (0.9)	218 (1.1)	216 (1.2)
California <sup>2,3</sup> .....	202 (2.0)	197 (1.8)	202 (2.5)	206 (2.5)	206 (1.2)	207 (0.7)	209 (1.0)	210 (1.5)	211 (1.8)	213 (1.2)	213 (1.7)	215 (1.3)
Colorado .....	217 (1.1)	213 (1.3)	220 (1.4)	— (†)	224 (1.2)	224 (1.1)	224 (1.1)	226 (1.2)	223 (1.3)	227 (1.0)	224 (1.6)	225 (1.5)
Connecticut .....	222 (1.3)	222 (1.6)	230 (1.6)	229 (1.1)	228 (1.1)	226 (1.0)	227 (1.3)	227 (1.3)	230 (0.9)	229 (1.1)	228 (1.1)	228 (1.2)
Delaware <sup>4</sup> .....	213 (0.6)	206 (1.1)	207 (1.7)	224 (0.6)	224 (0.7)	226 (0.8)	225 (0.7)	226 (0.5)	225 (0.7)	226 (0.8)	224 (0.8)	221 (0.8)
District of Columbia .....	188 (0.8)	179 (0.9)	179 (1.2)	191 (0.9)	188 (0.9)	191 (1.0)	197 (0.9)	202 (1.0)	201 (0.8)	206 (0.9)	212 (0.9)	213 (0.8)
Florida .....	208 (1.2)	205 (1.7)	206 (1.4)	214 (1.4)	218 (1.1)	219 (0.9)	224 (0.8)	226 (1.0)	225 (1.1)	227 (1.1)	227 (1.0)	228 (1.1)
Georgia .....	212 (1.5)	207 (2.4)	209 (1.4)	215 (1.0)	214 (1.3)	214 (1.2)	219 (0.9)	218 (1.1)	221 (1.1)	222 (1.1)	222 (1.2)	220 (1.2)
Hawaii .....	203 (1.7)	201 (1.7)	200 (1.5)	208 (0.9)	208 (1.4)	210 (1.0)	213 (1.1)	211 (1.0)	214 (1.0)	215 (1.0)	215 (1.0)	216 (1.0)
Idaho .....	219 (0.9)	‡ (†)	— (†)	220 (1.1)	218 (1.0)	222 (0.9)	223 (0.8)	221 (0.9)	221 (0.8)	219 (0.9)	222 (1.0)	223 (1.0)
Illinois .....	— (†)	— (†)	‡ (†)	— (†)	216 (1.6)	216 (1.2)	219 (1.2)	219 (1.2)	219 (1.1)	219 (1.4)	222 (1.2)	220 (1.2)
Indiana .....	221 (1.3)	220 (1.3)	— (†)	222 (1.4)	220 (1.0)	218 (1.1)	222 (0.9)	223 (1.1)	221 (0.9)	225 (1.0)	227 (1.1)	226 (1.1)
Iowa <sup>2,3</sup> .....	225 (1.1)	223 (1.3)	220 (1.6)	223 (1.1)	223 (1.1)	221 (0.9)	225 (1.1)	221 (1.2)	221 (0.8)	224 (1.1)	224 (1.1)	222 (1.2)
Kansas <sup>2,3</sup> .....	— (†)	— (†)	221 (1.4)	222 (1.4)	220 (1.2)	220 (1.3)	225 (1.1)	224 (1.3)	224 (1.0)	223 (1.3)	221 (1.5)	223 (1.1)
Kentucky .....	213 (1.3)	212 (1.6)	218 (1.5)	219 (1.1)	219 (1.3)	220 (1.1)	222 (1.1)	226 (1.1)	225 (1.0)	224 (1.2)	228 (1.2)	224 (1.2)
Louisiana .....	204 (1.2)	197 (1.3)	200 (1.6)	207 (1.7)	205 (1.4)	209 (1.3)	207 (1.6)	207 (1.1)	210 (1.4)	210 (1.3)	216 (1.5)	212 (1.4)
Maine <sup>4</sup> .....	227 (1.1)	228 (1.3)	225 (1.4)	225 (1.1)	224 (0.9)	225 (0.9)	226 (0.9)	224 (0.9)	222 (0.7)	225 (0.9)	224 (0.9)	221 (1.1)
Maryland .....	211 (1.6)	210 (1.5)	212 (1.6)	217 (1.5)	219 (1.4)	220 (1.3)	225 (1.1)	226 (1.4)	231 (0.9)	232 (1.3)	223 (1.3)	225 (1.3)
Massachusetts <sup>2</sup> .....	226 (0.9)	223 (1.3)	223 (1.4)	234 (1.1)	228 (1.2)	231 (0.9)	236 (1.1)	234 (1.1)	237 (1.0)	232 (1.1)	235 (1.0)	236 (1.1)
Michigan .....	216 (1.5)	‡ (†)	216 (1.5)	219 (1.1)	219 (1.2)	218 (1.5)	220 (1.4)	218 (1.0)	219 (1.2)	217 (1.4)	216 (1.3)	218 (1.5)
Minnesota <sup>2,3</sup> .....	221 (1.2)	218 (1.4)	219 (1.7)	225 (1.1)	223 (1.1)	225 (1.3)	225 (1.1)	223 (1.3)	222 (1.2)	227 (1.2)	223 (1.3)	225 (1.3)
Mississippi .....	199 (1.3)	202 (1.6)	203 (1.3)	203 (1.3)	205 (1.3)	204 (1.3)	208 (1.0)	211 (1.1)	209 (1.2)	209 (0.9)	214 (1.0)	215 (1.2)
Missouri .....	220 (1.2)	217 (1.5)	216 (1.3)	220 (1.3)	222 (1.2)	221 (0.9)	221 (1.1)	224 (1.1)	220 (0.9)	222 (1.0)	223 (1.1)	223 (1.1)
Montana <sup>2,3,5</sup> .....	— (†)	222 (1.4)	225 (1.5)	224 (1.8)	223 (1.2)	225 (1.1)	227 (1.0)	225 (0.8)	225 (0.6)	223 (0.8)	225 (0.8)	222 (0.9)
Nebraska <sup>4,5</sup> .....	221 (1.1)	220 (1.5)	— (†)	222 (1.5)	221 (1.0)	221 (1.2)	223 (1.3)	223 (1.0)	223 (1.0)	223 (1.0)	227 (1.1)	224 (1.2)
Nevada .....	— (†)	— (†)	206 (1.8)	209 (1.2)	207 (1.2)	207 (1.2)	211 (1.2)	211 (1.1)	213 (1.0)	214 (1.1)	214 (1.2)	215 (1.6)
New Hampshire <sup>2,4,5</sup> .....	228 (1.2)	223 (1.5)	226 (1.7)	— (†)	228 (1.0)	227 (0.9)	229 (0.9)	229 (1.0)	230 (0.8)	232 (0.9)	232 (1.0)	229 (1.0)
New Jersey <sup>4</sup> .....	223 (1.4)	219 (1.2)	— (†)	— (†)	225 (1.2)	223 (1.3)	231 (1.2)	229 (0.9)	231 (1.2)	229 (1.3)	229 (1.4)	233 (1.2)
New Mexico .....	211 (1.5)	205 (1.7)	205 (1.4)	208 (1.6)	203 (1.5)	207 (1.3)	212 (1.3)	208 (1.4)	208 (1.0)	206 (1.1)	207 (1.0)	208 (1.1)
New York <sup>2,3,4</sup> .....	215 (1.4)	212 (1.4)	215 (1.6)	222 (1.5)	222 (1.1)	223 (1.0)	224 (1.0)	224 (1.0)	222 (1.1)	224 (1.2)	223 (1.1)	222 (1.3)
North Carolina .....	212 (1.1)	214 (1.5)	213 (1.6)	222 (1.0)	221 (1.0)	217 (1.0)	218 (0.9)	219 (1.1)	221 (1.2)	222 (1.1)	226 (1.1)	224 (1.0)
North Dakota <sup>3</sup> .....	226 (1.1)	225 (1.2)	— (†)	224 (1.0)	222 (0.9)	225 (0.7)	226 (0.9)	226 (0.8)	226 (0.5)	224 (0.5)	225 (0.7)	222 (0.8)
Ohio .....	217 (1.3)	— (†)	— (†)	222 (1.3)	222 (1.2)	223 (1.4)	226 (1.1)	225 (1.1)	224 (1.0)	224 (1.2)	225 (1.2)	225 (1.0)
Oklahoma .....	220 (0.9)	— (†)	219 (1.2)	213 (1.2)	214 (1.2)	214 (1.1)	217 (1.1)	217 (1.1)	215 (1.1)	217 (1.1)	222 (1.1)	217 (1.1)
Oregon .....	— (†)	— (†)	212 (1.8)	220 (1.4)	218 (1.3)	217 (1.4)	215 (1.4)	218 (1.2)	216 (1.1)	219 (1.3)	220 (1.4)	218 (1.4)
Pennsylvania <sup>5</sup> .....	221 (1.3)	215 (1.6)	— (†)	221 (1.2)	219 (1.3)	223 (1.3)	226 (1.0)	224 (1.4)	227 (1.2)	226 (1.3)	227 (1.8)	225 (1.1)
Rhode Island <sup>5</sup> .....	217 (1.8)	220 (1.3)	218 (1.4)	220 (1.2)	216 (1.3)	216 (1.2)	219 (1.0)	223 (1.1)	222 (0.8)	223 (0.9)	225 (0.9)	223 (1.0)
South Carolina .....	210 (1.3)	203 (1.4)	209 (1.4)	214 (1.3)	215 (1.3)	213 (1.3)	214 (1.2)	216 (1.1)	215 (1.2)	214 (1.2)	218 (1.4)	213 (1.2)
South Dakota .....	— (†)	— (†)	— (†)	— (†)	222 (1.2)	222 (0.5)	223 (1.0)	222 (0.6)	220 (0.9)	218 (1.0)	220 (0.9)	222 (1.0)
Tennessee <sup>3,5</sup> .....	212 (1.4)	213 (1.7)	212 (1.4)	214 (1.2)	212 (1.6)	214 (1.4)	216 (1.2)	217 (1.2)	215 (1.1)	220 (1.4)	219 (1.4)	219 (1.1)
Texas .....	213 (1.6)	212 (1.9)	214 (1.9)	217 (1.7)	215 (1.0)	219 (0.8)	220 (0.9)	219 (1.2)	218 (1.5)	217 (1.1)	218 (1.7)	215 (1.1)
Utah .....	220 (1.1)	217 (1.3)	216 (1.2)	222 (1.0)	219 (1.0)	221 (1.0)	221 (1.2)	219 (1.0)	220 (1.0)	223 (1.1)	226 (1.1)	225 (1.1)
Vermont .....	— (†)	— (†)	— (†)	227 (1.1)	226 (0.9)	227 (0.9)	228 (0.8)	229 (0.8)	227 (0.6)	228 (0.6)	230 (0.8)	226 (0.8)
Virginia .....	221 (1.4)	213 (1.5)	217 (1.2)	225 (1.3)	223 (1.5)	226 (0.8)	227 (1.1)	227 (1.2)	226 (1.1)	229 (1.3)	229 (1.7)	228 (1.5)
Washington <sup>3</sup> .....	— (†)	213 1.5	218 (1.4)	224 (1.2)	221 (1.1)	223 (1.1)	224 (1.4)	221 (1.2)	221 (1.1)	225 (1.4)	226 (1.5)	223 (1.4)
West Virginia .....	216 (1.3)	213 (1.1)	216 (1.7)	219 (1.2)	219 (1.0)	215 (0.8)	215 (1.1)	215 (1.0)	214 (0.8)	215 (0.8)	216 (1.2)	217 (1.2)
Wisconsin <sup>2,5</sup> .....	224 (1.0)	224 (1.1)	222 (1.1)	‡ (†)	221 (0.8)	221 (1.0)	223 (1.2)	220 (1.1)	221 (0.8)	221 (1.6)	223 (1.1)	220 (0.9)
Wyoming .....	223 (1.1)	221 (1.2)	218 (1.5)	221 (1.0)	222 (0.8)	223 (0.7)	225 (0.5)	223 (0.7)	224 (0.8)	226 (0.6)	228 (0.7)	227 (0.9)
Department of Defense dependents schools <sup>6</sup> ..	— (†)	— (†)	220 (0.7)	224 (0.4)	224 (0.5)	226 (0.6)	229 (0.5)	228 (0.5)	229 (0.5)	232 (0.6)	234 (0.7)	234 (0.6)

—Not available.

†Not applicable.

‡Reporting standards not met (too few cases for a reliable estimate).

<sup>1</sup>Accommodations were not permitted for this assessment.

<sup>2</sup>Did not meet one or more of the guidelines for school participation in 1998. Data are subject to appreciable nonresponse bias.

<sup>3</sup>Did not meet one or more of the guidelines for school participation in 2002. Data are subject to appreciable nonresponse bias.

<sup>4</sup>Did not meet one or more of the guidelines for school participation in 1992. Data are subject to appreciable nonresponse bias.

<sup>5</sup>Did not meet one or more of the guidelines for school participation in 1994. Data are subject to appreciable nonresponse bias.

<sup>6</sup>Prior to 2005, NAEP divided the Department of Defense (DoD) schools into two jurisdictions, domestic and overseas. In 2005, NAEP began combining the DoD domestic and overseas

schools into a single jurisdiction. Data shown in this table for years prior to 2005 were recalculated for comparability.

NOTE: Scale ranges from 0 to 500. State-level data for 2000 are not available. For 1998 and later years, includes public school students who were tested with accommodations; excludes only those students with disabilities (SD) and English language learners (ELL) who were unable to be tested even with accommodations. SD and ELL populations, accommodation rates, and exclusion rates vary from state to state.

SOURCE: U.S. Department of Education, National Center for Education Statistics, National Assessment of Educational Progress (NAEP), 1992, 1994, 1998, 2002, 2003, 2005, 2007, 2009, 2011, 2013, 2015, and 2017 Reading Assessments, retrieved March 13, 2018, from the Main NAEP Data Explorer (<http://nces.ed.gov/nationsreportcard/naepdata/>). (This table was prepared March 2018.)

**Table 221.60. Average National Assessment of Educational Progress (NAEP) reading scale score of 8th-grade public school students, by state: Selected years, 1998 through 2017**

[Standard errors appear in parentheses]

State	1998	2002	2003	2005	2007	2009	2011	2013	2015	2017
1	2	3	4	5	6	7	8	9	10	11
<b>United States</b> .....	<b>261 (0.8)</b>	<b>263 (0.5)</b>	<b>261 (0.2)</b>	<b>260 (0.2)</b>	<b>261 (0.2)</b>	<b>262 (0.3)</b>	<b>264 (0.2)</b>	<b>266 (0.2)</b>	<b>264 (0.2)</b>	<b>265 (0.3)</b>
Alabama .....	255 (1.4)	253 (1.3)	253 (1.5)	252 (1.4)	252 (1.0)	255 (1.1)	258 (1.5)	257 (1.2)	259 (1.1)	258 (1.0)
Alaska .....	— (†)	— (†)	256 (1.1)	259 (0.9)	259 (1.0)	259 (0.9)	261 (0.9)	261 (0.8)	260 (1.1)	258 (0.8)
Arizona .....	260 (1.1)	257 (1.3)	255 (1.4)	255 (1.0)	255 (1.2)	258 (1.2)	260 (1.2)	260 (1.1)	263 (1.2)	263 (0.9)
Arkansas .....	256 (1.3)	260 (1.1)	258 (1.3)	258 (1.1)	258 (1.0)	258 (1.2)	259 (0.9)	262 (1.1)	259 (1.2)	260 (0.8)
California <sup>1,2</sup> .....	252 (1.6)	250 (1.8)	251 (1.3)	250 (0.6)	251 (0.8)	253 (1.2)	255 (1.0)	262 (1.2)	259 (1.2)	263 (1.2)
Colorado .....	264 (1.0)	— (†)	268 (1.2)	265 (1.1)	266 (1.0)	266 (0.8)	271 (1.4)	271 (1.1)	268 (1.4)	270 (1.3)
Connecticut .....	270 (1.0)	267 (1.2)	267 (1.1)	264 (1.3)	267 (1.6)	272 (0.9)	275 (0.9)	274 (1.0)	273 (1.1)	273 (0.9)
Delaware .....	254 (1.3)	267 (0.5)	265 (0.7)	266 (0.6)	265 (0.6)	265 (0.7)	266 (0.6)	266 (0.7)	263 (0.8)	263 (0.8)
District of Columbia .....	236 (2.1)	240 (0.9)	239 (0.8)	238 (0.9)	241 (0.7)	242 (0.9)	242 (0.9)	248 (0.9)	248 (1.0)	247 (1.0)
Florida .....	255 (1.4)	261 (1.6)	257 (1.3)	256 (1.2)	260 (1.2)	264 (1.2)	262 (1.0)	266 (1.1)	263 (1.0)	267 (1.1)
Georgia .....	257 (1.4)	258 (1.0)	258 (1.1)	257 (1.3)	259 (1.0)	260 (1.0)	262 (1.1)	265 (1.2)	262 (1.3)	266 (1.1)
Hawaii .....	249 (1.0)	252 (0.9)	251 (0.9)	249 (0.9)	251 (0.8)	255 (0.6)	257 (0.7)	260 (0.8)	257 (0.9)	261 (0.8)
Idaho .....	— (†)	266 (1.1)	264 (0.9)	264 (1.1)	265 (0.9)	265 (0.9)	268 (0.7)	270 (0.8)	269 (0.9)	270 (0.9)
Illinois .....	‡ (†)	‡ (†)	266 (1.0)	264 (1.0)	263 (1.0)	265 (1.2)	266 (0.8)	267 (1.0)	267 (1.0)	267 (1.1)
Indiana .....	— (†)	265 (1.3)	265 (1.0)	261 (1.1)	264 (1.1)	266 (1.0)	265 (1.0)	267 (1.2)	268 (1.1)	272 (1.0)
Iowa .....	— (†)	— (†)	268 (0.8)	267 (0.9)	267 (0.9)	265 (0.9)	265 (1.0)	269 (0.8)	268 (1.0)	268 (1.1)
Kansas <sup>1,2</sup> .....	268 (1.4)	269 (1.3)	266 (1.5)	267 (1.0)	267 (0.8)	267 (1.1)	267 (1.0)	267 (1.0)	267 (1.2)	267 (1.0)
Kentucky .....	262 (1.4)	265 (1.0)	266 (1.3)	264 (1.1)	262 (1.0)	267 (0.9)	269 (0.8)	270 (0.8)	268 (1.0)	265 (0.8)
Louisiana .....	252 (1.4)	256 (1.5)	253 (1.6)	253 (1.6)	253 (1.1)	253 (1.6)	255 (1.5)	257 (1.0)	255 (1.2)	257 (1.5)
Maine <sup>4</sup> .....	271 (1.2)	270 (0.9)	268 (1.0)	270 (1.0)	270 (0.8)	268 (0.7)	270 (0.8)	269 (0.8)	268 (0.9)	269 (0.9)
Maryland <sup>1</sup> .....	261 (1.8)	263 (1.7)	262 (1.4)	261 (1.2)	265 (1.2)	267 (1.1)	271 (1.2)	274 (1.1)	268 (1.1)	267 (1.0)
Massachusetts .....	269 (1.4)	271 (1.3)	273 (1.0)	274 (1.0)	273 (1.0)	274 (1.2)	275 (1.0)	277 (1.0)	274 (1.1)	278 (1.1)
Michigan .....	— (†)	265 (1.6)	264 (1.8)	261 (1.2)	260 (1.2)	262 (1.4)	265 (0.9)	266 (1.0)	264 (1.2)	265 (1.1)
Minnesota <sup>1</sup> .....	265 (1.4)	‡ (†)	268 (1.1)	268 (1.2)	268 (0.9)	270 (1.0)	270 (1.0)	271 (1.0)	270 (1.1)	269 (1.0)
Mississippi .....	251 (1.2)	255 (0.9)	255 (1.4)	251 (1.3)	250 (1.1)	251 (1.0)	254 (1.2)	253 (1.0)	252 (1.0)	256 (0.7)
Missouri .....	262 (1.3)	268 (1.0)	267 (1.0)	265 (1.0)	263 (1.0)	267 (1.0)	267 (1.1)	267 (1.1)	267 (1.1)	266 (1.2)
Montana <sup>1,2</sup> .....	271 (1.3)	270 (1.0)	270 (1.0)	269 (0.7)	271 (0.8)	270 (0.6)	273 (0.6)	272 (0.8)	270 (0.8)	267 (0.8)
Nebraska .....	— (†)	270 (0.9)	266 (0.9)	267 (0.9)	267 (0.9)	267 (0.9)	268 (0.7)	269 (0.8)	269 (0.9)	269 (0.7)
Nevada .....	258 (1.0)	251 (0.8)	252 (0.8)	253 (0.9)	252 (0.8)	254 (0.9)	258 (0.9)	262 (0.7)	259 (0.9)	260 (0.8)
New Hampshire .....	— (†)	— (†)	271 (0.9)	270 (1.2)	270 (0.9)	271 (1.0)	272 (0.7)	274 (0.8)	275 (0.9)	275 (0.9)
New Jersey .....	— (†)	— (†)	268 (1.2)	269 (1.2)	270 (1.1)	273 (1.3)	275 (1.2)	276 (1.1)	271 (1.0)	275 (1.1)
New Mexico .....	258 (1.2)	254 (1.0)	252 (0.9)	251 (1.0)	251 (0.8)	254 (1.2)	256 (0.9)	256 (0.8)	253 (0.9)	256 (0.9)
New York <sup>1,2</sup> .....	265 (1.5)	264 (1.5)	265 (1.3)	265 (1.0)	264 (1.1)	264 (1.2)	266 (1.1)	266 (1.1)	263 (1.4)	264 (1.0)
North Carolina .....	262 (1.1)	265 (1.1)	262 (1.0)	258 (0.9)	259 (1.1)	260 (1.2)	263 (0.9)	265 (1.1)	261 (1.3)	263 (1.2)
North Dakota <sup>2</sup> .....	— (†)	268 (0.8)	270 (0.8)	270 (0.6)	268 (0.7)	269 (0.6)	269 (0.7)	268 (0.6)	267 (0.6)	265 (0.8)
Ohio .....	— (†)	268 (1.6)	267 (1.3)	267 (1.3)	268 (1.2)	269 (1.3)	268 (1.1)	269 (1.0)	266 (1.5)	268 (1.9)
Oklahoma .....	265 (1.2)	262 (0.8)	262 (0.9)	260 (1.1)	260 (0.8)	259 (0.9)	260 (1.1)	262 (0.9)	263 (1.3)	261 (1.0)
Oregon <sup>2</sup> .....	266 (1.5)	268 (1.3)	264 (1.2)	263 (1.1)	266 (0.9)	265 (1.0)	264 (0.9)	268 (0.9)	268 (1.3)	266 (1.2)
Pennsylvania .....	— (†)	265 (1.0)	264 (1.2)	267 (1.3)	268 (1.2)	271 (0.8)	268 (1.3)	272 (1.0)	269 (1.5)	270 (1.1)
Rhode Island .....	264 (0.9)	262 (0.8)	261 (0.7)	261 (0.7)	258 (0.9)	260 (0.6)	265 (0.7)	267 (0.6)	265 (0.7)	266 (0.8)
South Carolina .....	255 (1.1)	258 (1.1)	258 (1.3)	257 (1.1)	257 (0.9)	257 (1.2)	260 (0.9)	261 (1.0)	260 (1.2)	260 (1.0)
South Dakota .....	— (†)	— (†)	270 (0.8)	269 (0.6)	270 (0.7)	270 (0.5)	269 (0.8)	268 (0.8)	267 (1.0)	267 (0.7)
Tennessee <sup>2</sup> .....	258 (1.2)	260 (1.4)	258 (1.2)	259 (0.9)	259 (1.0)	261 (1.1)	259 (1.0)	265 (1.1)	265 (1.4)	262 (1.1)
Texas .....	261 (1.4)	262 (1.4)	259 (1.1)	258 (0.6)	261 (0.9)	260 (1.1)	261 (1.0)	264 (1.1)	261 (1.0)	260 (1.2)
Utah .....	263 (1.0)	263 (1.1)	264 (0.8)	262 (0.8)	262 (1.0)	266 (0.8)	267 (0.8)	270 (0.9)	269 (1.0)	269 (0.9)
Vermont .....	— (†)	272 (0.9)	271 (0.8)	269 (0.7)	273 (0.8)	272 (0.6)	274 (0.9)	274 (0.7)	274 (0.8)	273 (0.8)
Virginia .....	266 (1.1)	269 (1.0)	268 (1.1)	268 (1.0)	267 (1.1)	266 (1.1)	267 (1.2)	268 (1.3)	267 (1.2)	268 (1.3)
Washington <sup>2</sup> .....	264 (1.2)	268 (1.2)	264 (0.9)	265 (1.3)	265 (0.9)	267 (1.1)	268 (1.0)	272 (1.0)	267 (1.2)	272 (1.4)
West Virginia .....	262 (1.0)	264 (1.0)	260 (1.0)	255 (1.2)	255 (1.0)	255 (0.9)	256 (0.9)	257 (0.9)	260 (0.9)	259 (0.9)
Wisconsin <sup>1</sup> .....	265 (1.8)	‡ (†)	266 (1.3)	266 (1.1)	264 (1.0)	266 (1.0)	267 (0.9)	268 (0.9)	270 (1.1)	269 (1.0)
Wyoming .....	263 (1.3)	265 (0.7)	267 (0.5)	268 (0.7)	266 (0.7)	268 (1.0)	270 (1.0)	271 (0.6)	269 (0.7)	269 (0.7)
Department of Defense dependents schools <sup>3</sup> ..	269 (1.3)	273 (0.5)	272 (0.6)	271 (0.7)	273 (1.0)	272 (0.7)	272 (0.7)	277 (0.7)	277 (0.7)	280 (0.8)

—Not available.  
†Not applicable.  
‡Reporting standards not met. Participation rates fell below the required standards for reporting.  
<sup>1</sup>Did not meet one or more of the guidelines for school participation in 1998. Data are subject to appreciable nonresponse bias.  
<sup>2</sup>Did not meet one or more of the guidelines for school participation in 2002. Data are subject to appreciable nonresponse bias.  
<sup>3</sup>Prior to 2005, NAEP divided the Department of Defense (DoD) schools into two jurisdictions, domestic and overseas. In 2005, NAEP began combining the DoD domestic and overseas schools into a single jurisdiction. Data shown in this table for years prior to 2005 were recalculated for comparability.

NOTE: Scale ranges from 0 to 500. State-level data for 1992 and 1994 are not available. Includes public school students who were tested with accommodations; excludes only those students with disabilities (SD) and English language learners (ELL) who were unable to be tested even with accommodations. SD and ELL populations, accommodation rates, and exclusion rates vary from state to state.  
SOURCE: U.S. Department of Education, National Center for Education Statistics, National Assessment of Educational Progress (NAEP), 1998, 2002, 2003, 2005, 2007, 2009, 2011, 2013, 2015, and 2017 Reading Assessments, retrieved March 13, 2018, from the Main NAEP Data Explorer (<http://nces.ed.gov/nationsreportcard/naepdata/>). (This table was prepared March 2018.)

**Table 221.70. Average National Assessment of Educational Progress (NAEP) reading scale scores of 4th- and 8th-graders in public schools and percentage scoring at or above selected reading achievement levels, by English language learner (ELL) status and state: 2017**

[Standard errors appear in parentheses]

State	4th-graders							8th-graders						
	English language learners				Not English language learners			English language learners				Not English language learners		
	Percent of all students assessed	Average scale score <sup>1</sup>	Percent		Average scale score <sup>1</sup>	Percent		Percent of all students assessed	Average scale score <sup>1</sup>	Percent		Average scale score <sup>1</sup>	Percent	
			At or above Basic <sup>2</sup>	At or above Proficient <sup>3</sup>		At or above Basic <sup>2</sup>	At or above Proficient <sup>3</sup>			At or above Basic <sup>2</sup>	At or above Proficient <sup>3</sup>		At or above Basic <sup>2</sup>	At or above Proficient <sup>3</sup>
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
<b>United States ...</b>	<b>12 (0.2)</b>	<b>189 (0.9)</b>	<b>32 (1.2)</b>	<b>9 (0.7)</b>	<b>225 (0.2)</b>	<b>71 (0.3)</b>	<b>39 (0.3)</b>	<b>6 (0.1)</b>	<b>226 (0.8)</b>	<b>32 (1.1)</b>	<b>5 (0.6)</b>	<b>268 (0.3)</b>	<b>78 (0.3)</b>	<b>37 (0.4)</b>
Alabama .....	3 (0.5)	‡ (†)	‡ (†)	‡ (†)	218 (1.2)	65 (1.4)	32 (1.6)	2 (0.3)	‡ (†)	‡ (†)	‡ (†)	259 (1.0)	68 (1.4)	28 (1.1)
Alaska .....	14 (0.8)	151 (4.4)	12 (2.3)	2 (0.8)	216 (1.0)	64 (1.4)	32 (1.3)	11 (0.7)	215 (2.7)	18 (3.1)	1 (†)	263 (0.8)	76 (1.1)	29 (1.3)
Arizona .....	10 (0.9)	171 (3.0)	14 (3.1)	2 (1.1)	221 (1.4)	66 (1.7)	34 (1.6)	4 (0.6)	211 (4.8)	14 (5.3)	1 (†)	265 (0.9)	77 (1.2)	32 (1.3)
Arkansas .....	10 (0.9)	199 (3.3)	44 (4.6)	14 (2.9)	218 (1.2)	65 (1.7)	33 (1.4)	8 (0.8)	245 (2.7)	56 (4.1)	12 (2.9)	261 (0.9)	73 (1.1)	30 (1.2)
California .....	26 (1.6)	187 (2.1)	31 (2.7)	8 (1.4)	225 (1.4)	72 (1.6)	39 (1.8)	13 (0.9)	221 (2.1)	26 (2.8)	4 (1.7)	269 (1.3)	79 (1.3)	37 (1.7)
Colorado .....	14 (1.0)	189 (2.5)	33 (3.3)	8 (1.6)	231 (1.5)	77 (1.5)	45 (1.8)	10 (0.8)	232 (2.7)	39 (4.0)	5 (1.6)	274 (1.4)	84 (1.3)	44 (2.0)
Connecticut .....	8 (0.8)	194 (3.1)	35 (4.6)	10 (3.2)	231 (1.2)	77 (1.2)	45 (1.6)	4 (0.4)	215 (4.8)	21 (5.9)	2 (†)	275 (0.9)	83 (1.0)	46 (1.3)
Delaware .....	9 (0.6)	194 (2.9)	37 (4.7)	11 (3.2)	224 (0.9)	70 (1.2)	38 (1.3)	3 (0.3)	217 (4.4)	18 (4.7)	3 (1.2)	265 (0.8)	74 (1.1)	34 (1.4)
District of Columbia ..	7 (0.4)	172 (3.4)	12 (3.6)	1 (†)	217 (0.8)	60 (1.0)	31 (1.0)	6 (0.4)	207 (5.4)	21 (5.0)	3 (1.9)	249 (1.1)	57 (1.6)	21 (1.1)
Florida .....	8 (0.5)	192 (2.3)	31 (3.6)	7 (2.1)	232 (1.0)	78 (1.2)	44 (1.4)	7 (0.5)	228 (2.6)	36 (4.4)	5 (2.4)	269 (1.0)	80 (1.2)	38 (1.4)
Georgia .....	5 (0.5)	190 (5.1)	32 (5.8)	10 (3.8)	221 (1.2)	68 (1.4)	36 (1.5)	3 (0.4)	222 (4.7)	24 (5.5)	4 (†)	268 (1.1)	77 (1.2)	36 (1.6)
Hawaii .....	6 (0.5)	167 (3.2)	11 (3.5)	2 (1.2)	219 (1.0)	66 (1.2)	34 (1.1)	5 (0.4)	214 (3.4)	20 (3.8)	1 (†)	264 (0.8)	75 (1.0)	32 (1.2)
Idaho .....	6 (0.6)	174 (3.3)	15 (3.7)	3 (1.7)	226 (1.0)	73 (1.3)	40 (1.5)	3 (0.2)	226 (4.4)	30 (6.7)	3 (†)	271 (0.9)	83 (1.1)	40 (1.6)
Illinois .....	11 (0.8)	186 (3.0)	27 (3.5)	6 (1.8)	225 (1.3)	70 (1.5)	39 (1.6)	5 (0.4)	223 (3.4)	25 (4.1)	2 (†)	269 (1.1)	80 (1.2)	38 (1.7)
Indiana .....	6 (0.6)	200 (3.8)	42 (5.3)	16 (4.7)	228 (1.1)	74 (1.2)	42 (1.6)	5 (0.5)	252 (3.7)	64 (6.2)	20 (5.5)	273 (1.0)	83 (1.0)	42 (1.6)
Iowa .....	6 (0.7)	184 (3.2)	27 (5.4)	5 (2.4)	224 (1.2)	71 (1.4)	38 (1.6)	4 (0.3)	220 (4.6)	26 (6.3)	3 (†)	269 (1.1)	82 (1.1)	38 (1.6)
Kansas .....	13 (1.2)	208 (2.5)	54 (3.8)	20 (3.2)	225 (1.2)	73 (1.6)	40 (1.5)	11 (1.2)	250 (2.6)	60 (4.1)	16 (3.2)	270 (1.0)	80 (1.1)	39 (1.6)
Kentucky .....	3 (0.3)	184 (5.0)	25 (6.2)	5 (2.9)	225 (1.1)	71 (1.2)	39 (1.4)	2 (0.2)	‡ (†)	‡ (†)	‡ (†)	266 (0.8)	76 (0.9)	35 (1.2)
Louisiana .....	4 (0.7)	191 (3.3)	33 (6.0)	9 (3.5)	213 (1.4)	57 (1.8)	27 (1.6)	2 (0.4)	‡ (†)	‡ (†)	‡ (†)	257 (1.5)	68 (1.7)	25 (1.5)
Maine .....	4 (0.5)	177 (5.9)	25 (6.3)	9 (3.8)	223 (1.0)	69 (1.3)	37 (1.3)	2 (0.2)	‡ (†)	‡ (†)	‡ (†)	270 (0.9)	80 (1.0)	40 (1.4)
Maryland .....	10 (0.9)	191 (3.0)	32 (3.5)	9 (2.4)	229 (1.2)	73 (1.2)	44 (1.7)	4 (0.6)	219 (3.6)	25 (4.8)	2 (†)	269 (1.0)	77 (1.2)	39 (1.4)
Massachusetts .....	9 (0.7)	201 (2.8)	42 (4.3)	14 (2.6)	239 (1.1)	84 (1.2)	54 (1.5)	6 (0.7)	228 (3.6)	37 (5.6)	6 (2.2)	281 (1.0)	88 (0.9)	52 (1.4)
Michigan .....	8 (1.2)	193 (2.8)	35 (4.7)	12 (2.7)	220 (1.5)	67 (1.8)	34 (1.8)	6 (0.9)	235 (4.0)	45 (5.0)	7 (2.7)	267 (1.2)	78 (1.4)	36 (1.6)
Minnesota .....	9 (1.0)	181 (3.6)	24 (4.6)	5 (1.7)	229 (1.2)	76 (1.3)	42 (1.7)	6 (0.7)	220 (5.3)	25 (6.0)	2 (†)	272 (1.1)	82 (1.2)	42 (1.6)
Mississippi .....	3 (0.3)	‡ (†)	‡ (†)	‡ (†)	216 (1.2)	61 (1.5)	28 (1.5)	1 (0.2)	‡ (†)	‡ (†)	‡ (†)	257 (0.7)	67 (1.1)	25 (1.2)
Missouri .....	3 (0.6)	199 (6.0)	41 (8.8)	16 (6.1)	223 (1.2)	70 (1.5)	37 (1.6)	2 (0.4)	‡ (†)	‡ (†)	‡ (†)	267 (1.2)	78 (1.4)	36 (1.6)
Montana .....	3 (0.5)	176 (6.5)	22 (6.6)	7 (3.3)	224 (0.9)	71 (1.3)	39 (1.3)	2 (0.3)	‡ (†)	‡ (†)	‡ (†)	268 (0.8)	80 (1.0)	36 (1.3)
Nebraska .....	9 (1.0)	189 (3.7)	30 (5.1)	8 (2.5)	227 (1.1)	76 (1.1)	41 (1.7)	3 (0.3)	‡ (†)	‡ (†)	‡ (†)	270 (0.7)	81 (0.8)	39 (1.3)
Nevada .....	18 (0.7)	178 (2.2)	20 (2.8)	3 (1.2)	223 (1.7)	70 (1.6)	36 (2.1)	14 (0.6)	227 (2.0)	31 (3.9)	2 (1.0)	265 (0.9)	78 (1.0)	33 (1.4)
New Hampshire .....	3 (0.3)	205 (6.4)	53 (7.2)	25 (7.9)	230 (1.0)	76 (1.2)	44 (1.5)	2 (0.2)	‡ (†)	‡ (†)	‡ (†)	276 (0.9)	85 (1.2)	46 (1.5)
New Jersey .....	3 (0.7)	182 (5.4)	22 (6.8)	6 (3.6)	235 (1.1)	79 (1.3)	50 (1.5)	2 (0.6)	‡ (†)	‡ (†)	‡ (†)	276 (1.0)	83 (1.0)	48 (1.5)
New Mexico .....	17 (0.9)	167 (2.7)	14 (2.1)	3 (0.9)	216 (0.9)	62 (1.3)	29 (1.3)	12 (0.8)	216 (2.5)	20 (3.2)	2 (1.3)	261 (0.9)	72 (1.4)	27 (1.1)
New York .....	9 (0.7)	180 (3.1)	26 (3.4)	5 (1.9)	226 (1.3)	72 (1.5)	39 (1.4)	6 (0.6)	212 (4.1)	19 (4.2)	3 (1.6)	267 (0.8)	76 (0.8)	36 (1.2)
North Carolina .....	5 (0.5)	180 (3.6)	19 (4.0)	3 (1.7)	226 (1.0)	72 (1.4)	40 (1.4)	3 (0.3)	217 (4.3)	26 (5.9)	3 (2.0)	264 (1.2)	75 (1.2)	34 (1.5)
North Dakota .....	2 (0.2)	‡ (†)	‡ (†)	‡ (†)	222 (0.8)	71 (1.2)	35 (1.2)	2 (0.3)	‡ (†)	‡ (†)	‡ (†)	266 (0.8)	79 (1.0)	33 (1.4)
Ohio .....	4 (0.6)	214 (4.4)	60 (6.1)	24 (5.0)	226 (1.0)	72 (1.2)	39 (1.5)	2 (0.5)	234 (6.0)	39 (7.4)	8 (4.1)	269 (1.8)	78 (1.8)	40 (2.2)
Oklahoma .....	8 (0.6)	190 (3.0)	28 (4.8)	5 (1.5)	219 (1.1)	67 (1.4)	31 (1.5)	4 (0.5)	226 (3.7)	33 (5.1)	2 (†)	263 (1.0)	76 (1.3)	29 (1.3)
Oregon .....	16 (1.3)	181 (2.9)	22 (2.9)	4 (1.4)	224 (1.4)	71 (1.7)	39 (1.9)	5 (0.4)	209 (4.1)	13 (5.2)	1 (†)	269 (1.2)	80 (1.2)	38 (1.6)
Pennsylvania <sup>5</sup> .....	4 (0.4)	174 (4.5)	18 (5.1)	5 (2.9)	227 (1.1)	74 (1.4)	42 (1.6)	3 (0.4)	215 (5.6)	21 (5.6)	5 (†)	271 (1.1)	80 (1.1)	41 (1.6)
Rhode Island <sup>5</sup> .....	8 (0.5)	177 (3.6)	20 (3.9)	4 (1.8)	227 (0.9)	73 (1.1)	42 (1.2)	5 (0.3)	208 (3.2)	15 (4.3)	1 (†)	269 (0.8)	78 (1.0)	39 (1.3)
South Carolina .....	8 (0.9)	196 (2.9)	42 (4.3)	15 (2.8)	215 (1.3)	60 (1.5)	31 (1.5)	7 (0.5)	249 (3.4)	61 (4.6)	19 (3.8)	261 (1.0)	71 (1.2)	31 (1.4)
South Dakota .....	2 (0.3)	‡ (†)	‡ (†)	‡ (†)	223 (1.0)	70 (1.3)	37 (1.5)	2 (0.2)	‡ (†)	‡ (†)	‡ (†)	268 (0.7)	81 (1.0)	36 (1.2)
Tennessee <sup>3,5</sup> .....	5 (0.6)	179 (3.4)	21 (3.8)	4 (1.9)	221 (1.1)	67 (1.4)	35 (1.4)	3 (0.3)	214 (4.2)	16 (5.2)	#	263 (1.1)	74 (1.2)	32 (1.7)
Texas .....	25 (1.6)	194 (2.5)	37 (2.9)	12 (1.8)	222 (1.0)	68 (1.4)	34 (1.5)	11 (0.7)	233 (2.1)	38 (3.5)	5 (1.6)	264 (1.3)	76 (1.5)	31 (1.8)
Utah .....	8 (0.8)	179 (3.2)	21 (4.0)	6 (2.4)	229 (1.1)	77 (1.3)	44 (1.7)	5 (0.4)	224 (4.4)	28 (6.0)	3 (1.5)	271 (0.9)	82 (1.0)	40 (1.3)
Vermont .....	2 (0.2)	‡ (†)	‡ (†)	‡ (†)	227 (0.8)	73 (0.9)	44 (1.3)	2 (0.2)	‡ (†)	‡ (†)	‡ (†)	274 (0.8)	82 (0.9)	45 (1.4)
Virginia .....	8 (0.8)	187 (4.2)	31 (4.3)	8 (2.0)	231 (1.4)	78 (1.5)	46 (1.9)	5 (0.5)	226 (3.6)	29 (4.8)	3 (1.6)	270 (1.3)	80 (1.2)	39 (2.0)
Washington .....	13 (1.0)	181 (2.7)	22 (3.2)	4 (1.4)	229 (1.4)	75 (1.3)	44 (1.8)	5 (0.6)	228 (3.4)	32 (4.7)	3 (†)	274 (1.3)	83 (1.1)	44 (2.0)
West Virginia .....	1 (0.2)	‡ (†)	‡ (†)	‡ (†)	217 (1.2)	64 (1.3)	32 (1.3)	1 (0.3)	‡ (†)	‡ (†)	‡ (†)	259 (0.9)	70 (1.3)	28 (1.1)
Wisconsin .....	7 (0.6)	191 (3.1)	35 (4.1)	9 (2.4)	222 (0.9)	69 (1.3)	37 (1.3)	5 (0.4)	233 (4.4)	44 (6.2)	5 (2.4)	271 (1.0)	81 (1.0)	41 (1.6)
Wyoming .....	3 (0.3)	178 (5.4)	19 (7.0)	2 (†)	228 (0.9)	76 (1.0)	42 (1.6)	2 (0.1)	‡ (†)	‡ (†)	‡ (†)	270 (0.7)	81 (0.8)	38 (1.2)
Department of Defense dependents schools .....	9 (0.4)	216 (2.7)	63 (4.6)	22 (3.8)	236 (0.6)	86 (0.7)	51 (1.2)	4 (0.4)	‡ (†)	‡ (†)	‡ (†)	282 (0.8)	92 (0.9)	53 (1.5)

†Not applicable.

#Rounds to zero.

‡Reporting standards not met (too few cases for a reliable estimate).

<sup>1</sup>Scale ranges from 0 to 500.

<sup>2</sup>Basic denotes partial mastery of the knowledge and skills that are fundamental for proficient work at a given grade.

<sup>3</sup>Proficient represents solid academic performance. Students reaching this level have demonstrated competency over challenging subject matter.

NOTE: The results for English language learners are based on students who were assessed

and cannot be generalized to the total population of such students. Although testing accommodations were permitted, some English language learners did not have a sufficient level of English proficiency to participate in the 2017 Reading Assessment.

SOURCE: U.S. Department of Education, National Center for Education Statistics, National Assessment of Educational Progress (NAEP), 2017 Reading Assessment, retrieved May 9, 2018, from the Main NAEP Data Explorer (<http://nces.ed.gov/nationsreportcard/naepdata/>). (This table was prepared May 2018.)

**Table 221.80. Average National Assessment of Educational Progress (NAEP) reading scale scores of 4th- and 8th-grade public school students and percentage attaining selected reading achievement levels, by race/ethnicity and jurisdiction or specific urban district: Selected years, 2009 through 2017**

[Standard errors appear in parentheses]

Grade level and jurisdiction or specific urban district	Average reading scale score <sup>1</sup>														Percent of students	
	2009	2011	2013	2015					2017					2017		
	All students	All students	All students	All students	White	Black	Hispanic	Asian	All students	White	Black	Hispanic	Asian	At or above Basic <sup>2</sup>	At or above Proficient <sup>3</sup>	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	
<b>4th grade</b>																
United States .....	220 (0.3)	220 (0.3)	221 (0.3)	221 (0.4)	232 (0.3)	206 (0.5)	208 (0.8)	240 (1.7)	221 (0.2)	231 (0.3)	205 (0.5)	208 (0.5)	241 (1.0)	67 (0.3)	35 (0.3)	
All large cities <sup>4</sup> .....	210 (0.7)	211 (0.7)	212 (0.7)	214 (0.8)	235 (1.2)	204 (0.9)	206 (0.8)	233 (4.1)	213 (0.6)	234 (1.2)	203 (0.7)	206 (0.7)	230 (2.2)	58 (0.8)	28 (0.6)	
Selected urban districts																
Albuquerque (NM) .....	— (†)	209 (1.6)	207 (1.5)	207 (1.6)	227 (2.6)	± (†)	202 (1.8)	± (†)	207 (1.6)	229 (3.0)	± (†)	201 (1.7)	± (†)	53 (1.9)	24 (1.7)	
Atlanta (GA) .....	209 (1.5)	212 (1.4)	214 (1.3)	212 (1.6)	251 (2.7)	202 (1.9)	205 (4.7)	± (†)	214 (1.8)	251 (2.1)	203 (2.0)	204 (4.7)	± (†)	57 (1.8)	30 (1.5)	
Austin (TX) .....	220 (1.8)	224 (2.3)	221 (1.6)	220 (1.8)	248 (2.3)	± (†)	207 (2.2)	± (†)	217 (1.7)	245 (2.7)	198 (4.3)	204 (2.0)	± (†)	60 (1.9)	34 (1.6)	
Baltimore City (MD) .....	202 (1.7)	200 (1.7)	204 (1.6)	199 (1.7)	217 (3.8)	196 (1.9)	200 (4.4)	± (†)	197 (1.4)	219 (3.9)	194 (1.5)	198 (3.9)	± (†)	39 (1.9)	13 (1.5)	
Boston (MA) .....	215 (1.2)	217 (0.8)	214 (1.1)	219 (1.4)	241 (2.5)	214 (2.1)	214 (1.8)	230 (3.7)	217 (1.4)	238 (3.0)	209 (2.4)	213 (1.7)	242 (3.6)	60 (1.8)	29 (1.6)	
Charlotte (NC) .....	225 (1.6)	224 (1.2)	226 (1.6)	226 (1.6)	245 (2.1)	216 (2.3)	212 (2.6)	246 (5.4)	225 (1.5)	248 (1.9)	215 (2.1)	212 (2.7)	242 (5.9)	70 (1.7)	40 (2.0)	
Chicago (IL) .....	209 (1.5)	212 (1.4)	214 (1.3)	213 (1.4)	250 (2.3)	205 (2.4)	205 (4.6)	248 (5.0)	211 (1.4)	239 (4.3)	200 (2.0)	209 (1.6)	236 (5.5)	56 (1.5)	27 (1.6)	
Clark County (NV) .....	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	213 (1.1)	228 (2.3)	203 (2.8)	206 (1.5)	234 (4.3)	59 (1.5)	29 (1.5)	
Cleveland (OH) .....	194 (2.0)	193 (0.9)	190 (1.9)	197 (2.0)	210 (3.1)	193 (2.7)	199 (4.3)	± (†)	196 (1.8)	213 (3.2)	192 (2.4)	197 (3.6)	± (†)	38 (2.3)	11 (1.2)	
Dallas (TX) .....	— (†)	204 (1.6)	205 (1.4)	204 (1.9)	240 (4.6)	202 (3.4)	200 (2.1)	± (†)	201 (2.0)	± (†)	195 (4.1)	202 (2.3)	± (†)	45 (2.3)	15 (1.8)	
Denver (CO) .....	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	214 (1.7)	241 (3.0)	205 (3.3)	201 (1.7)	± (†)	57 (2.1)	29 (2.1)	
Detroit (MI) .....	187 (1.9)	191 (2.0)	190 (2.2)	186 (2.0)	± (†)	184 (2.2)	195 (4.0)	± (†)	182 (1.8)	± (†)	181 (1.9)	183 (3.2)	± (†)	22 (1.8)	5 (0.9)	
District of Columbia (DC) ...	203 (1.2)	201 (1.0)	206 (1.2)	214 (1.0)	262 (2.5)	202 (1.3)	206 (3.2)	± (†)	213 (0.9)	258 (1.9)	203 (1.3)	202 (2.5)	± (†)	55 (1.3)	29 (1.3)	
Duval County (FL) .....	— (†)	— (†)	— (†)	225 (1.5)	236 (2.0)	212 (2.1)	225 (2.7)	± (†)	226 (1.1)	236 (1.8)	215 (1.7)	226 (2.9)	± (†)	72 (1.8)	38 (1.7)	
Fort Worth (TX) .....	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	± (†)	206 (1.9)	231 (3.7)	195 (3.6)	204 (2.0)	± (†)	50 (2.6)	19 (1.8)	
Fresno (CA) .....	197 (1.7)	194 (2.4)	196 (1.7)	199 (1.6)	220 (4.7)	186 (3.8)	196 (2.0)	207 (3.8)	203 (1.8)	224 (2.9)	191 (4.0)	200 (1.9)	209 (4.0)	47 (1.8)	18 (1.5)	
Guilford County (NC) .....	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	± (†)	222 (1.3)	241 (1.8)	210 (1.9)	211 (2.8)	226 (4.6)	67 (1.5)	37 (1.7)	
Hillsborough County (FL) ...	— (†)	231 (1.7)	228 (1.3)	230 (1.9)	242 (2.0)	216 (3.2)	221 (2.0)	± (†)	227 (1.4)	237 (2.0)	211 (2.5)	223 (1.9)	± (†)	73 (2.1)	38 (1.7)	
Houston (TX) .....	211 (1.7)	213 (1.6)	208 (1.3)	210 (1.9)	246 (4.3)	207 (3.3)	204 (1.9)	± (†)	205 (1.7)	242 (3.6)	196 (3.5)	203 (1.9)	241 (4.7)	49 (1.9)	20 (1.4)	
Jefferson County (KY) .....	219 (1.8)	223 (1.3)	221 (1.2)	222 (2.0)	232 (2.4)	208 (2.3)	217 (3.6)	± (†)	221 (1.4)	235 (1.9)	203 (2.0)	215 (3.6)	± (†)	65 (1.6)	35 (1.6)	
Los Angeles (CA) .....	197 (1.1)	201 (1.2)	205 (1.6)	204 (1.8)	233 (4.2)	202 (4.9)	197 (1.7)	237 (5.0)	207 (1.5)	235 (2.7)	196 (4.5)	201 (1.4)	240 (4.2)	53 (1.8)	23 (1.5)	
Miami-Dade (FL) .....	221 (1.2)	221 (1.5)	223 (1.5)	226 (1.3)	239 (4.5)	210 (3.3)	229 (1.6)	± (†)	229 (1.2)	246 (3.7)	218 (2.5)	230 (1.5)	± (†)	76 (1.4)	42 (1.5)	
Milwaukee (WI) .....	196 (2.0)	195 (1.7)	199 (1.9)	— (†)	— (†)	— (†)	— (†)	± (†)	195 (1.6)	218 (3.6)	188 (2.2)	195 (2.9)	207 (4.4)	40 (2.0)	15 (1.3)	
New York City (NY) .....	217 (1.4)	216 (1.2)	216 (1.4)	214 (1.5)	233 (4.7)	206 (1.7)	205 (2.0)	236 (2.6)	214 (1.3)	234 (2.4)	207 (2.3)	204 (1.9)	230 (2.1)	60 (1.4)	28 (1.5)	
Philadelphia (PA) .....	195 (1.8)	199 (1.8)	200 (1.7)	201 (2.2)	216 (4.3)	198 (1.8)	188 (4.4)	221 (4.6)	197 (2.1)	225 (6.7)	191 (2.2)	186 (3.7)	230 (6.0)	40 (2.3)	17 (1.7)	
San Diego (CA) .....	213 (2.1)	215 (1.7)	218 (1.6)	216 (2.0)	240 (3.1)	201 (6.2)	204 (2.7)	223 (4.5)	222 (1.6)	243 (2.7)	208 (4.1)	209 (2.2)	233 (3.1)	66 (2.0)	37 (1.7)	
Shelby County (TN) .....	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	± (†)	203 (1.4)	232 (5.6)	198 (1.6)	206 (3.9)	± (†)	45 (2.1)	16 (1.5)	
<b>8th grade</b>																
United States .....	262 (0.3)	264 (0.2)	266 (0.2)	264 (0.2)	273 (0.2)	247 (0.5)	253 (0.4)	280 (1.4)	265 (0.3)	274 (0.3)	248 (0.5)	255 (0.5)	283 (1.0)	75 (0.3)	35 (0.3)	
All large cities <sup>4</sup> .....	252 (0.5)	255 (0.5)	258 (0.8)	257 (0.9)	277 (1.3)	246 (0.8)	251 (1.0)	272 (2.4)	258 (0.7)	276 (1.0)	246 (0.9)	253 (0.7)	274 (2.6)	68 (0.8)	27 (0.8)	
Selected urban districts																
Albuquerque (NM) .....	— (†)	254 (1.2)	256 (1.0)	251 (1.2)	267 (2.2)	± (†)	246 (1.3)	± (†)	255 (1.1)	276 (2.7)	± (†)	249 (1.4)	± (†)	64 (1.6)	25 (1.5)	
Atlanta (GA) .....	250 (1.5)	253 (1.0)	255 (1.0)	252 (1.4)	290 (2.9)	246 (1.5)	258 (3.7)	± (†)	254 (1.9)	295 (3.1)	246 (2.0)	259 (4.1)	± (†)	62 (2.4)	24 (1.7)	
Austin (TX) .....	261 (2.0)	261 (1.5)	261 (1.4)	261 (1.5)	290 (3.1)	241 (5.0)	249 (1.6)	± (†)	263 (1.7)	286 (2.5)	240 (4.3)	252 (2.0)	± (†)	71 (1.5)	36 (1.9)	
Baltimore City (MD) .....	245 (1.7)	246 (1.6)	252 (1.5)	243 (1.7)	268 (5.9)	240 (2.0)	246 (5.1)	± (†)	243 (1.3)	271 (3.9)	239 (1.3)	243 (5.9)	± (†)	50 (2.1)	13 (1.3)	
Boston (MA) .....	257 (1.5)	255 (1.2)	257 (1.0)	258 (1.2)	282 (3.1)	250 (2.1)	249 (2.3)	281 (3.9)	261 (1.2)	286 (3.1)	251 (2.0)	253 (2.0)	282 (3.5)	70 (1.6)	32 (1.6)	
Charlotte (NC) .....	259 (1.0)	265 (0.9)	266 (1.2)	263 (1.6)	284 (2.1)	251 (2.4)	254 (3.7)	± (†)	260 (1.4)	280 (1.9)	248 (2.1)	251 (2.6)	281 (4.4)	71 (1.8)	30 (2.0)	
Chicago (IL) .....	249 (1.6)	253 (1.1)	253 (1.0)	257 (1.8)	289 (5.0)	247 (1.6)	257 (1.6)	± (†)	259 (1.3)	283 (3.4)	248 (1.7)	257 (1.7)	292 (4.2)	70 (1.5)	27 (1.8)	
Clark County (NV) .....	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	± (†)	258 (0.8)	271 (1.7)	244 (2.6)	252 (1.1)	275 (3.2)	70 (1.1)	27 (1.4)	
Cleveland (OH) .....	242 (1.6)	240 (1.7)	239 (1.6)	240 (1.6)	251 (3.4)	238 (2.1)	238 (3.3)	± (†)	237 (1.8)	248 (3.4)	236 (2.1)	234 (4.8)	± (†)	45 (2.5)	10 (1.5)	
Dallas (TX) .....	— (†)	248 (1.0)	251 (1.3)	250 (1.3)	± (†)	241 (2.5)	251 (1.5)	± (†)	246 (1.3)	± (†)	238 (2.6)	247 (1.4)	± (†)	56 (1.6)	15 (1.3)	
Denver (CO) .....	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	± (†)	258 (1.3)	285 (2.9)	249 (3.8)	250 (1.7)	± (†)	67 (1.7)	29 (2.0)	
Detroit (MI) .....	232 (2.4)	237 (1.0)	239 (1.6)	237 (1.2)	± (†)	235 (1.5)	245 (3.1)	± (†)	235 (1.4)	± (†)	233 (1.5)	242 (3.1)	± (†)	41 (2.3)	7 (1.2)	
District of Columbia (DC) ...	240 (1.5)	237 (1.2)	245 (1.3)	245 (1.4)	299 (3.8)	236 (1.8)	244 (3.7)	± (†)	246 (1.5)	303 (4.4)	236 (1.6)	237 (4.8)	± (†)	53 (2.1)	21 (1.5)	
Duval County (FL) .....	— (†)	— (†)	— (†)	264 (1.4)	272 (2.2)	254 (1.5)	262 (3.6)	± (†)	263 (1.2)	273 (1.8)	252 (2.0)	258 (3.0)	± (†)	74 (1.4)	31 (1.6)	
Fort Worth (TX) .....	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	± (†)	248 (1.3)	272 (3.4)	235 (2.5)	249 (1.5)	± (†)	59 (2.1)	16 (1.6)	
Fresno (CA) .....	240 (2.4)	238 (1.8)	245 (1.4)	242 (1.9)	256 (4.5)	238 (3.9)	238 (2.2)	249 (3.9)	244 (1.9)	264 (3.6)	232 (3.7)	241 (2.1)	255 (3.3)	53 (2.4)	14 (1.4)	
Guilford County (NC) .....	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	± (†)	260 (1.3)	278 (2.0)	246 (2.1)	252 (3.2)	258 (5.8)	69 (1.5)	30 (1.6)	
Hillsborough County (FL) ...	— (†)	264 (1.5)	267 (1.2)	261 (1.7)	274 (2.1)	246 (3.4)	254 (2.3)	± (†)	265 (1.3)	275 (1.7)	248 (3.0)	261 (2.1)	284 (6.1)	74 (1.6)	34 (1.7)	
Houston (TX) .....	252 (1.2)	252 (0.9)	252 (1.2)	252 (1.8)	280 (4.1)	246 (2.6)	247 (1.5)	± (†)	249 (1.0)	276 (3.4)	243 (2.1)	247 (1.4)	± (†)	59 (1.5)	18 (1.1)	
Jefferson County (KY) .....	259 (1.0)	260 (1.1)	261 (1.0)	261 (1.8)	271 (2.7)	247 (1.9)	260 (4.6)	± (†)	261 (1.3)	273 (1.9)	245 (1.7)	256 (4.4)	± (†)	69 (1.6)	30 (1.8)	
Los Angeles (CA) .....	244 (1.1)	246 (1.1)	250 (1.4)	251 (1.4)	273 (3.2)	248 (5.3)	246 (1.3)	274 (4.8)	254 (1.0)	276 (3.1)	249 (3.2)	248 (1.1)	285 (3.1)	65 (1.3)	23 (1.5)	
Miami-Dade (FL) .....	261 (1.4)	260 (1.4)	259 (1.0)	265 (1.8)	279 (4.5)	254 (3.1)	266 (1.9)	± (†)	261 (1.2)	272 (4.5)	251 (2.2)	263 (1.3)	± (†)	72 (1.5)	30 (1.5)	
Milwaukee (WI) .....	241 (2.0)	238 (1.6)	242 (1.4)	— (†)	— (†)	— (†)	— (†)	± (†)	245 (1.4)	265 (5.2)	234 (1.6)	253 (2.8)	252 (7.8)	54 (1.7)	15 (1.5)	
New York City (NY) .....	252 (1.4)	254 (1.8)	256 (1.2)	258 (1.7)	276 (3.7)	247 (2.0)	254 (2.2)	270 (3.5)	258 (1.6)	273 (3.3)	246 (2.6)	250 (2.1)	274 (3.8)	67 (1.9)	28 (1.9)	
Philadelphia (PA) .....	247 (2.5)	247 (1.5)	249 (1.8)	248 (2.0)	263 (4.8)	240 (4.2)	244 (2.4)	244 (3.6)	276 (5.3)	248 (1.9)	240 (2.1)	242 (3.7)	275 (5.9)	57 (2.2)	20 (2.0)	
San Diego (CA) .....	254 (2.8)	256 (2.1)	260 (1.5)	262 (2.0)	283 (2.9)	252 (4.4)	248 (2.9)	266 (4.1)	264 (1.1)	282 (2.4)	239 (4.9)	252 (2.0)	279 (3.0)	74 (1.3)	35 (1.6)	
Shelby County (TN) .....	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	± (†)	248 (1.6)	273 (4.7)	244 (1.9)	251 (4.3)	± (†)	57 (2.2)	17 (1.9)	

—Not available.  
†Not applicable.

**Table 221.85. Average National Assessment of Educational Progress (NAEP) reading scale score, by age and selected student characteristics: Selected years, 1971 through 2012**

[Standard errors appear in parentheses]

Selected student characteristic	1971	1975	1980	1984	1988	1990	1992	1994	1996	1999	2004 <sup>1</sup>		2008	2012
											Previous format	Revised format		
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
<b>9-year-olds</b>														
<b>All students</b> .....	<b>208 (1.0)</b>	<b>210 (0.7)</b>	<b>215 (1.0)</b>	<b>211 (0.8)</b>	<b>212 (1.1)</b>	<b>209 (1.2)</b>	<b>211 (0.9)</b>	<b>211 (1.2)</b>	<b>212 (1.0)</b>	<b>212 (1.3)</b>	<b>219 (1.1)</b>	<b>216 (1.0)</b>	<b>220 (0.9)</b>	<b>221 (0.8)</b>
<b>Sex</b>														
Male .....	201 (1.1)	204 (0.8)	210 (1.1)	207 (1.0)	207 (1.4)	204 (1.7)	206 (1.3)	207 (1.3)	207 (1.4)	209 (1.6)	216 (1.4)	212 (1.1)	216 (1.1)	218 (0.9)
Female .....	214 (1.0)	216 (0.8)	220 (1.1)	214 (0.9)	216 (1.3)	215 (1.2)	215 (0.9)	215 (1.4)	218 (1.1)	215 (1.5)	221 (1.0)	219 (1.1)	224 (0.9)	223 (0.9)
Gap between female and male score .....	13 (1.5)	12 (1.1)	10 (1.6)	7 (1.3)	9 (1.9)	11 (2.0)	10 (1.6)	7 (1.9)	11 (1.8)	6 (2.2)	5 (1.8)	8 (1.5)	7 (1.4)	5 (1.3)
<b>Race/ethnicity</b>														
White .....	214 <sup>2</sup> (0.9)	217 (0.7)	221 (0.8)	218 (0.9)	218 (1.4)	217 (1.3)	218 (1.0)	218 (1.3)	220 (1.2)	221 (1.6)	226 (1.1)	224 (0.9)	228 (1.0)	229 (0.8)
Black .....	170 <sup>2</sup> (1.7)	181 (1.2)	189 (1.8)	186 (1.3)	189 (2.4)	182 (2.9)	185 (2.2)	185 (2.3)	191 (2.6)	186 (2.3)	200 (2.2)	197 (1.8)	204 (1.7)	206 (1.9)
Hispanic .....	† (†)	183 (2.2)	190 (2.3)	187 (3.0)	194 (3.5)	189 (2.3)	192 (3.1)	186 (3.9)	195 (3.4)	193 (2.7)	205 (1.7)	199 (1.5)	207 (1.5)	208 (1.5)
Gap between White and Black score .....	44 (1.9)	35 (1.4)	32 (1.9)	32 (1.6)	29 (2.8)	35 (3.2)	33 (2.4)	33 (2.6)	29 (2.8)	35 (2.8)	26 (2.5)	27 (2.1)	24 (2.0)	23 (2.1)
Gap between White and Hispanic score .....	† (†)	34 (2.4)	31 (2.4)	31 (3.1)	24 (3.8)	28 (2.6)	26 (3.2)	32 (4.1)	25 (3.6)	28 (3.2)	21 (2.1)	25 (1.8)	21 (1.8)	21 (1.7)
<b>13-year-olds</b>														
<b>All students</b> .....	<b>255 (0.9)</b>	<b>256 (0.8)</b>	<b>258 (0.9)</b>	<b>257 (0.6)</b>	<b>257 (1.0)</b>	<b>257 (0.8)</b>	<b>260 (1.2)</b>	<b>258 (0.9)</b>	<b>258 (1.0)</b>	<b>259 (1.0)</b>	<b>259 (1.0)</b>	<b>257 (1.0)</b>	<b>260 (0.8)</b>	<b>263 (1.0)</b>
<b>Sex</b>														
Male .....	250 (1.0)	250 (0.8)	254 (1.1)	253 (0.7)	252 (1.3)	251 (1.1)	254 (1.7)	251 (1.2)	251 (1.2)	254 (1.3)	254 (1.2)	252 (1.1)	256 (1.0)	259 (1.3)
Female .....	261 (0.9)	262 (0.9)	263 (0.9)	262 (0.7)	263 (1.0)	263 (1.1)	265 (1.2)	266 (1.2)	264 (1.2)	265 (1.2)	264 (1.3)	262 (1.2)	264 (0.9)	267 (0.9)
Gap between female and male score .....	11 (1.3)	13 (1.2)	8 (1.4)	9 (1.0)	11 (1.7)	13 (1.6)	11 (2.1)	15 (1.7)	13 (1.7)	12 (1.8)	10 (1.8)	10 (1.6)	8 (1.3)	8 (1.6)
<b>Race/ethnicity</b>														
White .....	261 <sup>2</sup> (0.7)	262 (0.7)	264 (0.7)	263 (0.6)	261 (1.1)	262 (0.9)	266 (1.2)	265 (1.1)	266 (1.0)	267 (1.2)	266 (1.0)	265 (1.0)	268 (1.0)	270 (1.3)
Black .....	222 <sup>2</sup> (1.2)	226 (1.2)	233 (1.5)	236 (1.2)	243 (2.4)	241 (2.2)	238 (2.3)	234 (2.4)	234 (2.6)	238 (2.4)	244 (2.0)	239 (1.9)	247 (1.6)	247 (1.6)
Hispanic .....	† (†)	232 (3.0)	237 (2.0)	240 (2.0)	240 (3.5)	238 (2.3)	239 (3.5)	235 (1.9)	238 (2.9)	244 (2.9)	242 (1.6)	241 (2.1)	242 (1.5)	249 (1.3)
Gap between White and Black score .....	39 (1.4)	36 (1.4)	32 (1.6)	26 (1.3)	18 (2.6)	21 (2.4)	29 (2.7)	31 (2.7)	32 (2.8)	29 (2.7)	22 (2.3)	25 (2.1)	21 (1.9)	23 (2.1)
Gap between White and Hispanic score .....	† (†)	30 (3.1)	27 (2.1)	23 (2.1)	21 (3.6)	24 (2.5)	27 (3.7)	30 (2.2)	28 (3.1)	23 (3.1)	24 (1.9)	24 (2.4)	26 (1.8)	21 (1.8)
<b>Parents' highest level of education</b>														
Did not finish high school .....	— (†)	— (†)	239 (1.1)	240 (1.2)	246 (2.1)	241 (1.8)	239 (2.6)	237 (2.4)	239 (2.8)	238 (3.4)	240 (2.7)	238 (2.3)	239 (1.9)	248 (2.0)
Graduated high school .....	— (†)	— (†)	253 (0.9)	253 (0.8)	253 (1.2)	251 (0.9)	252 (1.7)	251 (1.4)	251 (1.5)	251 (1.8)	251 (1.6)	249 (1.1)	251 (1.1)	248 (1.7)
Some education after high school .....	— (†)	— (†)	268 (1.0)	266 (1.1)	265 (1.7)	267 (1.7)	265 (2.7)	266 (1.9)	268 (2.3)	269 (2.4)	264 (2.0)	261 (1.4)	265 (1.1)	264 (1.5)
Graduated college .....	— (†)	— (†)	273 (0.9)	268 (0.9)	265 (1.6)	267 (1.1)	271 (1.5)	269 (1.2)	269 (1.4)	270 (1.2)	270 (1.0)	266 (1.2)	270 (1.2)	273 (1.3)
<b>17-year-olds</b>														
<b>All students</b> .....	<b>285 (1.2)</b>	<b>286 (0.8)</b>	<b>285 (1.2)</b>	<b>289 (0.8)</b>	<b>290 (1.0)</b>	<b>290 (1.1)</b>	<b>290 (1.1)</b>	<b>288 (1.3)</b>	<b>288 (1.1)</b>	<b>288 (1.3)</b>	<b>285 (1.2)</b>	<b>283 (1.1)</b>	<b>286 (0.9)</b>	<b>287 (0.9)</b>
<b>Sex</b>														
Male .....	279 (1.2)	280 (1.0)	282 (1.3)	284 (0.8)	286 (1.5)	284 (1.6)	284 (1.6)	282 (2.2)	281 (1.3)	281 (1.6)	278 (1.5)	276 (1.4)	280 (1.1)	283 (1.1)
Female .....	291 (1.3)	291 (1.0)	289 (1.2)	294 (0.9)	294 (1.5)	296 (1.2)	296 (1.1)	295 (1.5)	295 (1.2)	295 (1.4)	292 (1.3)	289 (1.2)	291 (1.0)	291 (1.0)
Gap between female and male score .....	12 (1.8)	12 (1.4)	7 (1.8)	10 (1.2)	8 (2.1)	12 (2.0)	11 (1.9)	13 (2.7)	15 (1.8)	13 (2.1)	14 (2.0)	14 (1.8)	11 (1.5)	8 (1.5)
<b>Race/ethnicity</b>														
White .....	291 <sup>2</sup> (1.0)	293 (0.6)	293 (0.9)	295 (0.9)	295 (1.2)	297 (1.2)	297 (1.4)	296 (1.5)	295 (1.2)	295 (1.4)	293 (1.1)	289 (1.2)	295 (1.0)	295 (1.0)
Black .....	239 <sup>2</sup> (1.7)	241 (2.0)	243 (1.8)	264 (1.2)	274 (2.4)	267 (2.3)	261 (2.1)	266 (3.9)	266 (2.7)	264 (1.7)	264 (2.7)	262 (1.9)	266 (2.4)	269 (1.6)
Hispanic .....	† (†)	252 (3.6)	261 (2.7)	268 (2.9)	271 (4.3)	275 (3.6)	271 (3.7)	263 (4.9)	265 (4.1)	271 (3.9)	264 (2.9)	267 (2.5)	269 (1.3)	274 (1.5)
Gap between White and Black score .....	53 (2.0)	52 (2.1)	50 (2.0)	32 (1.5)	20 (2.7)	29 (2.6)	37 (2.5)	30 (4.2)	29 (3.0)	31 (2.3)	29 (2.9)	27 (2.3)	29 (2.6)	26 (1.9)
Gap between White and Hispanic score .....	† (†)	41 (3.6)	31 (2.9)	27 (3.0)	24 (4.4)	22 (3.8)	26 (3.9)	33 (5.2)	30 (4.2)	24 (4.2)	29 (3.1)	22 (2.8)	26 (1.6)	21 (1.9)
<b>Parents' highest level of education</b>														
Did not finish high school .....	— (†)	— (†)	262 (1.5)	269 (1.4)	267 (2.0)	270 (2.8)	271 (3.9)	268 (2.7)	267 (3.2)	265 (3.6)	259 (3.4)	259 (2.7)	266 (2.1)	266 (2.1)
Graduated high school .....	— (†)	— (†)	277 (1.0)	281 (0.8)	282 (1.3)	283 (1.4)	280 (1.6)	276 (1.9)	273 (1.7)	274 (2.1)	274 (1.6)	271 (1.4)	274 (1.4)	270 (1.6)
Some education after high school .....	— (†)	— (†)	295 (1.2)	298 (0.9)	299 (2.2)	295 (1.9)	293 (1.9)	294 (1.6)	295 (2.2)	295 (1.8)	286 (1.9)	285 (1.5)	288 (1.1)	287 (1.1)
Graduated college .....	— (†)	— (†)	301 (1.0)	302 (0.9)	300 (1.4)	302 (1.5)	301 (1.7)	300 (1.7)	299 (1.5)	298 (1.3)	298 (1.3)	295 (1.2)	298 (1.1)	300 (1.0)

—Not available.

†Not applicable.

<sup>1</sup>In 2004, two assessments were conducted—one using the same format that was used in previous assessments, and one using a revised assessment format that provides accommodations for students with disabilities and for English language learners. The 2004 data in column 12 are for the format that was used in previous assessment years, while the 2004 data in column 13 are for the revised format. In subsequent years, only the revised format was used.

<sup>2</sup>Data for 1971 include persons of Hispanic ethnicity.

<sup>3</sup>Test scores of Hispanics were not tabulated separately.

NOTE: Scale ranges from 0 to 500. Students scoring 150 (or higher) are able to follow brief written directions and carry out simple, discrete reading tasks. Students scoring 200 are able to understand, combine ideas, and make inferences based on short uncomplicated passages about specific or sequentially related information. Students scoring 250 are able to search

for specific information, interrelate ideas, and make generalizations about literature, science, and social studies materials. Students scoring 300 are able to find, understand, summarize, and explain relatively complicated literary and informational material. Includes public and private schools. For assessment years prior to 2004, accommodations were not permitted. For 2004 (revised format) and later years, includes students tested with accommodations; excludes only those students with disabilities and English language learners who were unable to be tested even with accommodations (2 to 5 percent of all students, depending on age and assessment year). Race categories exclude persons of Hispanic ethnicity, except where noted. Totals include other racial/ethnic groups not shown separately.

SOURCE: U.S. Department of Education, National Center for Education Statistics, National Assessment of Educational Progress (NAEP), NAEP 2012 Trends in Academic Progress; and 2012 NAEP Long-Term Trend Reading Assessment, retrieved June 27, 2013, from Long-Term Trend NAEP Data Explorer (<http://nces.ed.gov/nationsreportcard/naepdata/>). (This table was prepared June 2013.)

**Table 222.10. Average National Assessment of Educational Progress (NAEP) mathematics scale score, by sex, race/ethnicity, and grade: Selected years, 1990 through 2017**

[Standard errors appear in parentheses]

Grade and year	All students	Sex			Race/ethnicity											
		Average mathematics scale score		Gap between female and male score	Average mathematics scale score										Gap between White and Black score	Gap between White and Hispanic score
		Male	Female		White	Black	Hispanic	Asian/Pacific Islander			American Indian/Alaska Native	Two or more races <sup>1</sup>				
								Total	Asian <sup>1</sup>	Pacific Islander <sup>1</sup>						
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15		
<b>Grade 4</b>																
1990 <sup>2</sup> .....	213 (0.9)	214 (1.2)	213 (1.1)	-1 (1.7)	220 (1.0)	188 (1.8)	200 (2.2)	225 (4.1)	— (†)	— (†)	‡ (†)	— (†)	32 (2.0)	20 (2.4)		
1992 <sup>2</sup> .....	220 (0.7)	221 (0.8)	219 (1.0)	-2 (1.2)	227 (0.8)	193 (1.4)	202 (1.5)	231 (2.1)	— (†)	— (†)	‡ (†)	— (†)	35 (1.6)	25 (1.7)		
1996 .....	224 (1.0)	224 (1.1)	223 (1.1)	# (†)	232 (1.0)	198 (1.6)	207 (1.9)	229 (4.2)	— (†)	— (†)	217 (5.6)	— (†)	34 (1.8)	25 (2.1)		
2000 .....	226 (0.9)	227 (1.0)	224 (0.9)	-3 (1.4)	234 (0.8)	203 (1.2)	208 (1.5)	‡ (†)	— (†)	— (†)	208 (3.5)	— (†)	31 (1.5)	27 (1.7)		
2003 .....	235 (0.2)	236 (0.3)	233 (0.2)	-3 (0.3)	243 (0.2)	216 (0.4)	222 (0.4)	246 (1.1)	— (†)	— (†)	223 (1.0)	— (†)	27 (0.4)	22 (0.5)		
2005 .....	238 (0.1)	239 (0.2)	237 (0.2)	-3 (0.2)	246 (0.1)	220 (0.3)	226 (0.3)	251 (0.7)	— (†)	— (†)	226 (0.9)	— (†)	26 (0.3)	20 (0.3)		
2007 .....	240 (0.2)	241 (0.2)	239 (0.2)	-2 (0.3)	248 (0.2)	222 (0.3)	227 (0.3)	253 (0.8)	— (†)	— (†)	228 (0.7)	— (†)	26 (0.4)	21 (0.4)		
2009 .....	240 (0.2)	241 (0.3)	239 (0.3)	-2 (0.4)	248 (0.2)	222 (0.3)	227 (0.4)	255 (1.0)	— (†)	— (†)	225 (0.9)	— (†)	26 (0.4)	21 (0.5)		
2011 .....	241 (0.2)	241 (0.2)	240 (0.2)	-1 (0.3)	249 (0.2)	224 (0.4)	229 (0.3)	256 (1.0)	257 (1.0)	236 (2.1)	225 (0.9)	245 (0.6)	25 (0.4)	20 (0.4)		
2013 .....	242 (0.2)	242 (0.3)	241 (0.2)	-1 (0.4)	250 (0.2)	224 (0.3)	231 (0.4)	258 (0.8)	259 (0.8)	236 (2.0)	227 (1.1)	245 (0.7)	26 (0.4)	19 (0.5)		
2015 .....	240 (0.3)	241 (0.3)	239 (0.3)	-2 (0.4)	248 (0.3)	224 (0.4)	230 (0.5)	257 (1.2)	259 (1.2)	231 (2.3)	227 (1.0)	245 (0.8)	24 (0.5)	18 (0.5)		
2017 .....	240 (0.2)	241 (0.3)	239 (0.2)	-2 (0.4)	248 (0.2)	223 (0.5)	229 (0.4)	258 (1.1)	260 (1.0)	229 (2.7)	227 (1.3)	245 (0.8)	25 (0.5)	19 (0.5)		
<b>Grade 8</b>																
1990 <sup>2</sup> .....	263 (1.3)	263 (1.6)	262 (1.3)	-1 (2.1)	270 (1.3)	237 (2.7)	246 (4.3)	275 (5.0)	— (†)	— (†)	‡ (†)	— (†)	33 (3.0)	24 (4.5)		
1992 <sup>2</sup> .....	268 (0.9)	268 (1.1)	269 (1.0)	1 (1.5)	277 (1.0)	237 (1.3)	249 (1.2)	290 (5.9)	— (†)	— (†)	‡ (†)	— (†)	40 (1.7)	28 (1.5)		
1996 .....	270 (0.9)	271 (1.1)	269 (1.1)	-2 (1.5)	281 (1.1)	240 (1.9)	251 (1.7)	‡ (†)	— (†)	— (†)	‡ (†)	— (†)	41 (2.2)	30 (2.0)		
2000 .....	273 (0.8)	274 (0.9)	272 (0.9)	-2 (1.3)	284 (0.8)	244 (1.2)	253 (1.3)	288 (3.5)	— (†)	— (†)	259 (7.5)	— (†)	40 (1.5)	31 (1.6)		
2003 .....	278 (0.3)	278 (0.3)	277 (0.3)	-2 (0.4)	288 (0.3)	252 (0.5)	259 (0.6)	291 (1.3)	— (†)	— (†)	263 (1.8)	— (†)	35 (0.6)	29 (0.7)		
2005 .....	279 (0.2)	280 (0.2)	278 (0.2)	-2 (0.3)	289 (0.2)	255 (0.4)	262 (0.4)	295 (0.9)	— (†)	— (†)	264 (0.9)	— (†)	34 (0.4)	27 (0.5)		
2007 .....	281 (0.3)	282 (0.3)	280 (0.3)	-2 (0.4)	291 (0.3)	260 (0.4)	265 (0.4)	297 (0.9)	— (†)	— (†)	264 (1.2)	— (†)	32 (0.5)	26 (0.5)		
2009 .....	283 (0.3)	284 (0.3)	282 (0.4)	-2 (0.5)	293 (0.3)	261 (0.5)	266 (0.6)	301 (1.2)	— (†)	— (†)	266 (1.1)	— (†)	32 (0.5)	26 (0.6)		
2011 .....	284 (0.2)	284 (0.3)	283 (0.2)	-1 (0.4)	293 (0.2)	262 (0.5)	270 (0.5)	303 (1.1)	305 (1.1)	269 (2.4)	265 (0.9)	288 (1.3)	31 (0.5)	23 (0.5)		
2013 .....	285 (0.3)	285 (0.3)	284 (0.3)	-1 (0.4)	294 (0.3)	263 (0.4)	272 (0.5)	306 (1.0)	309 (1.1)	275 (2.3)	269 (1.2)	288 (1.2)	31 (0.5)	22 (0.5)		
2015 .....	282 (0.3)	282 (0.3)	282 (0.4)	# (†)	292 (0.3)	260 (0.5)	270 (0.5)	306 (1.5)	307 (1.5)	276 (2.9)	267 (1.3)	285 (1.1)	32 (0.6)	22 (0.6)		
2017 .....	283 (0.3)	283 (0.3)	282 (0.3)	-1 (0.4)	293 (0.3)	260 (0.5)	269 (0.5)	310 (1.5)	312 (1.5)	274 (2.2)	267 (1.4)	287 (1.1)	32 (0.6)	24 (0.6)		
<b>Grade 12</b>																
1990 <sup>2</sup> .....	[†] (†)	[†] (†)	[†] (†)	[†] (†)	[†] (†)	[†] (†)	[†] (†)	[†] (†)	[†] (†)	[†] (†)	[†] (†)	[†] (†)	[†] (†)	[†] (†)		
1992 <sup>2</sup> .....	[†] (†)	[†] (†)	[†] (†)	[†] (†)	[†] (†)	[†] (†)	[†] (†)	[†] (†)	[†] (†)	[†] (†)	[†] (†)	[†] (†)	[†] (†)	[†] (†)		
1996 .....	[†] (†)	[†] (†)	[†] (†)	[†] (†)	[†] (†)	[†] (†)	[†] (†)	[†] (†)	[†] (†)	[†] (†)	[†] (†)	[†] (†)	[†] (†)	[†] (†)		
2000 .....	[†] (†)	[†] (†)	[†] (†)	[†] (†)	[†] (†)	[†] (†)	[†] (†)	[†] (†)	[†] (†)	[†] (†)	[†] (†)	[†] (†)	[†] (†)	[†] (†)		
2003 .....	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)		
2005 .....	150 (0.6)	151 (0.7)	149 (0.7)	-3 (1.0)	157 (0.6)	127 (1.1)	133 (1.3)	163 (2.0)	— (†)	— (†)	134 (4.1)	— (†)	31 (1.2)	24 (1.4)		
2007 .....	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)		
2009 .....	153 (0.7)	155 (0.9)	152 (0.7)	-3 (1.1)	161 (0.6)	131 (0.8)	138 (0.8)	175 (2.7)	— (†)	— (†)	144 (2.8)	— (†)	30 (1.0)	23 (1.0)		
2011 .....	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)		
2013 .....	153 (0.5)	155 (0.6)	152 (0.6)	-3 (0.9)	162 (0.6)	132 (0.8)	141 (0.8)	172 (1.3)	174 (1.3)	151 (2.8)	142 (3.2)	155 (1.7)	30 (1.0)	21 (1.0)		
2015 .....	152 (0.5)	153 (0.7)	150 (0.6)	-3 (0.9)	160 (0.6)	130 (1.0)	139 (0.8)	170 (2.0)	171 (1.9)	‡ (†)	138 (2.8)	157 (2.2)	30 (1.2)	22 (1.0)		
2017 .....	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)		

—Not available.  
†Not applicable.  
#Rounds to zero.  
‡Reporting standards not met. Either there are too few cases for a reliable estimate or the coefficient of variation (CV) is 50 percent or greater.  
<sup>1</sup>Prior to 2011, separate data for Asian students, Pacific Islander students, and students of Two or more races were not collected.  
<sup>2</sup>Accommodations were not permitted for this assessment.  
<sup>3</sup>Because of major changes to the framework and content of the grade 12 assessment, scores from 2005 and later assessment years cannot be compared with scores from earlier assessment years. Therefore, this table does not include scores from the earlier grade 12 assessment years (1990, 1992, 1996, and 2000). For data pertaining to scale score comparisons between earlier years, see the *Digest of Education Statistics 2009*, table 138 ([http://nces.ed.gov/programs/digest/d09/tables/dt09\\_138.asp](http://nces.ed.gov/programs/digest/d09/tables/dt09_138.asp)).

NOTE: For the grade 4 and grade 8 assessments, the scale ranges from 0 to 500. For the grade 12 assessment, the scale ranges from 0 to 300. Includes public and private schools. For 1996 and later years, includes students tested with accommodations (1 to 14 percent of all students, depending on grade level and year); excludes only those students with disabilities and English language learners who were unable to be tested even with accommodations (1 to 4 percent of all students). Race categories exclude persons of Hispanic ethnicity.  
SOURCE: U.S. Department of Education, National Center for Education Statistics, National Assessment of Educational Progress (NAEP), 1990, 1992, 1996, 2000, 2003, 2005, 2007, 2009, 2011, 2013, 2015, and 2017 Mathematics Assessments, retrieved March 13, 2018, from the Main NAEP Data Explorer (<http://nces.ed.gov/nationsreportcard/naepdata/>). (This table was prepared March 2018.)

**Table 222.12. Average National Assessment of Educational Progress (NAEP) mathematics scale score and percentage of students attaining NAEP mathematics achievement levels, by selected school and student characteristics and grade: Selected years, 1990 through 2017**

[Standard errors appear in parentheses]

Grade and year	Percent of students in school eligible for free or reduced-price lunch					English language learner (ELL) status			Disability status <sup>1</sup>			Percent of all students attaining mathematics achievement levels					
	Average mathematics scale score <sup>2</sup>				Gap between low-poverty and high-poverty score	Average mathematics scale score <sup>2</sup>		Gap between non-ELL and ELL score	Average mathematics scale score <sup>2</sup>		Gap between non-SD and SD score	Below Basic <sup>3</sup>	At or above Basic <sup>3</sup>				
	0 to 25 percent eligible (low poverty)	26 to 50 percent eligible	51 to 75 percent eligible	76 to 100 percent eligible (high poverty)		ELL	Non-ELL		Identified as student with disability (SD)	Not identified as SD			Total at or above Basic <sup>3</sup>	At Basic <sup>3</sup>	At or above Proficient <sup>4</sup>		
					Total at or above Proficient <sup>4</sup>			At Proficient <sup>4</sup>			At Proficient <sup>4</sup>	At Advanced <sup>5</sup>					
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
<b>Grade 4</b>																	
1990 <sup>6</sup>	— (†)	— (†)	— (†)	— (†)	— (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	50 (1.4)	50 (1.4)	37 (1.5)	13 (1.2)	12 (1.1)	1 (0.4)
1992 <sup>6</sup>	— (†)	— (†)	— (†)	— (†)	— (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	41 (1.0)	59 (1.0)	41 (1.0)	18 (1.0)	16 (1.0)	2 (0.3)
1996	— (†)	— (†)	— (†)	— (†)	— (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	37 (1.3)	63 (1.3)	43 (1.0)	21 (1.1)	19 (0.9)	2 (0.3)
2000	239 (1.2)	227 (1.2)	216 (1.5)	205 (1.2)	34 (1.7)	199 (2.0)	227 (0.8)	28 (2.1)	198 (2.2)	228 (0.9)	30 (2.4)	35 (1.3)	65 (1.3)	42 (1.1)	24 (1.0)	21 (0.9)	3 (0.3)
2003	247 (0.3)	237 (0.3)	229 (0.4)	216 (0.5)	31 (0.6)	214 (0.6)	237 (0.2)	23 (0.6)	214 (0.4)	237 (0.2)	23 (0.4)	23 (0.3)	77 (0.3)	45 (0.3)	32 (0.3)	29 (0.3)	4 (0.1)
2005	250 (0.3)	240 (0.3)	232 (0.3)	220 (0.3)	30 (0.4)	216 (0.5)	240 (0.1)	24 (0.5)	219 (0.4)	240 (0.2)	22 (0.4)	20 (0.2)	80 (0.2)	44 (0.2)	36 (0.2)	31 (0.2)	5 (0.1)
2007	252 (0.3)	242 (0.3)	234 (0.3)	222 (0.4)	30 (0.5)	217 (0.5)	242 (0.2)	25 (0.5)	220 (0.4)	242 (0.2)	22 (0.4)	18 (0.2)	82 (0.2)	43 (0.3)	39 (0.3)	34 (0.3)	6 (0.1)
2009	254 (0.4)	242 (0.4)	234 (0.4)	223 (0.4)	31 (0.6)	218 (0.6)	242 (0.2)	24 (0.7)	221 (0.5)	242 (0.2)	21 (0.5)	18 (0.3)	82 (0.3)	43 (0.2)	39 (0.3)	33 (0.3)	6 (0.2)
2011	255 (0.4)	245 (0.4)	237 (0.3)	226 (0.3)	29 (0.6)	219 (0.5)	243 (0.2)	24 (0.5)	218 (0.4)	244 (0.2)	26 (0.5)	18 (0.2)	82 (0.2)	42 (0.3)	40 (0.3)	34 (0.3)	7 (0.2)
2013	257 (0.4)	246 (0.4)	238 (0.5)	226 (0.5)	31 (0.6)	219 (0.6)	244 (0.2)	25 (0.6)	218 (0.5)	245 (0.2)	26 (0.5)	17 (0.2)	83 (0.2)	41 (0.3)	42 (0.3)	34 (0.3)	8 (0.2)
2015	257 (0.7)	245 (0.5)	237 (0.5)	226 (0.5)	30 (0.8)	218 (0.7)	243 (0.3)	25 (0.8)	218 (0.5)	244 (0.3)	26 (0.5)	18 (0.3)	82 (0.3)	42 (0.3)	40 (0.4)	33 (0.3)	7 (0.2)
2017	257 (0.6)	245 (0.4)	236 (0.5)	225 (0.5)	32 (0.8)	217 (0.7)	243 (0.2)	26 (0.7)	214 (0.4)	243 (0.2)	29 (0.5)	20 (0.3)	80 (0.3)	39 (0.3)	40 (0.4)	32 (0.3)	8 (0.2)
<b>Grade 8</b>																	
1990 <sup>6</sup>	— (†)	— (†)	— (†)	— (†)	— (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	48 (1.4)	52 (1.4)	37 (1.1)	15 (1.1)	13 (1.0)	2 (0.3)
1992 <sup>6</sup>	— (†)	— (†)	— (†)	— (†)	— (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	42 (1.1)	58 (1.1)	37 (0.8)	21 (1.0)	18 (0.8)	3 (0.4)
1996	— (†)	— (†)	— (†)	— (†)	— (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	39 (1.0)	61 (1.0)	38 (0.9)	23 (1.0)	20 (0.9)	4 (0.4)
2000	287 (1.1)	270 (1.4)	260 (1.8)	246 (2.2)	41 (2.4)	234 (2.7)	274 (0.8)	40 (2.8)	230 (2.1)	276 (0.8)	47 (2.3)	37 (0.9)	63 (0.9)	38 (0.7)	26 (0.8)	21 (0.6)	5 (0.4)
2003	291 (0.4)	278 (0.4)	266 (0.7)	251 (0.7)	40 (0.8)	242 (1.0)	279 (0.3)	38 (1.0)	242 (0.6)	282 (0.3)	39 (0.6)	32 (0.3)	68 (0.3)	39 (0.2)	29 (0.3)	23 (0.2)	5 (0.1)
2005	293 (0.4)	280 (0.3)	268 (0.4)	254 (0.6)	38 (0.7)	244 (0.8)	281 (0.2)	37 (0.8)	245 (0.5)	283 (0.2)	38 (0.5)	31 (0.2)	69 (0.2)	39 (0.2)	30 (0.2)	24 (0.2)	6 (0.1)
2007	296 (0.4)	282 (0.4)	271 (0.6)	259 (0.7)	37 (0.8)	246 (0.8)	283 (0.3)	38 (0.8)	246 (0.6)	285 (0.3)	38 (0.7)	29 (0.3)	71 (0.3)	39 (0.2)	32 (0.3)	25 (0.2)	7 (0.2)
2009	298 (0.5)	284 (0.5)	274 (0.7)	260 (0.7)	38 (0.8)	243 (0.9)	285 (0.3)	42 (0.9)	249 (0.5)	287 (0.3)	38 (0.6)	27 (0.3)	73 (0.3)	39 (0.2)	34 (0.3)	26 (0.3)	8 (0.2)
2011	300 (0.5)	287 (0.5)	276 (0.7)	264 (0.7)	36 (0.9)	244 (1.0)	286 (0.2)	42 (1.0)	250 (0.6)	288 (0.2)	38 (0.7)	27 (0.2)	73 (0.2)	39 (0.3)	35 (0.2)	26 (0.2)	8 (0.2)
2013	301 (0.5)	289 (0.5)	277 (0.4)	265 (0.6)	36 (0.8)	246 (0.8)	287 (0.3)	41 (0.8)	249 (0.5)	289 (0.3)	40 (0.6)	26 (0.3)	74 (0.3)	38 (0.3)	35 (0.3)	27 (0.2)	9 (0.2)
2015	301 (0.6)	287 (0.5)	276 (0.7)	264 (0.7)	38 (1.0)	246 (0.8)	284 (0.3)	38 (0.8)	247 (0.5)	287 (0.3)	40 (0.6)	29 (0.3)	71 (0.3)	38 (0.3)	33 (0.3)	25 (0.3)	8 (0.2)
2017	302 (0.7)	287 (0.6)	275 (0.6)	262 (0.5)	39 (0.9)	246 (0.8)	285 (0.3)	40 (0.9)	247 (0.5)	288 (0.3)	41 (0.6)	30 (0.3)	70 (0.3)	36 (0.3)	34 (0.3)	24 (0.3)	10 (0.2)
<b>Grade 12</b>																	
1990 <sup>6</sup>	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)
1992 <sup>6</sup>	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)
1996	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)
2000	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)
2003	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)
2005	158 (1.0)	147 (1.0)	136 (1.3)	122 (2.7)	36 (2.8)	120 (2.5)	151 (0.6)	31 (2.5)	114 (1.8)	153 (0.6)	39 (1.9)	39 (0.8)	61 (0.8)	38 (0.6)	23 (0.7)	21 (0.6)	2 (0.2)
2007	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)
2009	166 (1.3)	150 (0.7)	140 (1.2)	130 (1.7)	36 (2.1)	117 (1.7)	154 (0.7)	38 (1.9)	120 (1.2)	156 (0.7)	36 (1.4)	36 (0.8)	64 (0.8)	38 (0.5)	26 (0.8)	23 (0.6)	3 (0.3)
2011	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)
2013	169 (1.0)	155 (0.6)	143 (1.0)	134 (1.2)	35 (1.6)	109 (1.7)	155 (0.5)	46 (1.8)	119 (1.0)	157 (0.5)	38 (1.2)	35 (0.7)	65 (0.7)	39 (0.5)	26 (0.6)	23 (0.5)	3 (0.2)
2015	164 (1.2)	154 (1.0)	145 (1.2)	129 (1.4)	36 (1.8)	115 (2.5)	153 (0.6)	37 (2.5)	118 (1.6)	155 (0.5)	37 (1.7)	38 (0.8)	62 (0.8)	37 (0.7)	25 (0.7)	22 (0.6)	3 (0.2)
2017	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)

—Not available.

†Not applicable.

‡Reporting standards not met. Either there are too few cases for a reliable estimate or the coefficient of variation (CV) is 50 percent or greater.

<sup>1</sup>The student with disability (SD) variable used in this table includes students who have a 504 plan, even if they do not have an Individualized Education Plan (IEP).

<sup>2</sup>For the grade 4 and grade 8 assessments, the scale ranges from 0 to 500. For the grade 12 assessment, the scale ranges from 0 to 300.

<sup>3</sup>Basic denotes partial mastery of the knowledge and skills that are fundamental for proficient work at a given grade.

<sup>4</sup>Proficient represents solid academic performance. Students reaching this level have demonstrated competency over challenging subject matter.

<sup>5</sup>Advanced signifies superior performance.

<sup>6</sup>Accommodations were not permitted for this assessment.

<sup>7</sup>Because of major changes to the framework and content of the grade 12 assessment, results from 2005 and later assessment years cannot be compared with results from earlier assessment years. Therefore, this table does not include results from the earlier grade 12 assessment years (1990, 1992, 1996, and 2000). For data pertaining to comparisons between earlier years, see the *Digest of Education Statistics 2009*, table 138 ([http://nces.ed.gov/programs/digest/d09/tables/dt09\\_138.asp](http://nces.ed.gov/programs/digest/d09/tables/dt09_138.asp)). NOTE: Includes public and private schools. For 1996 and later years, includes students tested with accommodations (1 to 14 percent of all students, depending on grade level and year); excludes only those students with disabilities and English language learners who were unable to be tested even with accommodations (1 to 4 percent of all students).

SOURCE: U.S. Department of Education, National Center for Education Statistics, National Assessment of Educational Progress (NAEP), 1990, 1992, 1996, 2000, 2003, 2005, 2007, 2009, 2011, 2013, 2015, and 2017 Mathematics Assessments, retrieved March 13, 2018, from the Main NAEP Data Explorer (<http://nces.ed.gov/nationsreportcard/naepdata/>). (This table was prepared March 2018.)

**Table 222.20. Percentage of students at or above selected National Assessment of Educational Progress (NAEP) mathematics achievement levels, by grade and selected student characteristics: Selected years, 2003 through 2017**

[Standard errors appear in parentheses]

Grade and selected student characteristic	2003		2005		2007		2009		2011		2013		2015		2017	
	At or above Basic <sup>1</sup>	At or above Proficient <sup>2</sup>	At or above Basic <sup>1</sup>	At or above Proficient <sup>2</sup>	At or above Basic <sup>1</sup>	At or above Proficient <sup>2</sup>	At or above Basic <sup>1</sup>	At or above Proficient <sup>2</sup>	At or above Basic <sup>1</sup>	At or above Proficient <sup>2</sup>	At or above Basic <sup>1</sup>	At or above Proficient <sup>2</sup>	At or above Basic <sup>1</sup>	At or above Proficient <sup>2</sup>	At or above Basic <sup>1</sup>	At or above Proficient <sup>2</sup>
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
<b>4th grade, all students</b>	<b>77 (0.3)</b>	<b>32 (0.3)</b>	<b>80 (0.2)</b>	<b>36 (0.2)</b>	<b>82 (0.2)</b>	<b>39 (0.3)</b>	<b>82 (0.3)</b>	<b>39 (0.3)</b>	<b>82 (0.2)</b>	<b>40 (0.3)</b>	<b>83 (0.2)</b>	<b>42 (0.3)</b>	<b>82 (0.3)</b>	<b>40 (0.4)</b>	<b>80 (0.3)</b>	<b>40 (0.4)</b>
Sex																
Male	78 (0.4)	35 (0.4)	81 (0.2)	38 (0.2)	82 (0.2)	41 (0.3)	82 (0.3)	41 (0.4)	83 (0.3)	42 (0.4)	82 (0.3)	43 (0.4)	82 (0.4)	42 (0.5)	80 (0.4)	42 (0.4)
Female	76 (0.3)	30 (0.3)	80 (0.2)	34 (0.3)	82 (0.2)	37 (0.4)	82 (0.3)	37 (0.4)	82 (0.3)	39 (0.4)	83 (0.2)	41 (0.4)	82 (0.3)	38 (0.5)	80 (0.3)	38 (0.4)
Race/ethnicity																
White	87 (0.2)	43 (0.3)	90 (0.2)	47 (0.2)	91 (0.2)	51 (0.4)	91 (0.2)	51 (0.4)	91 (0.2)	52 (0.4)	91 (0.2)	54 (0.4)	90 (0.3)	51 (0.5)	88 (0.3)	51 (0.4)
Black	54 (0.6)	10 (0.3)	60 (0.5)	13 (0.3)	64 (0.6)	15 (0.4)	64 (0.6)	16 (0.5)	66 (0.6)	17 (0.5)	66 (0.6)	18 (0.5)	65 (0.7)	19 (0.6)	63 (0.8)	19 (0.6)
Hispanic	62 (0.7)	16 (0.5)	68 (0.5)	19 (0.3)	70 (0.5)	22 (0.4)	71 (0.7)	22 (0.4)	72 (0.5)	24 (0.5)	73 (0.7)	26 (0.6)	73 (0.6)	26 (0.7)	71 (0.5)	26 (0.6)
Asian/Pacific Islander	87 (0.8)	48 (1.9)	90 (0.5)	55 (1.1)	91 (0.7)	58 (1.3)	92 (0.6)	60 (1.5)	91 (0.6)	62 (1.6)	91 (0.6)	64 (1.2)	91 (0.8)	62 (1.7)	90 (0.8)	64 (1.4)
Asian	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	93 (0.5)	64 (1.6)	92 (0.6)	66 (1.2)	93 (0.7)	65 (1.7)	92 (0.7)	67 (1.4)
Pacific Islander	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	77 (2.7)	34 (3.2)	77 (3.1)	33 (3.2)	68 (4.0)	30 (2.8)	71 (3.7)	29 (3.5)
American Indian/Alaska Native	64 (1.7)	17 (1.2)	68 (1.5)	21 (1.2)	70 (1.2)	25 (1.1)	66 (1.6)	21 (1.2)	66 (1.2)	22 (1.2)	68 (1.7)	23 (1.4)	69 (1.8)	23 (1.7)	69 (2.0)	24 (1.9)
Two or more races	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	87 (0.7)	45 (1.2)	85 (1.0)	46 (1.4)	86 (0.9)	45 (1.3)	85 (0.9)	45 (1.3)
Eligibility for free or reduced-price lunch																
Eligible	62 (0.5)	15 (0.3)	67 (0.3)	19 (0.2)	70 (0.4)	22 (0.3)	70 (0.4)	22 (0.3)	72 (0.3)	24 (0.3)	73 (0.4)	25 (0.4)	72 (0.4)	24 (0.4)	69 (0.4)	25 (0.3)
Not eligible	88 (0.3)	45 (0.4)	90 (0.2)	49 (0.3)	91 (0.2)	53 (0.4)	91 (0.3)	54 (0.4)	92 (0.2)	57 (0.4)	93 (0.2)	59 (0.4)	92 (0.3)	58 (0.6)	91 (0.3)	57 (0.5)
Unknown	84 (0.9)	41 (1.2)	87 (0.7)	45 (1.2)	90 (0.9)	48 (1.5)	88 (1.3)	47 (1.7)	90 (0.8)	52 (1.4)	90 (1.0)	52 (2.2)	89 (1.2)	50 (1.7)	87 (1.1)	49 (1.7)
<b>8th grade, all students</b>	<b>68 (0.3)</b>	<b>29 (0.3)</b>	<b>69 (0.2)</b>	<b>30 (0.2)</b>	<b>71 (0.3)</b>	<b>32 (0.3)</b>	<b>73 (0.3)</b>	<b>34 (0.3)</b>	<b>73 (0.2)</b>	<b>35 (0.2)</b>	<b>74 (0.3)</b>	<b>35 (0.3)</b>	<b>71 (0.3)</b>	<b>33 (0.3)</b>	<b>70 (0.3)</b>	<b>34 (0.3)</b>
Sex																
Male	69 (0.4)	30 (0.4)	70 (0.3)	31 (0.3)	72 (0.3)	34 (0.4)	73 (0.3)	36 (0.4)	73 (0.4)	36 (0.3)	74 (0.3)	36 (0.4)	71 (0.4)	34 (0.4)	70 (0.3)	35 (0.4)
Female	67 (0.4)	27 (0.3)	69 (0.3)	28 (0.3)	71 (0.3)	30 (0.3)	72 (0.4)	32 (0.4)	73 (0.2)	34 (0.3)	74 (0.4)	35 (0.4)	72 (0.4)	33 (0.4)	70 (0.3)	33 (0.5)
Race/ethnicity																
White	80 (0.3)	37 (0.4)	80 (0.2)	39 (0.3)	82 (0.3)	42 (0.3)	83 (0.3)	44 (0.4)	84 (0.3)	44 (0.3)	84 (0.2)	45 (0.4)	82 (0.3)	43 (0.4)	80 (0.3)	44 (0.4)
Black	39 (0.8)	7 (0.3)	42 (0.5)	9 (0.3)	47 (0.7)	11 (0.3)	50 (0.6)	12 (0.5)	51 (0.6)	13 (0.4)	52 (0.7)	14 (0.5)	48 (0.9)	13 (0.5)	47 (0.7)	13 (0.5)
Hispanic	48 (0.8)	12 (0.5)	52 (0.6)	13 (0.4)	55 (0.7)	15 (0.4)	57 (0.8)	17 (0.6)	61 (0.7)	20 (0.6)	62 (0.6)	21 (0.5)	60 (0.7)	19 (0.6)	57 (0.7)	20 (0.5)
Asian/Pacific Islander	78 (1.1)	43 (1.3)	81 (0.8)	47 (1.2)	83 (0.8)	50 (1.1)	85 (1.0)	54 (1.8)	86 (1.0)	55 (1.2)	87 (0.8)	60 (1.3)	87 (0.9)	59 (1.7)	87 (0.9)	62 (1.5)
Asian	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	88 (0.9)	58 (1.3)	89 (0.8)	63 (1.3)	88 (0.9)	61 (1.7)	88 (0.9)	64 (1.6)
Pacific Islander	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	59 (4.7)	22 (1.9)	67 (3.5)	24 (2.9)	63 (4.2)	29 (3.9)	64 (2.8)	25 (3.3)
American Indian/Alaska Native	52 (2.7)	15 (1.7)	53 (1.3)	14 (1.2)	53 (1.8)	16 (1.2)	56 (1.5)	18 (1.3)	55 (1.5)	17 (1.2)	59 (1.7)	21 (1.5)	57 (1.8)	20 (1.7)	56 (1.6)	18 (1.8)
Two or more races	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	78 (1.1)	39 (1.7)	76 (1.2)	38 (1.4)	74 (1.5)	36 (1.3)	73 (1.3)	37 (1.4)
Eligibility for free or reduced-price lunch																
Eligible	48 (0.5)	12 (0.4)	51 (0.4)	13 (0.2)	55 (0.5)	15 (0.3)	57 (0.5)	17 (0.3)	59 (0.4)	19 (0.3)	60 (0.4)	20 (0.3)	58 (0.4)	18 (0.3)	55 (0.4)	18 (0.3)
Not eligible	79 (0.3)	37 (0.4)	79 (0.2)	39 (0.3)	81 (0.3)	42 (0.4)	83 (0.3)	45 (0.4)	84 (0.2)	47 (0.4)	86 (0.3)	49 (0.4)	84 (0.3)	48 (0.5)	82 (0.3)	48 (0.4)
Unknown	75 (1.1)	36 (1.2)	79 (1.1)	40 (1.4)	81 (1.7)	43 (1.7)	83 (1.3)	48 (1.9)	85 (0.9)	48 (1.5)	84 (1.3)	50 (2.6)	81 (1.5)	46 (1.9)	83 (1.1)	47 (1.8)
<b>12th grade, all students</b>	<b>— (†)</b>	<b>— (†)</b>	<b>61 (0.8)</b>	<b>23 (0.7)</b>	<b>— (†)</b>	<b>— (†)</b>	<b>64 (0.8)</b>	<b>26 (0.8)</b>	<b>— (†)</b>	<b>— (†)</b>	<b>65 (0.7)</b>	<b>26 (0.6)</b>	<b>62 (0.8)</b>	<b>25 (0.7)</b>	<b>— (†)</b>	<b>— (†)</b>
Sex																
Male	— (†)	— (†)	62 (0.9)	25 (1.0)	— (†)	— (†)	65 (0.9)	28 (1.0)	— (†)	— (†)	66 (0.8)	28 (0.8)	63 (1.0)	26 (0.7)	— (†)	— (†)
Female	— (†)	— (†)	60 (1.0)	21 (0.8)	— (†)	— (†)	63 (0.8)	24 (0.8)	— (†)	— (†)	64 (0.9)	24 (0.7)	61 (0.9)	23 (0.7)	— (†)	— (†)
Race/ethnicity																
White	— (†)	— (†)	70 (0.8)	29 (0.8)	— (†)	— (†)	75 (0.7)	33 (0.8)	— (†)	— (†)	75 (0.8)	33 (0.8)	73 (0.9)	32 (0.9)	— (†)	— (†)
Black	— (†)	— (†)	30 (1.7)	6 (0.8)	— (†)	— (†)	37 (1.2)	6 (0.6)	— (†)	— (†)	38 (1.5)	7 (0.6)	36 (1.6)	7 (0.7)	— (†)	— (†)
Hispanic	— (†)	— (†)	40 (2.1)	8 (1.0)	— (†)	— (†)	45 (1.1)	11 (0.8)	— (†)	— (†)	50 (1.3)	12 (0.7)	47 (1.3)	12 (0.7)	— (†)	— (†)
Asian/Pacific Islander	— (†)	— (†)	73 (2.6)	36 (3.0)	— (†)	— (†)	84 (1.9)	52 (3.4)	— (†)	— (†)	81 (1.4)	47 (2.0)	78 (2.1)	46 (2.6)	— (†)	— (†)
Asian	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	83 (1.5)	49 (2.0)	79 (2.0)	47 (2.5)	— (†)	— (†)
Pacific Islander	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	65 (7.3)	16 (6.0)	± (†)	± (†)	— (†)	— (†)
American Indian/Alaska Native	— (†)	— (†)	42 (8.6)	6 (2.9)	— (†)	— (†)	56 (5.4)	12 (3.3)	— (†)	— (†)	54 (5.8)	12 (4.0)	46 (4.6)	10 (3.3)	— (†)	— (†)
Two or more races	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	67 (3.0)	26 (2.7)	67 (3.2)	31 (3.1)	— (†)	— (†)

—Not available.

†Not applicable.

±Reporting standards not met (too few cases for a reliable estimate).

<sup>1</sup>Basic denotes partial mastery of the knowledge and skills that are fundamental for proficient work at a given grade.

<sup>2</sup>Proficient represents solid academic performance. Students reaching this level have demonstrated competency over challenging subject matter.

NOTE: Includes public and private schools. Includes students tested with accommodations (1 to 14 percent of all students,

depending on grade level and year); excludes only those students with disabilities and English language learners who were unable to be tested even with accommodations (1 to 4 percent of all students). Race categories exclude persons of Hispanic ethnicity. Prior to 2011, separate data for Asian students, Pacific Islander students, and students of Two or more races were not collected.

SOURCE: U.S. Department of Education, National Center for Education Statistics, National Assessment of Educational Progress (NAEP), 2003, 2005, 2007, 2009, 2011, 2013, 2015, and 2017 Mathematics Assessments, retrieved July 2, 2018, from the Main NAEP Data Explorer (<http://nces.ed.gov/nationsreportcard/naepdata/>). (This table was prepared July 2018.)

**Table 222.32. Average National Assessment of Educational Progress (NAEP) mathematics scale score and percentage distribution of 4th- and 8th-graders in traditional public, public charter, and private schools, by selected characteristics: 2017**  
[Standard errors appear in parentheses]

Selected characteristic	Public schools, grade 4			Public schools, grade 8			Private schools, grade 4 <sup>1</sup>	Private schools, grade 8 <sup>1</sup>
	Total	Traditional public	Public charter	Total	Traditional public	Public charter		
1	2	3	4	5	6	7	8	9
Average scale score <sup>2</sup>								
<b>All students</b> .....	<b>239 (0.2)</b>	<b>239 (0.2)</b>	<b>236 (1.6)</b>	<b>282 (0.3)</b>	<b>282 (0.3)</b>	<b>282 (1.9)</b>	<b>246 (0.9)</b>	<b>293 (1.3)</b>
<b>Sex</b>								
Male .....	240 (0.3)	240 (0.3)	238 (1.6)	282 (0.3)	282 (0.3)	282 (2.1)	248 (1.2)	295 (1.6)
Female .....	238 (0.2)	238 (0.3)	234 (1.8)	282 (0.3)	282 (0.4)	282 (2.1)	245 (1.2)	291 (1.5)
<b>Race/ethnicity</b>								
White .....	248 (0.2)	248 (0.2)	250 (1.6)	292 (0.3)	292 (0.3)	299 (2.2)	251 (0.9)	297 (1.4)
Black .....	223 (0.5)	223 (0.5)	224 (2.0)	260 (0.5)	259 (0.5)	262 (1.7)	226 (2.3)	273 (3.7)
Hispanic .....	229 (0.4)	229 (0.5)	231 (4.1)	268 (0.5)	268 (0.5)	276 (2.8)	234 (2.1)	281 (2.4)
Asian .....	260 (1.1)	261 (1.1)	254 (4.8)	312 (1.5)	312 (1.6)	308 (4.8)	258 (2.4)	310 (4.4)
Pacific Islander .....	228 (2.6)	228 (2.7)	† (†)	272 (2.1)	271 (2.3)	293 (6.0)	† (†)	† (†)
American Indian/Alaska Native .....	228 (1.3)	228 (1.3)	231 (12.3)	268 (1.5)	268 (1.5)	† (†)	† (†)	† (†)
Two or more races .....	244 (0.8)	244 (0.8)	239 (3.3)	285 (1.1)	285 (1.3)	294 (6.6)	253 (3.2)	302 (3.7)
<b>English language learner (ELL) status</b>								
ELL .....	217 (0.7)	216 (0.7)	219 (5.3)	245 (0.8)	245 (0.8)	253 (5.2)	216 (4.3)	† (†)
Non-ELL .....	242 (0.2)	242 (0.3)	238 (1.4)	284 (0.3)	284 (0.3)	284 (1.9)	247 (0.9)	294 (1.3)
<b>Disability status<sup>3</sup></b>								
Identified as student with disability (SD) .....	214 (0.4)	214 (0.4)	209 (2.4)	246 (0.4)	246 (0.5)	248 (2.6)	222 (4.0)	263 (5.5)
Not identified as SD .....	243 (0.3)	243 (0.3)	240 (1.5)	287 (0.3)	287 (0.3)	287 (1.9)	247 (0.9)	296 (1.3)
<b>Percent of students in school eligible for free or reduced-price lunch</b>								
0 to 25 percent eligible .....	257 (0.6)	257 (0.6)	256 (2.4)	302 (0.7)	302 (0.8)	309 (3.7)	252 (1.9)	295 (2.2)
26 to 50 percent eligible .....	245 (0.4)	245 (0.4)	243 (1.4)	287 (0.6)	287 (0.5)	291 (4.8)	241 (2.6)	276 (4.9)
51 to 75 percent eligible .....	236 (0.5)	236 (0.5)	235 (2.4)	275 (0.6)	275 (0.6)	277 (2.2)	† (†)	† (†)
76 to 100 percent eligible .....	225 (0.5)	225 (0.5)	223 (2.8)	262 (0.5)	262 (0.6)	265 (2.2)	215 (3.0)	268 (5.4)
<b>School locale</b>								
City .....	234 (0.5)	234 (0.5)	231 (2.1)	277 (0.5)	277 (0.6)	274 (2.1)	247 (1.5)	292 (1.8)
Suburban .....	243 (0.4)	243 (0.4)	240 (3.4)	287 (0.4)	287 (0.5)	292 (3.8)	248 (1.7)	296 (1.8)
Town .....	237 (0.7)	237 (0.7)	231 (5.2)	278 (0.8)	277 (0.7)	295 (4.2)	245 (2.5)	288 (3.5)
Rural .....	240 (0.6)	240 (0.6)	250 (3.4)	282 (0.6)	282 (0.6)	284 (4.6)	241 (3.1)	288 (5.1)
Percentage distribution								
<b>All students</b> .....	<b>100 (†)</b>	<b>100 (†)</b>	<b>100 (†)</b>	<b>100 (†)</b>	<b>100 (†)</b>	<b>100 (†)</b>	<b>100 (†)</b>	<b>100 (†)</b>
<b>Sex</b>								
Male .....	51 (0.1)	51 (0.1)	50 (0.8)	51 (0.1)	51 (0.1)	50 (1.0)	49 (1.3)	49 (1.3)
Female .....	49 (0.1)	49 (0.1)	50 (0.8)	49 (0.1)	49 (0.1)	50 (1.0)	51 (1.3)	51 (1.3)
<b>Race/ethnicity</b>								
White .....	47 (0.3)	48 (0.3)	33 (2.7)	50 (0.3)	51 (0.3)	32 (2.8)	62 (1.8)	67 (1.8)
Black .....	15 (0.2)	15 (0.2)	32 (2.9)	15 (0.3)	14 (0.3)	27 (2.4)	10 (1.3)	10 (1.3)
Hispanic .....	27 (0.3)	27 (0.3)	26 (3.5)	25 (0.3)	25 (0.3)	32 (2.8)	16 (1.4)	13 (1.0)
Asian .....	5 (0.3)	5 (0.3)	5 (0.9)	5 (0.2)	5 (0.2)	6 (0.8)	7 (0.8)	6 (0.9)
Pacific Islander .....	# (†)	# (†)	# (†)	# (†)	# (†)	1 (0.1)	# (0.2)	# (0.1)
American Indian/Alaska Native .....	1 (#)	1 (#)	1 (0.3)	1 (#)	1 (#)	# (†)	# (0.1)	1 (0.3)
Two or more races .....	4 (0.1)	4 (0.1)	4 (0.6)	3 (0.1)	3 (0.1)	2 (0.5)	5 (0.5)	4 (0.6)
<b>English language learner (ELL) status</b>								
ELL .....	12 (0.2)	12 (0.2)	11 (2.1)	6 (0.2)	6 (0.2)	8 (1.1)	2 (0.5)	1 (0.4)
Non-ELL .....	88 (0.2)	88 (0.2)	89 (2.1)	94 (0.2)	94 (0.2)	92 (1.1)	98 (0.5)	99 (0.4)
<b>Disability status<sup>3</sup></b>								
Identified as student with disability (SD) .....	13 (0.1)	13 (0.1)	12 (0.8)	13 (0.1)	13 (0.1)	12 (0.7)	5 (0.5)	7 (0.9)
Not identified as SD .....	87 (0.1)	87 (0.1)	88 (0.8)	87 (0.1)	87 (0.1)	88 (0.7)	95 (0.5)	93 (0.9)
<b>Percent of students in school eligible for free or reduced-price lunch</b>								
0 to 25 percent eligible .....	19 (0.7)	20 (0.7)	13 (2.5)	22 (0.8)	22 (0.8)	17 (4.5)	55 (5.2)	65 (5.8)
26 to 50 percent eligible .....	24 (0.9)	24 (0.9)	20 (5.3)	30 (0.8)	30 (0.9)	23 (4.9)	24 (4.7)	17 (4.7)
51 to 75 percent eligible .....	24 (0.8)	24 (0.8)	18 (3.8)	24 (0.8)	24 (0.8)	15 (2.8)	6 (2.7)	2 (1.5)
76 to 100 percent eligible .....	33 (0.8)	33 (0.8)	49 (5.5)	25 (0.6)	24 (0.7)	45 (5.0)	15 (4.4)	16 (4.3)
<b>School locale</b>								
City .....	30 (0.3)	29 (0.4)	53 (4.5)	29 (0.3)	27 (0.4)	53 (4.2)	40 (1.8)	40 (1.6)
Suburban .....	40 (0.4)	40 (0.4)	34 (4.2)	41 (0.3)	41 (0.5)	32 (3.9)	42 (1.9)	41 (2.2)
Town .....	11 (0.3)	11 (0.3)	3 (1.0)	11 (0.4)	12 (0.3)	6 (2.9)	8 (1.0)	8 (1.6)
Rural .....	19 (0.4)	19 (0.4)	11 (2.4)	19 (0.3)	20 (0.3)	10 (2.2)	10 (1.2)	10 (1.1)

†Not applicable.

#Rounds to zero.

‡Reporting standards not met (too few cases for a reliable estimate).

<sup>1</sup>Results are for private schools overall, including Catholic and other (non-Catholic) private schools. In the 2017 NAEP Nations Report Card, results for private schools overall and for non-Catholic private schools were suppressed because these schools did not meet NAEP statistical and reporting standards requiring a school response rate of at least 70 percent. Response rates for private schools overall were 61 percent at grade 4 and 60 percent at grade 8. (Within the private school sector, response rates for Catholic schools were 89 percent at grade 4 and 86 percent at grade 8, while response rates for non-Catholic private schools were 41 percent at grade 4 and 39 percent at grade 8.) Please interpret these data with caution.

<sup>2</sup>Scale ranges from 0 to 500.

<sup>3</sup>The student with disability (SD) variable used in this table includes students who have a 504 plan, even if they do not have an Individualized Education Plan (IEP).

NOTE: Includes students tested with accommodations (12 percent of all 4th-graders and 12 percent of all 8th-graders); excludes only those students with disabilities and English language learners who were unable to be tested even with accommodations (2 percent of all students at both grades). Race categories exclude persons of Hispanic ethnicity. Detail may not sum to totals because of rounding.

SOURCE: U.S. Department of Education, National Center for Education Statistics, National Assessment of Educational Progress (NAEP), 2017 Mathematics Assessment, retrieved January 8, 2018, from the Main NAEP Data Explorer (<http://nces.ed.gov/nationsreportcard/naepdata/>); and unpublished tabulations. (This table was prepared May 2018.)

**Table 222.35. Average National Assessment of Educational Progress (NAEP) mathematics scale score and percentage distribution of 12th-graders, by frequency of experiencing various attitudes in math class and selected student characteristics: 2015**

[Standard errors appear in parentheses]

Student characteristic	Math work is engaging and interesting				Math work is challenging				Math work is too easy			
	Never or hardly ever	Sometimes	Often	Always/ almost always	Never or hardly ever	Sometimes	Often	Always/ almost always	Never or hardly ever	Sometimes	Often	Always/ almost always
1	2	3	4	5	6	7	8	9	10	11	12	13
Average scale score <sup>1</sup>												
<b>All students</b> .....	<b>143 (0.9)</b>	<b>152 (0.8)</b>	<b>162 (0.9)</b>	<b>165 (1.7)</b>	<b>155 (1.5)</b>	<b>153 (0.9)</b>	<b>156 (0.9)</b>	<b>152 (1.1)</b>	<b>154 (0.8)</b>	<b>153 (0.9)</b>	<b>156 (1.4)</b>	<b>158 (1.9)</b>
Sex												
Male .....	146 (1.2)	152 (1.1)	163 (1.1)	169 (2.2)	158 (1.8)	156 (1.2)	157 (1.2)	155 (1.8)	157 (1.1)	154 (1.1)	159 (1.4)	161 (2.0)
Female .....	140 (1.2)	152 (0.8)	162 (1.1)	161 (2.2)	150 (2.4)	150 (1.0)	155 (1.1)	151 (1.3)	153 (1.0)	152 (1.0)	152 (1.7)	152 (2.6)
Race/ethnicity												
White .....	150 (1.2)	161 (0.9)	173 (1.1)	178 (2.1)	161 (1.9)	162 (1.1)	165 (1.0)	164 (1.3)	162 (1.1)	164 (1.1)	166 (1.4)	164 (2.2)
Black .....	126 (2.0)	130 (1.6)	135 (1.8)	136 (3.6)	133 (3.6)	130 (1.5)	132 (2.0)	131 (2.4)	135 (2.1)	128 (1.5)	132 (2.4)	135 (3.7)
Hispanic .....	131 (1.6)	140 (1.4)	145 (1.2)	151 (2.5)	139 (3.5)	142 (1.3)	142 (1.4)	137 (1.8)	140 (1.6)	139 (1.2)	145 (1.7)	146 (3.5)
Asian .....	158 (3.8)	169 (3.5)	184 (2.1)	184 (4.1)	† (†)	173 (3.7)	177 (3.0)	172 (4.7)	178 (2.9)	174 (3.1)	171 (4.4)	† (†)
Pacific Islander .....	† (†)	† (†)	† (†)	† (†)	† (†)	† (†)	† (†)	† (†)	† (†)	† (†)	† (†)	† (†)
American Indian/Alaska Native .....	† (†)	† (†)	† (†)	† (†)	† (†)	† (†)	† (†)	† (†)	† (†)	† (†)	† (†)	† (†)
Two or more races .....	149 (4.1)	160 (3.9)	† (†)	† (†)	† (†)	166 (4.4)	159 (3.7)	† (†)	159 (3.4)	159 (3.3)	† (†)	† (†)
Eligibility for free or reduced-price lunch												
Eligible .....	130 (1.4)	137 (1.1)	144 (1.4)	147 (2.3)	139 (2.4)	140 (1.1)	139 (1.4)	134 (1.4)	137 (1.2)	137 (0.9)	143 (1.5)	144 (2.6)
Not eligible .....	150 (1.1)	161 (0.9)	172 (1.2)	178 (2.4)	161 (1.9)	161 (1.2)	165 (1.1)	162 (1.4)	161 (1.2)	164 (1.2)	164 (1.6)	166 (2.7)
Unknown .....	158 (3.7)	166 (2.3)	181 (2.4)	185 (4.5)	† (†)	172 (2.6)	170 (2.9)	172 (2.6)	170 (2.1)	169 (3.5)	177 (4.3)	† (†)
Highest education level of either parent <sup>2</sup>												
Did not finish high school .....	128 (1.7)	134 (1.8)	141 (1.9)	136 (5.0)	† (†)	135 (1.7)	136 (2.4)	130 (2.1)	135 (1.8)	133 (1.8)	139 (2.1)	† (†)
Graduated high school .....	130 (1.8)	139 (1.7)	146 (2.0)	151 (3.1)	145 (3.9)	141 (1.6)	141 (1.4)	137 (2.4)	140 (1.9)	139 (1.2)	142 (2.2)	148 (3.9)
Some education after high school .....	141 (1.5)	150 (1.2)	158 (1.6)	159 (2.7)	153 (2.9)	150 (1.4)	152 (1.4)	149 (1.9)	148 (1.6)	150 (1.3)	155 (1.7)	156 (2.8)
Graduated college .....	153 (1.3)	163 (0.9)	174 (1.1)	180 (2.0)	166 (2.1)	164 (1.2)	167 (1.1)	165 (1.4)	165 (1.0)	165 (1.2)	167 (1.7)	169 (2.4)
Percentage distribution of students												
<b>All students</b> .....	<b>25 (0.5)</b>	<b>36 (0.5)</b>	<b>28 (0.5)</b>	<b>12 (0.4)</b>	<b>7 (0.3)</b>	<b>35 (0.6)</b>	<b>37 (0.6)</b>	<b>20 (0.5)</b>	<b>31 (0.6)</b>	<b>48 (0.5)</b>	<b>16 (0.4)</b>	<b>6 (0.3)</b>
Sex												
Male .....	24 (0.6)	34 (0.6)	30 (0.7)	13 (0.6)	8 (0.4)	37 (0.6)	38 (0.7)	18 (0.6)	26 (0.7)	49 (0.7)	18 (0.5)	7 (0.5)
Female .....	26 (0.7)	38 (0.8)	26 (0.6)	11 (0.5)	6 (0.4)	34 (0.9)	36 (0.8)	23 (0.7)	35 (0.9)	46 (0.8)	13 (0.6)	5 (0.3)
Race/ethnicity												
White .....	26 (0.7)	35 (0.7)	28 (0.7)	11 (0.5)	8 (0.5)	35 (0.8)	38 (0.9)	19 (0.7)	33 (0.8)	46 (0.8)	15 (0.5)	6 (0.5)
Black .....	25 (1.2)	38 (1.3)	24 (1.1)	13 (0.9)	6 (0.7)	38 (1.3)	33 (1.1)	23 (1.0)	30 (1.2)	48 (1.3)	16 (1.0)	6 (0.6)
Hispanic .....	23 (0.9)	37 (1.0)	28 (0.9)	13 (0.8)	5 (0.5)	36 (1.0)	38 (1.1)	22 (0.9)	27 (1.1)	50 (1.0)	18 (1.1)	5 (0.5)
Asian .....	13 (1.4)	36 (1.7)	34 (1.9)	17 (1.7)	6 (1.1)	37 (2.2)	35 (2.7)	22 (1.8)	23 (2.4)	51 (2.9)	18 (2.6)	8 (1.4)
Pacific Islander .....	† (†)	† (†)	† (†)	† (†)	† (†)	† (†)	† (†)	† (†)	† (†)	† (†)	† (†)	† (†)
American Indian/Alaska Native .....	21 (5.5)	32 (5.3)	39 (6.5)	8 (3.4)	9 (4.3)	23 (4.6)	41 (4.8)	27 (8.0)	25 (4.3)	58 (4.7)	15 (3.2)	2 (1.5)
Two or more races .....	33 (3.0)	37 (3.1)	21 (2.2)	10 (2.1)	8 (1.7)	33 (3.9)	42 (4.0)	17 (2.6)	36 (4.1)	45 (3.8)	13 (2.8)	6 (1.5)
Eligibility for free or reduced-price lunch												
Eligible .....	24 (0.8)	36 (0.7)	26 (0.7)	13 (0.6)	6 (0.5)	39 (0.9)	35 (0.9)	20 (0.7)	26 (0.8)	51 (0.7)	17 (0.7)	6 (0.5)
Not eligible .....	25 (0.7)	36 (0.7)	28 (0.7)	11 (0.5)	8 (0.4)	34 (0.8)	38 (0.8)	20 (0.7)	33 (0.9)	46 (0.9)	15 (0.6)	6 (0.4)
Unknown .....	23 (1.8)	34 (2.2)	31 (1.7)	12 (1.3)	5 (0.9)	29 (1.5)	44 (1.6)	22 (1.4)	38 (2.0)	43 (1.9)	13 (1.5)	5 (0.8)
Highest education level of either parent <sup>2</sup>												
Did not finish high school .....	23 (1.5)	37 (1.7)	26 (1.5)	15 (1.4)	5 (0.8)	36 (1.9)	36 (1.8)	23 (1.6)	26 (1.4)	50 (1.7)	19 (1.5)	6 (0.8)
Graduated high school .....	24 (1.2)	37 (1.3)	27 (1.2)	12 (1.0)	8 (1.0)	38 (1.5)	35 (1.4)	19 (1.1)	26 (1.2)	50 (1.0)	17 (0.9)	7 (0.9)
Some education after high school .....	25 (1.2)	38 (1.3)	25 (1.2)	12 (0.8)	8 (0.7)	38 (1.0)	36 (1.0)	18 (0.9)	29 (1.1)	47 (1.3)	17 (0.9)	7 (0.7)
Graduated college .....	24 (0.7)	35 (0.7)	30 (0.8)	12 (0.6)	6 (0.3)	34 (0.7)	38 (0.7)	21 (0.6)	33 (0.9)	46 (0.9)	15 (0.6)	6 (0.3)

†Not applicable.

‡Reporting standards not met (too few cases for a reliable estimate).

<sup>1</sup>Scale ranges from 0 to 300.

<sup>2</sup>Based on student reports. The category of students whose parents have an unknown level of education is not shown, although data for these students is included in table totals.

NOTE: Includes public and private schools. Includes students tested with accommodations (9 percent of all 12th-grade students); excludes only those students with disabilities and English language learners who were unable to be tested even

with accommodations (2 percent of all 12th-grade students). Race categories exclude persons of Hispanic ethnicity. Detail may not sum to totals because of rounding.

SOURCE: U.S. Department of Education, National Center for Education Statistics, National Assessment of Educational Progress (NAEP), 2015 Mathematics Assessment, retrieved August 15, 2016, from the Main NAEP Data Explorer (<http://nces.ed.gov/nationsreportcard/naepdata/>). (This table was prepared August 2016.)

**Table 222.40. Average National Assessment of Educational Progress (NAEP) mathematics scale score of high school graduates at grade 12, by highest mathematics course taken in high school and selected student and school characteristics: 2009**

[Standard errors appear in parentheses]

Selected student or school characteristic	Algebra I or below <sup>1</sup>		Geometry		Algebra II/ trigonometry		Analysis/ precalculus		Statistics/ probability		Advanced mathematics, other <sup>2</sup>		Calculus	
1	2		3		4		5		6		7		8	
<b>Total<sup>3</sup></b> .....	<b>114</b>	<b>(1.1)</b>	<b>127</b>	<b>(1.0)</b>	<b>143</b>	<b>(0.6)</b>	<b>166</b>	<b>(0.9)</b>	<b>164</b>	<b>(1.8)</b>	<b>154</b>	<b>(1.3)</b>	<b>193</b>	<b>(1.2)</b>
<b>Sex</b>														
Male .....	117	(1.7)	128	(1.2)	145	(0.8)	169	(1.0)	165	(2.2)	156	(1.5)	197	(1.4)
Female .....	111	(1.6)	126	(1.1)	142	(0.8)	163	(1.0)	162	(2.0)	153	(1.4)	190	(1.2)
<b>Race/ethnicity</b>														
White .....	117	(1.6)	133	(1.3)	150	(0.8)	172	(0.9)	169	(1.5)	160	(1.3)	194	(1.1)
Black .....	104	(2.8)	114	(1.8)	129	(0.9)	147	(1.6)	139	(4.0)	138	(2.1)	170	(2.7)
Hispanic .....	109	(2.2)	122	(1.0)	136	(0.8)	155	(1.6)	154	(3.2)	142	(2.3)	179	(2.5)
Asian/Pacific Islander .....	‡	(†)	129	(3.9)	149	(4.1)	170	(2.3)	176	(4.1)	164	(2.9)	203	(1.8)
American Indian/Alaska Native .....	‡	(†)	‡	(†)	143	(3.8)	‡	(†)	‡	(†)	‡	(†)	‡	(†)
<b>Student with disabilities (SD) status</b>														
SD <sup>4</sup> .....	103	(1.7)	114	(2.5)	126	(2.1)	166	(5.0)	136	(6.3)	134	(3.5)	197	(3.7)
Non-SD .....	122	(1.2)	129	(0.9)	144	(0.6)	166	(0.9)	164	(1.7)	156	(1.3)	193	(1.2)
<b>English language learner (ELL) status</b>														
ELL .....	104	(4.5)	113	(2.8)	121	(2.1)	144	(6.1)	‡	(†)	129	(4.8)	‡	(†)
Non-ELL .....	114	(1.2)	128	(1.0)	144	(0.6)	166	(0.9)	164	(1.8)	155	(1.3)	193	(1.2)
<b>School type</b>														
Traditional public .....	114	(1.2)	127	(1.0)	143	(0.7)	166	(0.9)	164	(1.8)	155	(1.4)	193	(1.3)
Public charter .....	‡	(†)	‡	(†)	137	(10.3)	141	(6.8)	132	(1.6)	‡	(†)	‡	(†)
Private .....	‡	(†)	123	(3.3)	146	(3.3)	169	(2.7)	168	(3.9)	146	(4.0)	193	(3.3)
<b>Percentage of students eligible for free or reduced-price lunch</b>														
0–25 percent .....	116	(3.0)	134	(2.0)	151	(1.3)	173	(1.5)	173	(1.5)	162	(1.9)	199	(1.6)
26–50 percent .....	115	(1.5)	127	(1.4)	144	(1.0)	165	(1.1)	162	(2.9)	154	(1.7)	189	(1.0)
51–75 percent .....	111	(3.0)	123	(1.8)	136	(1.1)	156	(1.3)	149	(3.6)	146	(3.7)	179	(2.8)
76–100 percent .....	107	(5.4)	115	(3.1)	126	(2.0)	144	(3.7)	137	(4.1)	131	(2.6)	163	(3.9)
<b>School locale</b>														
City .....	110	(2.6)	125	(1.7)	140	(1.8)	163	(2.1)	163	(3.3)	151	(3.0)	195	(2.3)
Suburban .....	112	(2.3)	127	(1.9)	144	(1.0)	169	(1.4)	167	(2.4)	157	(2.0)	195	(2.0)
Town .....	114	(2.5)	129	(1.9)	144	(1.6)	166	(1.6)	164	(3.1)	152	(3.8)	191	(2.1)
Rural .....	117	(2.0)	129	(1.4)	145	(1.3)	165	(1.9)	157	(4.9)	155	(2.1)	187	(2.0)

†Not applicable.

‡Reporting standards not met (too few cases for a reliable estimate).

<sup>1</sup>Includes basic math, general math, applied math, prealgebra, and algebra I.

<sup>2</sup>Includes courses such as actuarial sciences, pure mathematics, discrete math, and advanced functions and modeling.

<sup>3</sup>Includes other racial/ethnic groups not shown separately, as well as students for whom information on race/ethnicity or sex was missing.

<sup>4</sup>SD estimates include both students with an Individualized Education Plan (IEP) and students with a plan under Section 504 of the Rehabilitation Act (a “504 plan”). IEPs are only for students who require specialized instruction, whereas 504 plans apply to students who require accommodations but may not require specialized instruction.

NOTE: Scale ranges from 0 to 300. Includes students tested with accommodations (6 percent of all 12th-graders); excludes only those students with disabilities and English language learners who were unable to be tested even with accommodations (3 percent of all 12th-graders). For a transcript to be included in the analyses, it had to meet three requirements: (1) the graduate received either a standard or honors diploma, (2) the graduate’s transcript contained 16 or more Carnegie credits, and (3) the graduate’s transcript contained more than 0 Carnegie credits in English courses. Race categories exclude persons of Hispanic ethnicity.

SOURCE: U.S. Department of Education, National Center for Education Statistics, National Assessment of Educational Progress (NAEP), 2009 Mathematics Assessment; and 2009 High School Transcript Study (HSTS). (This table was prepared September 2012.)

**Table 222.50. Average National Assessment of Educational Progress (NAEP) mathematics scale score of 4th-grade public school students, by state: Selected years, 1992 through 2017**

[Standard errors appear in parentheses]

State	1992 <sup>1</sup>	1996 <sup>2</sup>	2000	2003	2005	2007	2009	2011	2013	2015	2017
1	2	3	4	5	6	7	8	9	10	11	12
<b>United States</b>	<b>219 (0.8)</b>	<b>222 (1.0)</b>	<b>224 (1.0)</b>	<b>234 (0.2)</b>	<b>237 (0.2)</b>	<b>239 (0.2)</b>	<b>239 (0.2)</b>	<b>240 (0.2)</b>	<b>241 (0.2)</b>	<b>240 (0.3)</b>	<b>239 (0.2)</b>
Alabama	208 (1.6)	212 (1.2)	217 (1.2)	223 (1.2)	225 (0.9)	229 (1.3)	228 (1.1)	231 (1.0)	233 (1.0)	231 (0.9)	232 (1.0)
Alaska <sup>3</sup>	— (†)	224 (1.3)	— (†)	233 (0.8)	236 (1.0)	237 (1.0)	237 (0.9)	236 (0.9)	236 (0.8)	236 (1.1)	230 (0.9)
Arizona	215 (1.1)	218 (1.7)	219 (1.3)	229 (1.1)	230 (1.1)	232 (1.0)	230 (1.1)	235 (1.1)	240 (1.2)	238 (1.0)	234 (1.1)
Arkansas <sup>3</sup>	210 (0.9)	216 (1.5)	216 (1.1)	229 (0.9)	236 (0.9)	238 (1.1)	238 (0.9)	238 (0.8)	240 (0.9)	235 (0.8)	234 (0.9)
California <sup>4</sup>	208 (1.6)	209 (1.8)	213 (1.6)	227 (0.9)	230 (0.6)	230 (0.7)	232 (1.2)	234 (1.4)	234 (1.2)	232 (1.4)	232 (1.2)
Colorado	221 (1.0)	226 (1.0)	— (†)	235 (1.0)	239 (1.1)	240 (1.0)	243 (1.0)	244 (0.9)	247 (0.8)	242 (1.0)	241 (1.1)
Connecticut	227 (1.1)	232 (1.1)	234 (1.1)	241 (0.8)	242 (0.8)	243 (1.1)	245 (1.0)	242 (1.3)	243 (0.9)	240 (0.9)	239 (1.1)
Delaware	218 (0.8)	215 (0.6)	— (†)	236 (0.5)	240 (0.5)	242 (0.4)	239 (0.5)	240 (0.6)	243 (0.7)	239 (0.6)	236 (0.8)
District of Columbia	193 (0.5)	187 (1.1)	192 (1.1)	205 (0.7)	211 (0.8)	214 (0.8)	219 (0.7)	222 (0.7)	229 (0.7)	231 (0.6)	231 (0.7)
Florida	214 (1.5)	216 (1.2)	— (†)	234 (1.1)	239 (0.7)	242 (0.8)	242 (1.0)	240 (0.8)	242 (0.8)	243 (1.0)	246 (0.7)
Georgia	216 (1.2)	215 (1.5)	219 (1.1)	230 (1.0)	234 (1.0)	235 (0.8)	236 (0.9)	238 (0.7)	240 (1.0)	236 (1.2)	236 (1.1)
Hawaii	214 (1.3)	215 (1.5)	216 (1.0)	227 (1.0)	230 (0.8)	234 (0.8)	236 (1.1)	239 (0.7)	243 (0.8)	238 (0.9)	238 (0.8)
Idaho <sup>4</sup>	222 (1.0)	— (†)	224 (1.4)	235 (0.7)	242 (0.7)	241 (0.7)	241 (0.8)	240 (0.6)	241 (0.9)	239 (0.9)	240 (0.9)
Illinois <sup>4</sup>	— (†)	— (†)	223 (1.9)	233 (1.1)	233 (1.0)	237 (1.1)	238 (1.0)	239 (1.1)	239 (1.2)	237 (1.2)	238 (1.0)
Indiana <sup>4</sup>	221 (1.0)	229 (1.0)	233 (1.1)	238 (0.9)	240 (0.8)	245 (0.8)	243 (0.9)	244 (1.0)	249 (0.9)	248 (1.1)	247 (1.1)
Iowa <sup>3,4</sup>	230 (1.0)	229 (1.1)	231 (1.2)	238 (0.7)	240 (0.7)	243 (0.8)	243 (0.8)	243 (0.8)	246 (0.9)	243 (0.9)	243 (1.1)
Kansas <sup>4</sup>	— (†)	— (†)	232 (1.6)	242 (1.0)	246 (1.0)	248 (0.9)	245 (1.0)	246 (0.9)	246 (0.8)	241 (1.0)	241 (0.9)
Kentucky	215 (1.0)	220 (1.1)	219 (1.4)	229 (1.1)	231 (0.9)	235 (0.9)	239 (1.1)	241 (0.8)	241 (0.9)	242 (1.1)	239 (0.9)
Louisiana	204 (1.5)	209 (1.1)	218 (1.4)	226 (1.0)	230 (0.9)	230 (1.0)	229 (1.0)	231 (1.0)	231 (1.2)	234 (1.1)	229 (1.2)
Maine <sup>4</sup>	232 (1.0)	232 (1.0)	230 (1.0)	238 (0.7)	241 (0.8)	242 (0.8)	244 (0.8)	244 (0.7)	246 (0.7)	242 (0.8)	240 (0.9)
Maryland	217 (1.3)	221 (1.6)	222 (1.2)	233 (1.3)	238 (1.0)	240 (0.9)	244 (0.9)	247 (0.9)	245 (1.3)	239 (1.0)	241 (1.1)
Massachusetts	227 (1.2)	229 (1.3)	233 (1.2)	242 (0.8)	247 (0.8)	252 (0.8)	252 (0.9)	253 (0.8)	253 (1.0)	251 (1.2)	249 (1.0)
Michigan <sup>3,4</sup>	220 (1.7)	226 (1.3)	229 (1.6)	236 (0.9)	238 (1.2)	238 (1.3)	236 (1.0)	236 (1.1)	237 (1.1)	236 (1.2)	236 (1.3)
Minnesota <sup>4</sup>	228 (0.9)	232 (1.1)	234 (1.3)	242 (0.9)	246 (1.0)	247 (1.0)	249 (1.1)	249 (0.9)	253 (1.1)	250 (1.2)	249 (1.2)
Mississippi	202 (1.1)	208 (1.2)	211 (1.1)	223 (1.0)	227 (0.9)	228 (1.0)	227 (1.0)	230 (0.9)	231 (0.7)	234 (0.9)	235 (0.8)
Missouri	222 (1.2)	225 (1.1)	228 (1.2)	235 (0.9)	235 (0.9)	239 (0.9)	241 (1.2)	240 (0.9)	240 (0.8)	239 (0.9)	240 (1.1)
Montana <sup>3,4</sup>	— (†)	228 (1.2)	228 (1.7)	236 (0.8)	241 (0.8)	244 (0.8)	244 (0.7)	244 (0.6)	244 (0.6)	241 (0.7)	241 (0.8)
Nebraska	225 (1.2)	228 (1.2)	225 (1.8)	236 (0.8)	238 (0.9)	238 (1.1)	239 (1.0)	240 (1.0)	243 (1.0)	244 (0.9)	246 (0.9)
Nevada <sup>3</sup>	— (†)	218 (1.3)	220 (1.0)	228 (0.8)	230 (0.8)	232 (0.9)	235 (0.9)	237 (0.8)	236 (0.8)	234 (1.1)	232 (1.2)
New Hampshire	230 (1.2)	— (†)	— (†)	243 (0.9)	246 (0.8)	249 (0.8)	251 (0.8)	252 (0.6)	253 (0.8)	249 (0.8)	245 (0.9)
New Jersey <sup>3</sup>	227 (1.5)	227 (1.5)	— (†)	239 (1.1)	244 (1.1)	249 (1.1)	247 (1.0)	248 (0.9)	247 (1.1)	245 (1.2)	248 (1.3)
New Mexico	213 (1.4)	214 (1.8)	213 (1.5)	223 (1.1)	224 (0.8)	228 (0.9)	230 (1.0)	233 (0.8)	233 (0.7)	231 (0.8)	230 (0.8)
New York <sup>3,4</sup>	218 (1.2)	223 (1.2)	225 (1.4)	236 (0.9)	238 (0.9)	243 (0.8)	241 (0.7)	238 (0.8)	240 (1.0)	237 (0.9)	236 (1.0)
North Carolina	213 (1.1)	224 (1.2)	230 (1.1)	242 (0.8)	241 (0.9)	242 (0.8)	244 (0.8)	245 (0.7)	245 (0.9)	244 (1.0)	241 (1.0)
North Dakota	229 (0.8)	231 (1.2)	230 (1.2)	238 (0.7)	243 (0.5)	245 (0.5)	245 (0.6)	245 (0.4)	246 (0.5)	245 (0.5)	244 (0.7)
Ohio <sup>4</sup>	219 (1.2)	— (†)	230 (1.5)	238 (1.0)	242 (1.0)	245 (1.0)	244 (1.1)	244 (0.8)	246 (1.1)	244 (1.2)	241 (1.0)
Oklahoma	220 (1.0)	— (†)	224 (1.0)	229 (1.0)	234 (1.0)	237 (0.8)	237 (0.9)	237 (0.8)	239 (0.7)	240 (1.0)	237 (0.9)
Oregon <sup>4</sup>	— (†)	223 (1.4)	224 (1.8)	236 (0.9)	238 (0.8)	236 (1.0)	238 (0.9)	237 (0.9)	240 (1.3)	238 (1.1)	233 (1.1)
Pennsylvania <sup>3</sup>	224 (1.3)	226 (1.2)	— (†)	236 (1.1)	241 (1.2)	244 (0.8)	244 (1.1)	246 (1.1)	244 (1.0)	243 (1.4)	242 (1.0)
Rhode Island	215 (1.5)	220 (1.4)	224 (1.1)	230 (1.0)	233 (0.9)	236 (0.9)	239 (0.8)	242 (0.7)	241 (0.8)	238 (0.7)	238 (0.7)
South Carolina <sup>3</sup>	212 (1.1)	213 (1.3)	220 (1.4)	236 (0.9)	238 (0.9)	237 (0.8)	236 (0.9)	237 (1.0)	237 (1.0)	237 (1.1)	234 (1.0)
South Dakota	— (†)	— (†)	— (†)	237 (0.7)	242 (0.5)	241 (0.7)	242 (0.5)	241 (0.6)	241 (0.5)	240 (0.7)	242 (0.8)
Tennessee	211 (1.4)	219 (1.4)	220 (1.4)	228 (1.0)	232 (1.2)	233 (0.9)	232 (1.1)	233 (0.9)	240 (0.9)	241 (1.1)	237 (1.0)
Texas	218 (1.2)	229 (1.4)	231 (1.1)	237 (0.9)	242 (0.6)	242 (0.7)	240 (0.7)	241 (1.1)	242 (0.9)	244 (1.3)	241 (1.2)
Utah	224 (1.0)	227 (1.2)	227 (1.3)	235 (0.8)	239 (0.8)	239 (0.9)	240 (1.0)	243 (0.8)	243 (0.9)	243 (1.0)	242 (1.0)
Vermont <sup>3,4</sup>	— (†)	225 (1.2)	232 (1.6)	242 (0.8)	244 (0.5)	246 (0.5)	248 (0.4)	247 (0.5)	248 (0.6)	243 (0.7)	241 (0.7)
Virginia	221 (1.3)	223 (1.4)	230 (1.0)	239 (1.1)	240 (0.9)	244 (0.9)	243 (1.0)	245 (0.8)	246 (1.1)	247 (1.3)	248 (1.0)
Washington	— (†)	225 (1.2)	— (†)	238 (1.0)	242 (0.9)	243 (1.0)	242 (0.8)	243 (0.9)	246 (1.1)	245 (1.3)	242 (1.3)
West Virginia	215 (1.1)	223 (1.0)	223 (1.3)	231 (0.8)	231 (0.7)	236 (0.9)	233 (0.8)	235 (0.7)	237 (0.8)	235 (0.8)	236 (1.0)
Wisconsin	229 (1.1)	231 (1.0)	— (†)	237 (0.9)	241 (0.9)	244 (0.9)	244 (0.9)	245 (0.8)	245 (1.0)	243 (1.1)	240 (0.9)
Wyoming	225 (0.9)	223 (1.4)	229 (1.1)	241 (0.6)	243 (0.6)	244 (0.5)	242 (0.6)	244 (0.4)	247 (0.4)	247 (0.6)	248 (0.6)
Department of Defense dependents schools <sup>5</sup>	— (†)	224 (0.6)	227 (0.6)	237 (0.4)	239 (0.5)	240 (0.4)	240 (0.5)	241 (0.4)	245 (0.4)	248 (0.5)	249 (0.5)

—Not available.  
†Not applicable.  
‡Reporting standards not met. Participation rates fell below the required standards for reporting.  
<sup>1</sup>Accommodations were not permitted for this assessment.  
<sup>2</sup>The 1996 data in this table do not include students who were tested with accommodations. Data for students tested with accommodations are not available at the state level for 1996.  
<sup>3</sup>Did not meet one or more of the guidelines for school participation in 1996. Data are subject to appreciable nonresponse bias.  
<sup>4</sup>Did not meet one or more of the guidelines for school participation in 2000. Data are subject to appreciable nonresponse bias.  
<sup>5</sup>Prior to 2005, NAEP divided the Department of Defense (DoD) schools into two jurisdictions, domestic and overseas. In 2005, NAEP began combining the DoD domestic

and overseas schools into a single jurisdiction. Data shown in this table for years prior to 2005 were recalculated for comparability.  
NOTE: Scale ranges from 0 to 500. State-level data for 1990 are not available. For 2000 and later years, includes public school students who were tested with accommodations; excludes only those students with disabilities (SD) and English language learners (ELL) who were unable to be tested even with accommodations. SD and ELL populations, accommodation rates, and exclusion rates vary from state to state.  
SOURCE: U.S. Department of Education, National Center for Education Statistics, National Assessment of Educational Progress (NAEP), 1992, 1996, 2000, 2003, 2005, 2007, 2009, 2011, 2013, 2015, and 2017 Mathematics Assessments, retrieved March 13, 2018, from the Main NAEP Data Explorer (<http://nces.ed.gov/nationsreportcard/naepdata/>). (This table was prepared March 2018.)

**Table 222.60. Average National Assessment of Educational Progress (NAEP) mathematics scale score of 8th-grade public school students, by state: Selected years, 1990 through 2017**

[Standard errors appear in parentheses]

State	1990 <sup>1</sup>	1992 <sup>1</sup>	1996 <sup>2</sup>	2000	2003	2005	2007	2009	2011	2013	2015	2017
1	2	3	4	5	6	7	8	9	10	11	12	13
<b>United States</b>	<b>262 (1.4)</b>	<b>267 (1.0)</b>	<b>271 (1.2)</b>	<b>272 (0.9)</b>	<b>276 (0.3)</b>	<b>278 (0.2)</b>	<b>280 (0.3)</b>	<b>282 (0.3)</b>	<b>283 (0.2)</b>	<b>284 (0.2)</b>	<b>281 (0.3)</b>	<b>282 (0.3)</b>
Alabama	253 (1.1)	252 (1.7)	257 (2.1)	264 (1.8)	262 (1.5)	262 (1.5)	266 (1.5)	269 (1.2)	269 (1.4)	269 (1.3)	267 (1.2)	268 (1.3)
Alaska <sup>3</sup>	— (†)	— (†)	278 (1.8)	— (†)	279 (0.9)	279 (0.8)	283 (1.1)	283 (1.0)	283 (0.8)	282 (0.9)	280 (1.0)	277 (0.9)
Arizona <sup>4</sup>	260 (1.3)	265 (1.3)	268 (1.6)	269 (1.8)	271 (1.2)	274 (1.1)	276 (1.2)	277 (1.4)	279 (1.2)	280 (1.2)	283 (1.4)	282 (1.1)
Arkansas <sup>5</sup>	256 (0.9)	256 (1.2)	262 (1.5)	257 (1.5)	266 (1.2)	272 (1.2)	274 (1.1)	276 (1.1)	279 (1.0)	278 (1.1)	275 (1.4)	274 (1.0)
California <sup>4</sup>	256 (1.3)	261 (1.7)	263 (1.9)	260 (2.1)	267 (1.2)	269 (0.6)	270 (0.8)	270 (1.3)	273 (1.2)	276 (1.2)	275 (1.3)	277 (1.2)
Colorado	267 (0.9)	272 (1.0)	276 (1.1)	— (†)	283 (1.1)	281 (1.2)	286 (0.9)	287 (1.4)	292 (1.1)	290 (1.2)	286 (1.5)	286 (1.4)
Connecticut	270 (1.0)	274 (1.1)	280 (1.1)	281 (1.3)	284 (1.2)	281 (1.4)	282 (1.5)	289 (1.0)	287 (1.1)	285 (1.1)	284 (1.2)	284 (0.9)
Delaware	261 (0.9)	263 (1.0)	267 (0.9)	— (†)	277 (0.7)	281 (0.6)	283 (0.6)	284 (0.5)	283 (0.7)	282 (0.7)	280 (0.7)	278 (0.7)
District of Columbia	231 (0.9)	235 (0.9)	233 (1.3)	235 (1.1)	243 (0.8)	245 (0.9)	248 (0.9)	254 (0.9)	260 (0.7)	265 (0.9)	263 (0.9)	266 (0.9)
Florida	255 (1.2)	260 (1.5)	264 (1.8)	— (†)	271 (1.5)	274 (1.1)	277 (1.3)	279 (1.1)	278 (0.8)	281 (0.8)	275 (1.4)	279 (1.1)
Georgia	259 (1.3)	259 (1.2)	262 (1.6)	265 (1.2)	270 (1.2)	272 (1.1)	275 (1.0)	278 (0.9)	278 (1.0)	279 (1.2)	279 (1.2)	281 (1.4)
Hawaii	251 (0.8)	257 (0.9)	262 (1.0)	262 (1.4)	266 (0.8)	266 (0.7)	269 (0.8)	274 (0.7)	278 (0.7)	281 (0.8)	279 (0.8)	277 (0.8)
Idaho <sup>4</sup>	271 (0.8)	275 (0.7)	— (†)	277 (1.0)	280 (0.9)	281 (0.9)	284 (0.9)	287 (0.8)	287 (0.8)	286 (0.7)	284 (0.9)	284 (1.2)
Illinois <sup>4</sup>	261 (1.7)	— (†)	— (†)	275 (1.7)	277 (1.2)	278 (1.1)	280 (1.1)	282 (1.2)	283 (1.1)	285 (1.0)	282 (1.3)	282 (1.2)
Indiana <sup>4</sup>	267 (1.2)	270 (1.1)	276 (1.4)	281 (1.4)	281 (1.1)	282 (1.0)	285 (1.1)	287 (0.9)	285 (1.0)	288 (1.1)	287 (1.2)	288 (1.3)
Iowa <sup>3</sup>	278 (1.1)	283 (1.0)	284 (1.3)	— (†)	284 (0.8)	284 (0.9)	285 (0.9)	284 (1.0)	285 (0.9)	285 (0.9)	286 (1.2)	286 (0.9)
Kansas <sup>4</sup>	— (†)	— (†)	— (†)	283 (1.7)	284 (1.3)	284 (1.0)	290 (1.1)	289 (1.0)	290 (0.9)	290 (1.0)	284 (1.3)	285 (1.0)
Kentucky	257 (1.2)	262 (1.1)	267 (1.1)	270 (1.3)	274 (1.2)	274 (1.2)	279 (1.1)	279 (1.1)	282 (0.9)	281 (0.9)	278 (0.9)	278 (1.0)
Louisiana	246 (1.2)	250 (1.7)	252 (1.6)	259 (1.5)	266 (1.5)	268 (1.4)	272 (1.1)	272 (1.6)	273 (1.2)	273 (0.9)	268 (1.4)	267 (1.3)
Maine <sup>4</sup>	— (†)	279 (1.0)	284 (1.3)	281 (1.1)	282 (0.9)	281 (0.8)	286 (0.8)	286 (0.7)	289 (0.8)	289 (0.7)	285 (0.7)	284 (0.9)
Maryland <sup>3</sup>	261 (1.4)	265 (1.3)	270 (2.1)	272 (1.7)	278 (1.0)	278 (1.1)	286 (1.2)	288 (1.1)	288 (1.2)	287 (1.1)	283 (1.2)	281 (1.1)
Massachusetts	— (†)	273 (1.0)	278 (1.7)	279 (1.5)	287 (0.9)	292 (0.9)	298 (1.3)	299 (1.3)	299 (0.8)	301 (0.9)	297 (1.4)	297 (1.1)
Michigan <sup>3,4</sup>	264 (1.2)	267 (1.4)	277 (1.8)	277 (1.9)	276 (2.0)	277 (1.5)	277 (1.4)	278 (1.6)	280 (1.4)	280 (1.3)	278 (1.3)	280 (1.2)
Minnesota <sup>4</sup>	275 (0.9)	282 (1.0)	284 (1.3)	287 (1.4)	291 (1.1)	290 (1.2)	292 (1.0)	294 (1.0)	295 (1.0)	295 (1.0)	294 (1.0)	294 (1.5)
Mississippi	— (†)	246 (1.2)	250 (1.2)	254 (1.1)	261 (1.1)	262 (1.2)	265 (0.8)	265 (1.2)	269 (1.4)	271 (0.9)	271 (1.1)	271 (0.9)
Missouri	— (†)	271 (1.2)	273 (1.4)	271 (1.5)	279 (1.1)	276 (1.3)	281 (1.0)	286 (1.0)	282 (1.1)	283 (1.0)	281 (1.2)	281 (1.1)
Montana <sup>3,4</sup>	280 (0.9)	— (†)	283 (1.3)	285 (1.4)	286 (0.8)	286 (0.7)	287 (0.7)	292 (0.9)	293 (0.6)	289 (0.9)	287 (0.8)	286 (0.8)
Nebraska	276 (1.0)	278 (1.1)	283 (1.0)	280 (1.2)	282 (0.9)	284 (1.0)	284 (1.0)	284 (1.1)	283 (0.8)	285 (0.9)	286 (0.8)	288 (1.0)
Nevada	— (†)	— (†)	‡ (†)	265 (0.8)	268 (0.8)	270 (0.8)	271 (0.8)	274 (0.7)	278 (0.8)	278 (0.7)	275 (0.7)	275 (0.7)
New Hampshire	273 (0.9)	278 (1.0)	‡ (†)	— (†)	286 (0.8)	285 (0.8)	288 (0.7)	292 (0.9)	292 (0.7)	296 (0.8)	294 (0.9)	293 (0.8)
New Jersey	270 (1.1)	272 (1.6)	‡ (†)	— (†)	281 (1.1)	284 (1.4)	289 (1.2)	293 (1.4)	294 (1.2)	296 (1.1)	293 (1.2)	292 (1.0)
New Mexico	256 (0.7)	260 (0.9)	262 (1.2)	259 (1.3)	263 (1.0)	263 (0.9)	268 (0.9)	270 (1.1)	274 (0.8)	273 (0.7)	271 (1.0)	269 (1.0)
New York <sup>3,4</sup>	261 (1.4)	266 (2.1)	270 (1.7)	271 (2.2)	280 (1.1)	280 (0.9)	280 (1.2)	283 (1.2)	280 (0.9)	282 (0.9)	280 (1.4)	282 (1.2)
North Carolina	250 (1.1)	258 (1.2)	268 (1.4)	276 (1.3)	281 (1.0)	282 (0.9)	284 (1.1)	284 (1.3)	286 (1.0)	286 (1.1)	281 (1.6)	282 (1.2)
North Dakota	281 (1.2)	283 (1.1)	284 (0.9)	282 (1.1)	287 (0.8)	287 (0.6)	292 (0.7)	293 (0.7)	292 (0.6)	291 (0.5)	288 (0.7)	288 (0.8)
Ohio	264 (1.0)	268 (1.5)	— (†)	281 (1.6)	282 (1.3)	283 (1.1)	285 (1.2)	286 (1.0)	289 (1.0)	290 (1.1)	285 (1.6)	288 (2.0)
Oklahoma	263 (1.3)	268 (1.1)	— (†)	270 (1.3)	272 (1.1)	271 (1.0)	275 (0.9)	276 (1.0)	279 (1.0)	276 (1.0)	275 (1.3)	275 (1.1)
Oregon <sup>4</sup>	271 (1.0)	— (†)	276 (1.5)	280 (1.5)	281 (1.3)	282 (1.0)	284 (1.1)	285 (1.0)	283 (1.0)	284 (1.1)	283 (1.2)	282 (1.2)
Pennsylvania	266 (1.6)	271 (1.5)	— (†)	— (†)	279 (1.1)	281 (1.5)	286 (1.1)	288 (1.3)	286 (1.2)	290 (1.0)	284 (1.5)	286 (1.2)
Rhode Island	260 (0.6)	266 (0.7)	269 (0.9)	269 (1.3)	272 (0.7)	272 (0.8)	275 (0.7)	278 (0.8)	283 (0.5)	284 (0.6)	281 (0.7)	277 (0.8)
South Carolina <sup>3</sup>	— (†)	261 (1.0)	261 (1.5)	265 (1.5)	277 (1.3)	281 (0.9)	282 (1.0)	280 (1.3)	281 (1.1)	280 (1.1)	276 (1.3)	275 (1.0)
South Dakota	— (†)	— (†)	— (†)	— (†)	285 (0.8)	287 (0.6)	288 (0.8)	291 (0.5)	291 (0.5)	287 (0.7)	285 (0.9)	286 (0.7)
Tennessee	— (†)	259 (1.4)	263 (1.4)	262 (1.5)	268 (1.8)	271 (1.1)	274 (1.1)	275 (1.4)	274 (1.2)	278 (1.3)	278 (1.8)	279 (1.2)
Texas	258 (1.4)	265 (1.3)	270 (1.4)	273 (1.6)	277 (1.1)	281 (0.6)	286 (1.0)	287 (1.3)	290 (0.9)	288 (1.0)	284 (1.2)	282 (1.4)
Utah	— (†)	274 (0.7)	277 (1.0)	274 (1.2)	281 (1.0)	279 (0.7)	281 (0.9)	284 (0.9)	283 (0.8)	284 (0.9)	286 (1.1)	287 (0.9)
Vermont <sup>3,4</sup>	— (†)	— (†)	279 (1.0)	281 (1.5)	286 (0.8)	287 (0.7)	291 (0.7)	293 (0.6)	294 (0.7)	295 (0.7)	290 (0.7)	288 (0.7)
Virginia	264 (1.5)	268 (1.2)	270 (1.6)	275 (1.3)	282 (1.3)	284 (1.1)	288 (1.1)	286 (1.1)	289 (1.1)	288 (1.2)	288 (1.2)	290 (1.5)
Washington	— (†)	— (†)	276 (1.3)	— (†)	281 (0.9)	285 (1.0)	285 (1.0)	289 (1.0)	288 (1.0)	290 (1.0)	287 (1.3)	289 (1.4)
West Virginia	256 (1.0)	259 (1.0)	265 (1.0)	266 (1.2)	271 (1.2)	269 (1.0)	270 (1.0)	270 (1.0)	273 (0.7)	274 (0.9)	271 (0.9)	273 (0.9)
Wisconsin <sup>3</sup>	274 (1.3)	278 (1.5)	283 (1.5)	‡ (†)	284 (1.3)	285 (1.1)	286 (1.1)	288 (0.9)	289 (1.0)	289 (0.9)	289 (1.3)	288 (1.0)
Wyoming	272 (0.7)	275 (0.9)	275 (0.9)	276 (1.0)	284 (0.7)	282 (0.7)	287 (0.7)	286 (0.6)	288 (0.6)	288 (0.5)	287 (0.7)	289 (0.7)
Department of Defense dependents schools <sup>5</sup>	— (†)	— (†)	274 (0.9)	277 (1.1)	285 (0.7)	284 (0.7)	285 (0.8)	287 (0.9)	288 (0.8)	290 (0.8)	291 (0.7)	293 (0.7)

—Not available.  
†Not applicable.  
‡Reporting standards not met. Participation rates fell below the required standards for reporting.  
<sup>1</sup>Accommodations were not permitted for this assessment.  
<sup>2</sup>The 1996 data in this table do not include students who were tested with accommodations. Data for students tested with accommodations are not available at the state level for 1996.  
<sup>3</sup>Did not meet one or more of the guidelines for school participation in 1996. Data are subject to appreciable nonresponse bias.  
<sup>4</sup>Did not meet one or more of the guidelines for school participation in 2000. Data are subject to appreciable nonresponse bias.  
<sup>5</sup>Prior to 2005, NAEP divided the Department of Defense (DoD) schools into two jurisdictions, domestic and overseas. In 2005, NAEP began combining the DoD domestic

and overseas schools into a single jurisdiction. Data shown in this table for years prior to 2005 were recalculated for comparability.  
NOTE: Scale ranges from 0 to 500. For 2000 and later years, includes public school students who were tested with accommodations; excludes only those students with disabilities (SD) and English language learners (ELL) who were unable to be tested even with accommodations. SD and ELL populations, accommodation rates, and exclusion rates vary from state to state.  
SOURCE: U.S. Department of Education, National Center for Education Statistics, National Assessment of Educational Progress (NAEP), 1990, 1992, 1996, 2000, 2003, 2005, 2007, 2009, 2011, 2013, 2015, and 2017 Mathematics Assessments, retrieved March 13, 2018, from the Main NAEP Data Explorer (<http://nces.ed.gov/nationsreportcard/naepdata/>). (This table was prepared March 2018.)

**Table 222.80. Average National Assessment of Educational Progress (NAEP) mathematics scale scores of 4th- and 8th-grade public school students and percentage attaining selected mathematics achievement levels, by race/ethnicity and jurisdiction or specific urban district: Selected years, 2009 through 2017**

[Standard errors appear in parentheses]

Grade level and jurisdiction or specific urban district	Average mathematics scale score <sup>1</sup>														Percent of students	
	2009	2011	2013	2015					2017					2017		
	All students	All students	All students	All students	White	Black	Hispanic	Asian	All students	White	Black	Hispanic	Asian	At or above Basic <sup>2</sup>	At or above Proficient <sup>3</sup>	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	
<b>4th grade</b>																
United States .....	239 (0.2)	240 (0.2)	241 (0.2)	240 (0.3)	248 (0.3)	224 (0.4)	230 (0.5)	259 (1.2)	239 (0.2)	248 (0.2)	223 (0.5)	229 (0.4)	260 (1.1)	79 (0.3)	40 (0.3)	
All large cities <sup>4</sup> .....	231 (0.5)	233 (0.6)	235 (0.7)	234 (0.6)	251 (1.0)	222 (0.6)	230 (0.7)	253 (2.0)	232 (0.5)	250 (1.3)	220 (0.7)	227 (0.6)	249 (1.8)	71 (0.6)	31 (0.9)	
Selected urban districts																
Albuquerque (NM) .....	— (†)	235 (1.3)	235 (1.0)	231 (1.1)	249 (2.2)	± (†)	226 (1.3)	± (†)	230 (1.3)	250 (2.3)	± (†)	224 (1.5)	± (†)	68 (1.8)	29 (1.7)	
Atlanta (GA) .....	225 (0.8)	228 (0.7)	233 (0.7)	228 (1.2)	267 (1.9)	221 (1.4)	225 (3.6)	± (†)	231 (1.0)	271 (1.4)	219 (1.1)	224 (2.6)	± (†)	68 (1.7)	30 (1.2)	
Austin (TX) .....	240 (1.0)	245 (1.1)	245 (0.9)	246 (1.4)	268 (2.0)	226 (3.1)	237 (1.6)	± (†)	243 (1.1)	264 (1.7)	229 (3.6)	234 (1.4)	± (†)	81 (1.4)	44 (1.8)	
Baltimore City (MD) .....	222 (1.0)	226 (1.1)	223 (1.2)	215 (1.5)	232 (3.6)	212 (1.6)	223 (3.3)	± (†)	215 (1.2)	232 (4.2)	212 (1.2)	221 (2.7)	± (†)	52 (2.3)	14 (1.5)	
Boston (MA) .....	236 (0.7)	237 (0.6)	237 (0.8)	236 (1.3)	253 (2.5)	228 (1.8)	230 (2.0)	259 (3.3)	233 (0.9)	253 (2.4)	226 (1.5)	228 (1.4)	258 (2.9)	74 (1.4)	31 (1.5)	
Charlotte (NC) .....	245 (1.3)	247 (1.1)	247 (1.6)	248 (1.3)	264 (2.0)	236 (1.7)	243 (2.2)	268 (4.2)	244 (1.1)	263 (2.1)	232 (1.6)	237 (1.5)	262 (4.3)	82 (1.3)	46 (2.0)	
Chicago (IL) .....	222 (1.2)	224 (0.9)	231 (1.3)	232 (1.2)	262 (2.7)	221 (1.8)	230 (1.6)	265 (4.3)	232 (1.1)	253 (2.0)	222 (2.0)	231 (1.3)	258 (5.2)	72 (1.5)	30 (1.4)	
Clark County (NV) .....	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	230 (1.0)	243 (1.6)	214 (2.3)	225 (1.2)	252 (3.7)	72 (1.4)	29 (1.5)	
Cleveland (OH) .....	213 (1.0)	216 (0.7)	216 (0.9)	219 (1.3)	233 (2.4)	215 (1.6)	221 (3.4)	± (†)	214 (1.3)	230 (2.7)	210 (1.5)	214 (3.8)	± (†)	49 (2.4)	10 (0.9)	
Dallas (TX) .....	— (†)	233 (1.3)	234 (1.0)	238 (1.3)	259 (7.8)	228 (2.8)	238 (1.2)	± (†)	234 (1.1)	± (†)	223 (2.6)	236 (1.3)	± (†)	77 (1.9)	31 (1.6)	
Denver (CO) .....	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	229 (1.5)	257 (2.6)	214 (3.2)	218 (1.4)	± (†)	65 (1.8)	28 (2.0)	
Detroit (MI) .....	200 (1.7)	203 (1.4)	204 (1.6)	205 (1.6)	± (†)	202 (1.8)	215 (3.1)	± (†)	200 (1.7)	± (†)	198 (1.7)	204 (3.0)	± (†)	29 (2.5)	4 (0.7)	
District of Columbia (DC) ...	220 (0.8)	222 (1.0)	229 (0.8)	232 (0.9)	275 (1.9)	220 (1.1)	233 (2.3)	± (†)	231 (0.9)	274 (2.0)	218 (1.2)	231 (1.9)	± (†)	67 (1.3)	31 (1.2)	
Duval County (FL) .....	— (†)	— (†)	— (†)	243 (1.3)	254 (1.8)	230 (1.7)	240 (2.4)	± (†)	248 (1.2)	259 (1.5)	238 (1.9)	242 (2.8)	± (†)	88 (1.8)	49 (2.3)	
Fort Worth (TX) .....	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	± (†)	230 (1.1)	254 (3.5)	218 (2.1)	230 (1.4)	± (†)	72 (1.8)	26 (1.6)	
Fresno (CA) .....	219 (1.4)	218 (0.9)	220 (1.2)	218 (1.3)	235 (3.6)	213 (3.8)	214 (1.5)	226 (3.1)	221 (1.2)	238 (3.0)	215 (3.5)	219 (1.4)	225 (2.6)	60 (1.9)	17 (1.3)	
Guilford County (NC) .....	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	240 (1.0)	257 (1.7)	227 (1.4)	231 (2.7)	255 (3.9)	79 (1.4)	42 (1.7)	
Hillsborough County (FL) ...	— (†)	243 (1.1)	243 (0.9)	244 (1.4)	253 (1.9)	230 (1.6)	237 (1.9)	± (†)	245 (1.3)	256 (1.4)	227 (2.6)	240 (1.9)	± (†)	86 (1.6)	44 (1.9)	
Houston (TX) .....	236 (1.2)	237 (0.8)	236 (1.1)	239 (1.4)	266 (2.8)	231 (2.4)	235 (1.1)	± (†)	235 (1.1)	263 (2.6)	227 (2.3)	234 (1.2)	± (†)	77 (1.4)	32 (1.5)	
Jefferson County (KY) .....	233 (1.6)	235 (0.9)	234 (1.0)	236 (1.5)	245 (1.7)	225 (1.6)	226 (3.1)	± (†)	233 (1.2)	247 (1.6)	216 (1.5)	230 (3.2)	± (†)	71 (1.4)	35 (1.8)	
Los Angeles (CA) .....	222 (1.2)	223 (0.8)	228 (1.3)	224 (1.4)	247 (2.6)	216 (3.6)	218 (1.1)	255 (3.2)	223 (1.2)	247 (3.3)	218 (3.7)	217 (1.1)	257 (2.9)	61 (1.6)	22 (1.6)	
Miami-Dade (FL) .....	230 (1.3)	236 (1.0)	237 (1.1)	242 (1.1)	257 (2.6)	230 (2.2)	243 (1.1)	± (†)	245 (0.7)	259 (2.2)	237 (1.9)	245 (0.9)	± (†)	89 (1.1)	45 (1.3)	
Milwaukee (WI) .....	220 (1.5)	220 (1.0)	221 (1.6)	— (†)	— (†)	— (†)	— (†)	± (†)	216 (1.0)	240 (2.5)	206 (1.5)	219 (2.1)	229 (3.4)	51 (1.7)	15 (1.2)	
New York City (NY) .....	237 (1.0)	234 (1.2)	236 (1.1)	231 (1.0)	242 (2.5)	220 (1.5)	226 (1.4)	254 (1.9)	229 (1.0)	246 (2.3)	220 (2.0)	221 (1.3)	247 (2.2)	69 (1.6)	28 (1.5)	
Philadelphia (PA) .....	222 (1.4)	225 (1.2)	223 (1.5)	217 (1.9)	235 (4.1)	211 (1.7)	211 (2.3)	246 (4.0)	214 (1.2)	244 (3.8)	207 (1.6)	207 (1.0)	± (†)	49 (1.7)	16 (1.2)	
San Diego (CA) .....	236 (1.6)	239 (1.3)	241 (1.2)	233 (1.5)	254 (2.5)	217 (3.6)	222 (2.0)	243 (3.3)	237 (1.3)	254 (2.7)	223 (3.1)	225 (1.6)	254 (3.2)	76 (1.6)	37 (1.8)	
Shelby County (TN) .....	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	225 (1.2)	247 (6.9)	221 (1.1)	228 (2.6)	± (†)	64 (2.1)	20 (1.5)	
<b>8th grade</b>																
United States .....	282 (0.3)	283 (0.2)	284 (0.2)	281 (0.3)	291 (0.3)	260 (0.5)	269 (0.6)	307 (1.5)	282 (0.3)	292 (0.3)	260 (0.5)	268 (0.5)	312 (1.5)	69 (0.3)	33 (0.3)	
All large cities <sup>4</sup> .....	271 (0.7)	274 (0.7)	276 (0.8)	274 (1.0)	296 (1.4)	258 (0.9)	268 (1.2)	301 (2.0)	274 (0.6)	296 (0.9)	257 (0.8)	267 (0.8)	302 (2.1)	61 (0.7)	27 (0.7)	
Selected urban districts																
Albuquerque (NM) .....	— (†)	275 (1.0)	274 (1.2)	271 (1.4)	289 (2.9)	± (†)	264 (1.5)	± (†)	270 (1.2)	295 (2.8)	± (†)	262 (1.4)	± (†)	57 (1.8)	22 (1.4)	
Atlanta (GA) .....	259 (1.6)	266 (1.3)	267 (1.2)	266 (1.2)	318 (2.4)	258 (1.2)	271 (4.4)	± (†)	265 (1.4)	314 (2.9)	256 (1.5)	265 (4.2)	± (†)	49 (2.0)	19 (1.3)	
Austin (TX) .....	287 (0.9)	287 (1.2)	285 (1.0)	284 (1.3)	313 (2.4)	260 (3.4)	271 (1.4)	± (†)	283 (1.3)	312 (2.2)	257 (3.9)	269 (1.7)	± (†)	68 (1.7)	38 (1.4)	
Baltimore City (MD) .....	257 (1.9)	261 (1.3)	260 (2.0)	255 (1.8)	281 (6.4)	251 (1.9)	261 (5.2)	± (†)	255 (1.2)	286 (4.8)	251 (1.3)	260 (4.6)	± (†)	39 (2.0)	11 (1.1)	
Boston (MA) .....	279 (1.3)	282 (0.9)	283 (1.2)	281 (1.2)	311 (3.3)	269 (2.1)	271 (2.1)	318 (5.0)	280 (1.3)	314 (3.8)	261 (2.6)	268 (1.8)	323 (3.8)	63 (1.6)	33 (1.3)	
Charlotte (NC) .....	283 (0.9)	285 (0.8)	289 (1.2)	286 (1.5)	312 (2.1)	268 (1.9)	275 (3.8)	314 (5.1)	287 (1.6)	316 (1.7)	271 (2.5)	272 (2.7)	318 (6.6)	71 (1.9)	41 (1.9)	
Chicago (IL) .....	264 (1.4)	270 (1.0)	269 (1.0)	275 (2.4)	317 (5.6)	262 (1.5)	275 (1.8)	± (†)	276 (1.6)	306 (4.4)	259 (1.8)	276 (1.5)	± (†)	62 (1.7)	27 (1.7)	
Clark County (NV) .....	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	272 (0.9)	289 (2.1)	251 (2.2)	264 (3.3)	299 (3.2)	59 (1.1)	25 (1.3)	
Cleveland (OH) .....	256 (1.0)	256 (2.1)	253 (1.3)	254 (1.5)	273 (3.1)	249 (2.1)	257 (3.5)	± (†)	257 (1.5)	269 (3.3)	255 (1.9)	250 (4.4)	± (†)	43 (2.2)	11 (1.0)	
Dallas (TX) .....	— (†)	274 (0.9)	275 (1.0)	271 (1.3)	± (†)	261 (2.1)	272 (1.5)	± (†)	268 (1.3)	± (†)	259 (2.9)	268 (1.4)	± (†)	54 (1.9)	20 (1.3)	
Denver (CO) .....	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	272 (1.4)	304 (3.0)	260 (3.4)	262 (1.7)	± (†)	58 (1.6)	26 (1.5)	
Detroit (MI) .....	238 (2.7)	246 (1.2)	240 (1.7)	244 (1.7)	± (†)	242 (1.9)	253 (3.3)	± (†)	246 (1.8)	± (†)	245 (1.9)	248 (3.8)	± (†)	27 (1.8)	5 (1.0)	
District of Columbia (DC) ...	251 (1.3)	255 (0.9)	260 (1.3)	258 (1.3)	314 (3.3)	248 (1.5)	263 (3.3)	± (†)	262 (1.3)	318 (3.3)	290 (1.6)	262 (4.1)	± (†)	47 (1.8)	20 (1.4)	
Duval County (FL) .....	— (†)	— (†)	— (†)	275 (1.0)	285 (1.6)	264 (1.4)	266 (3.3)	± (†)	275 (1.2)	289 (2.6)	263 (1.6)	272 (3.2)	± (†)	63 (1.6)	24 (1.3)	
Fort Worth (TX) .....	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	± (†)	269 (1.2)	294 (3.7)	255 (2.7)	269 (1.3)	± (†)	57 (1.8)	19 (1.4)	
Fresno (CA) .....	258 (1.2)	256 (0.9)	260 (1.4)	257 (1.5)	281 (3.7)	242 (5.0)	252 (1.9)	270 (3.8)	255 (1.6)	278 (4.1)	242 (3.2)	251 (1.9)	268 (3.2)	41 (1.9)	11 (1.0)	
Guilford County (NC) .....	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	276 (1.3)	296 (1.9)	262 (2.3)	259 (3.2)	298 (4.9)	61 (1.7)	31 (1.6)	
Hillsborough County (FL) ...	— (†)	282 (1.5)	284 (1.1)	276 (1.7)	290 (2.1)	260 (2.6)	266 (2.2)	± (†)	277 (1.6)	292 (2.1)	257 (3.1)	268 (2.3)	± (†)	65 (1.9)	29 (1.7)	
Houston (TX) .....	277 (1.2)	279 (1.0)	280 (1.1)	276 (1.4)	313 (3.7)	265 (2.6)	273 (1.2)	319 (6.6)	273 (1.0)	315 (3.4)	263 (2.1)	270 (1.2)	± (†)	60 (1.3)	24 (1.1)	
Jefferson County (KY) .....	271 (0.9)	274 (1.0)	273 (1.0)	272 (1.7)	285 (2.2)	252 (2.2)	266 (4.5)	± (†)	271 (1.1)	285 (1.8)	253 (1.6)	269 (3.7)	± (†)	57 (1.7)	25 (1.4)	
Los Angeles (CA) .....	258 (1.0)	261 (1.3)	264 (1.5)	263 (1.6)	285 (4.4)	255 (4.1)	259 (1.4)	296 (5.9)	267 (1.0)	298 (3.0)	254 (3.5)	260 (1.2)	302 (3.7)	53 (1.4)	20 (1.1)	
Miami-Dade (FL) .....	273 (1.1)	272 (1.1)	274 (1.5)	274 (1.8)	299 (2.8)	255 (3.3)	277 (2.0)	± (†)	274 (1.3)	294 (4.6)	257 (2.6)	275 (1.2)	± (†)	61 (1.7)	24 (1.4)	
Milwaukee (WI) .....	251 (1.5)	254 (1.7)	257 (1.4)	— (†)	— (†)	— (†)	— (†)	± (†)	254 (1.4)	277 (3.6)	242 (1.8)	260 (2.6)	272 (5.1)	40 (1.8)	12 (1.2)	
New York City (NY) .....	273 (1.5)	272 (1.6)	274 (1.1)	275 (2.1)	294 (4.6)	261 (3.2)	267 (1.8)	303 (3.1)	275 (1.9)	291 (3.8)	256 (2.3)	264 (2.0)	306 (3.5)	60 (2.0)	28 (1.9)	
Philadelphia (PA) .....	265 (2.0)	265 (2.0)	266 (1.7)	267 (1.9)	282 (4.0)	257 (2.1)	259 (3.2)	303 (6.0)	260 (1.9)	279 (3.8)	250 (2.3)	253 (3.6)	295 (5.2)	45 (2.3)	16 (1.5)	
San Diego (CA) .....	280 (2.0)	278 (1.7)	277 (1.4)	280 (1.6)	302 (2.3)	261 (4.0)	266 (2.2)	293 (3.3)	283 (1.4)	304 (2.5)	258 (5.5)	266 (1.9)	302 (2.8)	68 (1.8)	36 (1.5)	
Shelby County (TN) .....	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	257 (1.4)	295 (4.3)	251 (1.6)	260 (4.3)	± (†)	42 (2.0)	12 (1.3)	

—Not available.

**Table 222.85. Average National Assessment of Educational Progress (NAEP) mathematics scale score, by age and selected student characteristics: Selected years, 1973 through 2012**

[Standard errors appear in parentheses]

Selected student characteristic	1973	1978	1982	1986	1990	1992	1994	1996	1999	2004 <sup>1</sup>		2008	2012
										Previous format	Revised format		
1	2	3	4	5	6	7	8	9	10	11	12	13	14
<b>9-year-olds</b>													
<b>All students</b> .....	<b>219 (0.8)</b>	<b>219 (0.8)</b>	<b>219 (1.1)</b>	<b>222 (1.0)</b>	<b>230 (0.8)</b>	<b>230 (0.8)</b>	<b>231 (0.8)</b>	<b>231 (0.8)</b>	<b>232 (0.8)</b>	<b>241 (0.9)</b>	<b>239 (0.9)</b>	<b>243 (0.8)</b>	<b>244 (1.0)</b>
Sex													
Male .....	218 (0.7)	217 (0.7)	217 (1.2)	222 (1.1)	229 (0.9)	231 (1.0)	232 (1.0)	233 (1.2)	233 (1.0)	243 (1.1)	239 (1.0)	242 (0.9)	244 (1.2)
Female .....	220 (1.1)	220 (1.0)	221 (1.2)	222 (1.2)	230 (1.1)	228 (1.0)	230 (0.9)	229 (0.7)	231 (0.9)	240 (1.1)	240 (1.0)	243 (1.0)	244 (1.0)
Gap between female and male score .....	2 (1.3)	3 (1.3)	4 (1.7)	# (†)	1 (1.4)	-2 (1.4)	-2 (1.4)	-4 (1.4)	-2 (1.3)	-3 (1.5)	1 (1.4)	1 (1.3)	# (†)
Race/ethnicity													
White .....	225 (1.0)	224 (0.9)	224 (1.1)	227 (1.1)	235 (0.8)	235 (0.8)	237 (1.0)	237 (1.0)	239 (0.9)	247 (0.9)	245 (0.8)	250 (0.8)	252 (1.1)
Black .....	190 (1.8)	192 (1.1)	195 (1.6)	202 (1.6)	208 (2.2)	208 (2.0)	212 (1.6)	212 (1.4)	211 (1.6)	224 (2.1)	221 (2.1)	224 (1.9)	226 (1.8)
Hispanic .....	202 (2.4)	203 (2.2)	204 (1.3)	205 (2.1)	214 (2.1)	212 (2.3)	210 (2.3)	215 (1.7)	213 (1.9)	230 (2.0)	229 (2.0)	234 (1.2)	234 (0.9)
Gap between White and Black score .....	35 (2.1)	32 (1.5)	29 (2.0)	25 (2.0)	27 (2.4)	27 (2.2)	25 (1.8)	25 (1.8)	28 (1.8)	23 (2.2)	24 (2.2)	26 (2.1)	25 (2.1)
Gap between White and Hispanic score .....	23 (2.6)	21 (2.4)	20 (1.7)	21 (2.3)	21 (2.3)	23 (2.5)	27 (2.5)	22 (2.0)	26 (2.1)	18 (2.2)	16 (2.1)	16 (1.4)	17 (1.5)
<b>13-year-olds</b>													
<b>All students</b> .....	<b>266 (1.1)</b>	<b>264 (1.1)</b>	<b>269 (1.1)</b>	<b>269 (1.2)</b>	<b>270 (0.9)</b>	<b>273 (0.9)</b>	<b>274 (1.0)</b>	<b>274 (0.8)</b>	<b>276 (0.8)</b>	<b>281 (1.0)</b>	<b>279 (1.0)</b>	<b>281 (0.9)</b>	<b>285 (1.1)</b>
Sex													
Male .....	265 (1.3)	264 (1.3)	269 (1.4)	270 (1.1)	271 (1.2)	274 (1.1)	276 (1.3)	276 (0.9)	277 (0.9)	283 (1.2)	279 (1.0)	284 (1.0)	286 (1.3)
Female .....	267 (1.1)	265 (1.1)	268 (1.1)	268 (1.5)	270 (0.9)	272 (1.0)	273 (1.0)	272 (1.0)	274 (1.1)	279 (1.0)	278 (1.2)	279 (1.0)	284 (1.1)
Gap between female and male score .....	2 (1.7)	1 (1.7)	-1 (1.7)	-2 (1.9)	-2 (1.5)	-2 (1.5)	-3 (1.6)	-4 (1.4)	-3 (1.4)	-3 (1.6)	-1 (1.6)	-4 (1.4)	-2 (1.7)
Race/ethnicity													
White .....	274 (0.9)	272 (0.8)	274 (1.0)	274 (1.3)	276 (1.1)	279 (0.9)	281 (0.9)	281 (0.9)	283 (0.8)	288 (0.9)	287 (0.9)	290 (1.2)	293 (1.1)
Black .....	228 (1.9)	230 (1.9)	240 (1.6)	249 (2.3)	249 (2.3)	250 (1.9)	252 (3.5)	252 (1.3)	251 (2.6)	262 (1.6)	257 (1.8)	262 (1.2)	264 (1.9)
Hispanic .....	239 (2.2)	238 (2.0)	252 (1.7)	254 (2.9)	255 (1.8)	259 (1.8)	256 (1.9)	256 (1.6)	259 (1.7)	265 (2.0)	264 (1.5)	268 (1.2)	271 (1.4)
Gap between White and Black score .....	46 (2.1)	42 (2.1)	34 (1.9)	24 (2.6)	27 (2.6)	29 (2.1)	29 (3.7)	29 (1.6)	32 (2.7)	27 (1.8)	30 (2.1)	28 (1.7)	28 (2.2)
Gap between White and Hispanic score .....	35 (2.4)	34 (2.1)	22 (1.9)	19 (3.2)	22 (2.1)	20 (2.0)	25 (2.1)	25 (1.9)	24 (1.9)	23 (2.2)	23 (1.8)	23 (1.7)	21 (1.8)
Parents' highest level of education													
Did not finish high school .....	— (†)	245 (1.2)	251 (1.4)	252 (2.3)	253 (1.8)	256 (1.0)	255 (2.1)	254 (2.4)	256 (2.8)	262 (2.2)	263 (1.9)	268 (1.3)	266 (2.5)
Graduated high school .....	— (†)	263 (1.0)	263 (0.8)	263 (1.2)	263 (1.2)	263 (1.2)	266 (1.1)	267 (1.1)	264 (1.1)	271 (1.7)	270 (1.3)	272 (1.1)	270 (1.1)
Some education after high school .....	— (†)	273 (1.2)	275 (0.9)	274 (0.8)	277 (1.0)	278 (1.0)	277 (1.6)	277 (1.4)	279 (0.9)	283 (1.0)	282 (1.4)	285 (1.1)	286 (1.4)
Graduated college .....	— (†)	284 (1.2)	282 (1.5)	280 (1.4)	280 (1.0)	283 (1.0)	285 (1.2)	283 (1.2)	286 (1.0)	292 (0.9)	289 (1.1)	291 (1.0)	296 (1.3)
<b>17-year-olds</b>													
<b>All students</b> .....	<b>304 (1.1)</b>	<b>300 (1.0)</b>	<b>298 (0.9)</b>	<b>302 (0.9)</b>	<b>305 (0.9)</b>	<b>307 (0.9)</b>	<b>306 (1.0)</b>	<b>307 (1.2)</b>	<b>308 (1.0)</b>	<b>307 (0.8)</b>	<b>305 (0.7)</b>	<b>306 (0.6)</b>	<b>306 (0.8)</b>
Sex													
Male .....	309 (1.2)	304 (1.0)	301 (1.0)	305 (1.2)	306 (1.1)	309 (1.1)	309 (1.4)	310 (1.3)	310 (1.4)	308 (1.0)	307 (0.9)	309 (0.7)	308 (1.0)
Female .....	301 (1.1)	297 (1.0)	296 (1.0)	299 (1.0)	303 (1.1)	305 (1.1)	304 (1.1)	305 (1.4)	307 (1.0)	305 (0.9)	304 (0.8)	303 (0.8)	304 (0.8)
Gap between female and male score .....	-8 (1.6)	-7 (1.4)	-6 (1.4)	-5 (1.5)	-3 (1.5)	-4 (1.5)	-4 (1.8)	-5 (1.9)	-3 (1.7)	-3 (1.4)	-3 (1.2)	-5 (1.1)	-4 (1.3)
Race/ethnicity													
White .....	310 (1.1)	306 (0.9)	304 (0.9)	308 (1.0)	309 (1.0)	312 (0.8)	312 (1.1)	313 (1.4)	315 (1.1)	313 (0.7)	311 (0.7)	314 (0.7)	314 (1.0)
Black .....	270 (1.3)	268 (1.3)	272 (1.2)	279 (2.1)	289 (2.8)	286 (2.2)	286 (1.8)	286 (1.7)	283 (1.5)	285 (1.6)	284 (1.4)	287 (1.2)	288 (1.3)
Hispanic .....	277 (2.2)	276 (2.3)	277 (1.8)	283 (2.9)	284 (2.9)	292 (2.6)	291 (3.7)	292 (2.1)	293 (2.5)	289 (1.8)	292 (1.2)	293 (1.1)	294 (1.1)
Gap between White and Black score .....	40 (1.7)	38 (1.6)	32 (1.5)	29 (2.3)	21 (3.0)	26 (2.4)	27 (2.1)	27 (2.2)	31 (1.9)	28 (1.8)	27 (1.6)	26 (1.4)	26 (1.6)
Gap between White and Hispanic score .....	33 (2.5)	30 (2.4)	27 (2.0)	24 (3.0)	26 (3.1)	20 (2.8)	22 (3.9)	21 (2.5)	22 (2.7)	24 (1.9)	19 (1.4)	21 (1.3)	19 (1.5)
Parents' highest level of education													
Did not finish high school .....	— (†)	280 (1.2)	279 (1.0)	279 (2.3)	285 (2.2)	285 (2.3)	284 (2.4)	281 (2.4)	289 (1.8)	287 (2.4)	287 (1.2)	292 (1.3)	290 (1.4)
Graduated high school .....	— (†)	294 (0.8)	293 (0.8)	293 (1.0)	294 (0.9)	298 (1.7)	295 (1.1)	297 (2.4)	299 (1.6)	295 (1.1)	294 (0.9)	296 (1.2)	291 (1.1)
Some education after high school .....	— (†)	305 (0.9)	304 (0.9)	305 (1.2)	308 (1.0)	308 (1.1)	305 (1.3)	307 (1.5)	308 (1.6)	306 (1.1)	305 (0.9)	306 (0.8)	306 (0.9)
Graduated college .....	— (†)	317 (1.0)	312 (1.0)	314 (1.4)	316 (1.3)	316 (1.0)	318 (1.4)	317 (1.3)	317 (1.2)	317 (0.9)	315 (0.9)	316 (0.7)	317 (0.8)

—Not available.

†Not applicable.

#Rounds to zero.

<sup>1</sup>In 2004, two assessments were conducted—one using the same format that was used in previous assessments, and one using a revised assessment format that provides accommodations for students with disabilities and for English language learners. The 2004 data in column 11 are for the format that was used in previous assessment years, while the 2004 data in column 12 are for the revised format. In subsequent years, only the revised format was used.

NOTE: Scale ranges from 0 to 500. Students scoring 150 (or higher) know some basic addition and subtraction facts. Students scoring 200 have a considerable understanding of two-digit numbers and know some basic multiplication and division facts. Students scoring 250 have an initial understanding of the four basic operations and are developing an ability to analyze simple logical relations. Students scoring 300 can perform reasoning

and problem solving involving fractions, decimals, percents, elementary geometry, and simple algebra. Students scoring 350 can perform reasoning and problem solving involving geometry, algebra, and beginning statistics and probability. Includes public and private schools. For assessment years prior to 2004, accommodations were not permitted. For 2004 (revised format) and later years, includes students tested with accommodations; excludes only those students with disabilities and English language learners who were unable to be tested even with accommodations (1 to 4 percent of all students, depending on age and assessment year). Race categories exclude persons of Hispanic ethnicity. Totals include other racial/ethnic groups not shown separately.

SOURCE: U.S. Department of Education, National Center for Education Statistics, National Assessment of Educational Progress (NAEP), *NAEP 2012 Trends in Academic Progress*; and 2012 NAEP Long-Term Trend Mathematics Assessment, retrieved August 29, 2013, from Long-Term Trend NAEP Data Explorer (<http://nces.ed.gov/nationsreportcard/naepdata/>). (This table was prepared August 2013.)

**Table 223.10. Average National Assessment of Educational Progress (NAEP) science scale score, standard deviation, and percentage of students attaining science achievement levels, by grade level, selected student and school characteristics, and percentile: 2009, 2011, and 2015**

[Standard errors appear in parentheses]

Selected characteristic, percentile, and achievement level	Grade 4			Grade 8			Grade 12		
	2009	2011	2015	2009	2011	2015	2009	2011	2015
1	2	3	4	5	6	7	8	9	10
	Average science scale score <sup>1</sup>								
<b>All students</b> .....	<b>150 (0.3)</b>	<b>— (†)</b>	<b>154 (0.3)</b>	<b>150 (0.3)</b>	<b>152 (0.3)</b>	<b>154 (0.3)</b>	<b>150 (0.8)</b>	<b>— (†)</b>	<b>150 (0.6)</b>
<b>Sex</b>									
Male .....	151 (0.3)	— (†)	154 (0.4)	152 (0.4)	154 (0.3)	155 (0.3)	153 (0.9)	— (†)	153 (0.8)
Female .....	149 (0.3)	— (†)	154 (0.3)	148 (0.3)	149 (0.3)	152 (0.4)	147 (0.9)	— (†)	148 (0.7)
Gap between male and female score .....	1 (0.4)	— (†)	1 (0.5)	4 (0.5)	5 (0.5)	3 (0.5)	6 (1.3)	— (†)	5 (1.0)
<b>Race/ethnicity</b>									
White .....	163 (0.2)	— (†)	166 (0.3)	162 (0.2)	163 (0.2)	166 (0.3)	159 (0.7)	— (†)	160 (0.7)
Black .....	127 (0.4)	— (†)	133 (0.4)	126 (0.4)	129 (0.5)	132 (0.5)	125 (1.2)	— (†)	125 (1.5)
Hispanic .....	131 (0.5)	— (†)	139 (0.7)	132 (0.6)	137 (0.5)	140 (0.5)	134 (1.3)	— (†)	136 (1.0)
Asian/Pacific Islander .....	160 (1.2)	— (†)	167 (1.4)	160 (1.0)	159 (1.3)	164 (0.9)	164 (3.0)	— (†)	166 (2.3)
Asian .....	— (†)	— (†)	169 (1.4)	— (†)	161 (1.3)	166 (0.9)	— (†)	— (†)	167 (2.3)
Pacific Islander .....	— (†)	— (†)	143 (2.2)	— (†)	139 (1.9)	138 (2.5)	— (†)	— (†)	‡ (†)
American Indian/Alaska Native .....	135 (1.3)	— (†)	139 (1.5)	137 (1.4)	141 (1.4)	139 (1.6)	144 (3.7)	— (†)	135 (5.3)
Two or more races <sup>2</sup> .....	154 (1.1)	— (†)	158 (1.0)	151 (1.2)	156 (1.3)	159 (1.3)	151 (3.7)	— (†)	156 (2.5)
Gap between White and Black score .....	36 (0.4)	— (†)	33 (0.5)	36 (0.5)	35 (0.6)	34 (0.5)	34 (1.4)	— (†)	36 (1.6)
Gap between White and Hispanic score .....	32 (0.6)	— (†)	27 (0.7)	30 (0.6)	27 (0.6)	26 (0.6)	25 (1.5)	— (†)	24 (1.2)
<b>English language learner (ELL) status</b>									
ELL .....	114 (0.8)	— (†)	121 (1.0)	103 (1.0)	106 (1.2)	110 (1.1)	104 (2.4)	— (†)	105 (2.7)
Non-ELL .....	154 (0.2)	— (†)	158 (0.3)	153 (0.3)	154 (0.2)	157 (0.3)	151 (0.8)	— (†)	152 (0.5)
Gap between ELL and non-ELL score .....	39 (0.8)	— (†)	36 (1.0)	49 (1.0)	48 (1.3)	46 (1.2)	47 (2.6)	— (†)	47 (2.7)
<b>Disability status<sup>3</sup></b>									
Identified as student with disability (SD) .....	129 (0.6)	— (†)	131 (0.6)	123 (0.5)	124 (0.6)	124 (0.6)	121 (1.8)	— (†)	124 (1.8)
Not identified as SD .....	153 (0.3)	— (†)	157 (0.3)	153 (0.3)	155 (0.3)	158 (0.3)	153 (0.8)	— (†)	153 (0.6)
Gap between SD and non-SD score .....	23 (0.7)	— (†)	26 (0.7)	31 (0.6)	31 (0.7)	34 (0.7)	31 (2.0)	— (†)	29 (1.9)
<b>Highest education level of either parent</b>									
Did not finish high school .....	— (†)	— (†)	— (†)	131 (0.6)	132 (0.7)	137 (0.7)	131 (1.4)	— (†)	131 (1.4)
Graduated high school .....	— (†)	— (†)	— (†)	139 (0.4)	140 (0.4)	142 (0.5)	138 (1.2)	— (†)	136 (1.2)
Some education after high school .....	— (†)	— (†)	— (†)	152 (0.4)	153 (0.4)	155 (0.5)	147 (0.9)	— (†)	148 (0.9)
Graduated college .....	— (†)	— (†)	— (†)	161 (0.4)	162 (0.3)	165 (0.3)	161 (0.7)	— (†)	162 (0.7)
<b>Percent of students in school eligible for free or reduced-price lunch</b>									
0–25 percent eligible (low poverty) .....	167 (0.4)	— (†)	172 (0.6)	165 (0.5)	167 (0.4)	170 (0.6)	163 (1.2)	— (†)	165 (1.1)
26–50 percent eligible .....	155 (0.5)	— (†)	161 (0.7)	154 (0.5)	157 (0.5)	161 (0.5)	148 (1.1)	— (†)	154 (1.0)
51–75 percent eligible .....	144 (0.5)	— (†)	151 (0.7)	141 (0.6)	146 (0.5)	150 (0.6)	136 (1.7)	— (†)	143 (1.1)
76–100 percent eligible (high poverty) .....	126 (0.6)	— (†)	134 (0.6)	124 (0.7)	129 (0.7)	134 (0.8)	124 (2.1)	— (†)	126 (1.7)
Gap between low- and high-poverty score .....	41 (0.8)	— (†)	38 (0.8)	41 (0.9)	38 (0.8)	36 (1.0)	38 (2.5)	— (†)	39 (2.0)
<b>School locale</b>									
City .....	142 (0.6)	— (†)	148 (0.6)	142 (0.6)	144 (0.6)	148 (0.6)	146 (1.8)	— (†)	145 (1.2)
Suburban .....	154 (0.4)	— (†)	157 (0.6)	154 (0.5)	155 (0.5)	158 (0.4)	154 (1.4)	— (†)	153 (1.0)
Town .....	150 (0.6)	— (†)	153 (0.8)	149 (1.0)	153 (0.7)	154 (0.7)	150 (1.2)	— (†)	150 (2.1)
Rural .....	155 (0.5)	— (†)	157 (0.7)	154 (0.4)	156 (0.5)	156 (0.6)	150 (1.2)	— (†)	152 (1.3)
<b>Percentile<sup>4</sup></b>									
10th .....	104 (0.6)	— (†)	108 (0.6)	103 (0.6)	106 (0.5)	109 (0.6)	104 (1.2)	— (†)	103 (1.0)
25th .....	128 (0.4)	— (†)	132 (0.4)	128 (0.4)	131 (0.4)	133 (0.5)	126 (0.8)	— (†)	126 (0.9)
50th .....	153 (0.3)	— (†)	157 (0.4)	153 (0.3)	155 (0.3)	157 (0.4)	151 (1.1)	— (†)	151 (0.6)
75th .....	175 (0.3)	— (†)	178 (0.3)	175 (0.2)	176 (0.4)	178 (0.4)	174 (1.0)	— (†)	176 (0.6)
90th .....	192 (0.3)	— (†)	196 (0.4)	192 (0.3)	193 (0.4)	195 (0.3)	194 (1.0)	— (†)	196 (0.6)
	Standard deviation of the science scale score <sup>5</sup>								
All students .....	35 (0.2)	— (†)	35 (0.2)	35 (0.2)	34 (0.2)	34 (0.2)	35 (0.4)	— (†)	36 (0.4)
	Percent of students attaining science achievement levels								
<b>Achievement level</b>									
Below <i>Basic</i> .....	28 (0.3)	— (†)	24 (0.3)	37 (0.4)	35 (0.3)	32 (0.4)	40 (1.0)	— (†)	40 (0.7)
At or above <i>Basic</i> <sup>6</sup> .....	72 (0.3)	— (†)	76 (0.3)	63 (0.4)	65 (0.3)	68 (0.4)	60 (1.0)	— (†)	60 (0.7)
At or above <i>Proficient</i> <sup>7</sup> .....	34 (0.3)	— (†)	38 (0.4)	30 (0.3)	32 (0.4)	34 (0.4)	21 (0.8)	— (†)	22 (0.6)
At <i>Advanced</i> <sup>8</sup> .....	1 (0.1)	— (†)	1 (0.1)	2 (0.1)	2 (0.1)	2 (0.1)	1 (0.2)	— (†)	2 (0.2)

—Not available.

†Not applicable.

‡Reporting standards not met (too few cases for a reliable estimate).

<sup>1</sup>Scale ranges from 0 to 300 for all three grades, but scores cannot be compared across grades. For example, the average score of 166 for White 4th-graders in 2015 does not denote higher performance than the score of 160 for White 12th-graders.

<sup>2</sup>Prior to 2011, students in the “Two or more races” category were categorized as “Unclassified.”

<sup>3</sup>The student with disability (SD) variable used in this table includes students who have a 504 plan, even if they do not have an Individualized Education Plan (IEP).

<sup>4</sup>The percentile represents a specific point on the percentage distribution of all students ranked by their science score from low to high. For example, 10 percent of students scored at or below the 10th percentile score, while 90 percent of students scored above it.

<sup>5</sup>The standard deviation provides an indication of how much the test scores varied. The lower the standard deviation, the closer the scores were clustered around the average score. About two-thirds of the student scores can be expected to fall within the range of one standard deviation above and one standard deviation below the average score. In 2015, for example, the average score for all 4th-graders was 154, and the standard

deviation was 35. This means that one would expect about two-thirds of the students to have scores between 119 (one standard deviation above the average) and 119 (one standard deviation below). Standard errors also must be taken into account when making comparisons of these ranges.

<sup>6</sup>*Basic* denotes partial mastery of the knowledge and skills that are fundamental for proficient work.

<sup>7</sup>*Proficient* represents solid academic performance. Students reaching this level have demonstrated competency over challenging subject matter.

<sup>8</sup>*Advanced* signifies superior performance.

NOTE: In 2011, only 8th-grade students were assessed in science. Includes students tested with accommodations (7 to 14 percent of all students, depending on grade level and year); excludes only those students with disabilities and English language learners who were unable to be tested even with accommodations (1 to 3 percent of all students). Race categories exclude persons of Hispanic ethnicity.

SOURCE: U.S. Department of Education, National Center for Education Statistics, National Assessment of Educational Progress (NAEP), 2009, 2011, and 2015 Science Assessments, retrieved January 10, 2017, from the Main NAEP Data Explorer (<http://nces.ed.gov/nationsreportcard/naepdata/>). (This table was prepared January 2017.)

**Table 224.10. Average National Assessment of Educational Progress (NAEP) music and visual arts scale scores of 8th-graders, percentage distribution by frequency of instruction at their school, and percentage participating in selected musical activities in school, by selected characteristics: 2016**

[Standard errors appear in parentheses]

Selected characteristic	Average scale score <sup>1</sup>		Percentage distribution of students by school-reported frequency of instruction <sup>2</sup>										Percent of students reporting participation in musical activities in school		
	Music <sup>3</sup>	Visual arts <sup>4</sup>	Music					Visual arts					Play in band	Play in orchestra	Sing in chorus or choir
			Subject not offered	Less than once a week	Once or twice a week	3 or 4 times a week	Every day	Subject not offered	Less than once a week	Once or twice a week	3 or 4 times a week	Every day			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
<b>All students</b> .....	<b>147 (1.0)</b>	<b>149 (0.9)</b>	<b>8 (1.7)</b>	<b>5 (1.4)</b>	<b>23 (3.0)</b>	<b>19 (3.0)</b>	<b>45 (3.4)</b>	<b>14 (3.0)</b>	<b>7 (1.8)</b>	<b>24 (3.1)</b>	<b>18 (2.9)</b>	<b>37 (3.5)</b>	<b>17 (0.8)</b>	<b>5 (0.6)</b>	<b>16 (1.0)</b>
<b>Sex</b>															
Male .....	140 (1.1)	142 (1.1)	7 (1.6)	5 (1.4)	24 (3.2)	19 (3.0)	45 (3.3)	14 (3.0)	7 (1.8)	24 (3.2)	18 (2.8)	37 (3.4)	18 (1.0)	5 (0.7)	8 (0.9)
Female .....	155 (1.1)	156 (1.0)	9 (1.9)	5 (1.3)	22 (2.8)	19 (3.1)	45 (3.5)	14 (3.0)	7 (1.8)	23 (3.1)	19 (2.9)	37 (3.7)	16 (1.2)	6 (0.7)	24 (1.3)
<b>Race/ethnicity</b>															
White .....	158 (1.2)	158 (1.1)	8 (2.2)	4 (1.6)	27 (4.2)	19 (4.2)	42 (4.2)	13 (3.9)	8 (2.6)	28 (4.2)	17 (3.5)	34 (4.4)	19 (1.3)	5 (0.9)	19 (1.5)
Black .....	129 (2.0)	128 (2.0)	9 (3.8)	10 (3.7)	21 (4.2)	16 (4.2)	43 (5.0)	20 (5.5)	7 (2.9)	17 (3.7)	19 (4.5)	37 (4.9)	12 (1.6)	4 (1.0)	16 (1.5)
Hispanic .....	135 (1.2)	139 (1.3)	9 (2.5)	4 (1.6)	17 (3.0)	17 (3.3)	53 (3.8)	15 (3.5)	5 (1.7)	18 (3.1)	17 (3.3)	44 (3.9)	15 (1.2)	5 (0.8)	10 (1.1)
Asian .....	163 (2.5)	167 (2.6)	2 (1.2)	4 (2.4)	22 (5.4)	34 (6.2)	38 (6.2)	4 (1.7)	6 (2.5)	26 (5.6)	32 (5.8)	32 (5.5)	17 (2.5)	15 (2.5)	13 (2.3)
Pacific Islander .....	† (†)	† (†)	† (†)	† (†)	† (†)	† (†)	† (†)	† (†)	† (†)	† (†)	† (†)	† (†)	† (†)	† (†)	† (†)
American Indian/Alaska Native .....	† (†)	† (†)	† (†)	† (†)	† (†)	† (†)	† (†)	† (†)	† (†)	† (†)	† (†)	† (†)	† (†)	† (†)	† (†)
Two or more races .....	149 (3.3)	155 (4.5)	4 (2.1)	6 (2.2)	14 (3.0)	20 (4.4)	56 (5.9)	9 (3.2)	3 (1.9)	26 (4.8)	25 (7.0)	37 (6.6)	21 (4.1)	3 (1.9)	24 (3.6)
<b>Free or reduced-price lunch eligibility</b>															
Eligible .....	134 (1.1)	137 (1.2)	9 (2.1)	5 (1.7)	20 (3.3)	17 (3.2)	48 (4.0)	18 (3.8)	5 (1.6)	18 (3.4)	17 (3.1)	42 (4.5)	15 (1.0)	4 (0.7)	14 (1.2)
Not eligible .....	160 (1.1)	159 (1.2)	6 (1.8)	4 (1.7)	22 (3.5)	22 (4.3)	47 (4.2)	12 (3.9)	9 (2.8)	24 (4.0)	20 (3.9)	36 (3.8)	19 (1.4)	7 (1.1)	18 (1.5)
Unknown .....	157 (3.1)	161 (3.7)	13 (8.0)	8 (†)	49 (11.1)	12 (6.3)	17 (7.9)	2 (†)	12 (7.0)	57 (10.0)	16 (7.3)	12 (7.8)	16 (2.7)	4 (0.9)	18 (3.4)
<b>Control of school</b>															
Public .....	146 (1.0)	148 (0.9)	8 (1.7)	5 (1.4)	20 (3.1)	20 (3.2)	48 (3.6)	15 (3.2)	6 (1.9)	21 (3.4)	19 (3.0)	39 (3.7)	17 (0.9)	6 (0.7)	15 (1.0)
Private .....	160 (2.6)	164 (3.2)	14 (8.5)	8 (†)	59 (10.8)	8 (4.5)	10 (†)	5 (†)	17 (8.2)	61 (10.2)	11 (5.8)	6 (1.3)	16 (2.9)	3 (0.8)	23 (4.3)
<b>School location</b>															
City .....	140 (1.9)	145 (1.8)	7 (2.8)	6 (2.8)	25 (4.4)	18 (4.7)	43 (5.1)	13 (3.6)	2 (1.7)	29 (4.1)	19 (4.6)	36 (4.6)	13 (1.1)	6 (0.9)	14 (1.4)
Suburban .....	153 (1.5)	152 (1.6)	4 (1.7)	3 (1.7)	26 (4.2)	18 (4.2)	49 (5.1)	11 (2.0)	9 (2.9)	21 (3.9)	21 (4.8)	38 (5.3)	16 (1.3)	7 (1.1)	16 (1.3)
Town .....	143 (4.4)	147 (3.6)	25 (11.3)	4 (0.7)	8 (1.8)	31 (12.1)	32 (9.2)	26 (12.9)	8 (5.2)	19 (9.4)	12 (7.8)	34 (9.0)	22 (5.2)	1 (0.4)	19 (4.2)
Rural .....	149 (2.1)	148 (2.0)	14 (5.7)	7 (3.6)	18 (4.8)	18 (6.7)	43 (7.6)	17 (8.5)	9 (5.6)	24 (7.8)	13 (5.7)	37 (8.3)	21 (2.0)	2 (0.8)	19 (2.8)
<b>Region</b>															
Northeast .....	152 (2.3)	160 (1.4)	3 (0.4)	9 (5.4)	61 (11.2)	25 (8.3)	2 (1.1)	8 (1.0)	11 (5.9)	54 (8.8)	22 (6.1)	4 (†)	17 (1.8)	8 (2.8)	24 (2.7)
Midwest .....	152 (2.2)	148 (2.2)	9 (4.3)	4 (†)	23 (5.1)	27 (8.9)	37 (9.4)	11 (3.6)	11 (5.2)	31 (7.9)	19 (6.3)	29 (8.8)	20 (2.5)	6 (1.3)	20 (3.7)
South .....	146 (1.6)	146 (1.7)	10 (3.6)	6 (1.9)	15 (4.4)	11 (3.5)	58 (5.8)	16 (6.6)	6 (2.7)	14 (5.2)	12 (4.0)	52 (6.1)	17 (1.3)	5 (0.5)	14 (0.9)
West .....	143 (1.6)	148 (1.4)	7 (2.3)	2 (0.1)	11 (3.4)	23 (5.2)	57 (5.1)	17 (5.1)	3 (†)	12 (3.0)	27 (6.3)	42 (5.5)	14 (1.2)	5 (0.8)	11 (1.4)
<b>Frequency of instruction<sup>2,5</sup></b>															
Subject not offered .....	133 (3.3)	139 (2.6)	† (†)	† (†)	† (†)	† (†)	† (†)	† (†)	† (†)	† (†)	† (†)	† (†)	13 (2.9)	# (†)	13 (3.4)
Less than once a week .....	145 (5.9)	153 (5.5)	† (†)	† (†)	† (†)	† (†)	† (†)	† (†)	† (†)	† (†)	† (†)	† (†)	14 (2.7)	3 (1.2)	19 (5.0)
Once or twice a week .....	151 (2.1)	155 (2.5)	† (†)	† (†)	† (†)	† (†)	† (†)	† (†)	† (†)	† (†)	† (†)	† (†)	18 (1.7)	6 (1.7)	20 (2.2)
3 or 4 times a week .....	152 (3.4)	150 (2.5)	† (†)	† (†)	† (†)	† (†)	† (†)	† (†)	† (†)	† (†)	† (†)	† (†)	18 (3.0)	8 (1.3)	16 (2.0)
Every day .....	147 (1.7)	149 (1.7)	† (†)	† (†)	† (†)	† (†)	† (†)	† (†)	† (†)	† (†)	† (†)	† (†)	17 (1.2)	5 (0.6)	14 (1.1)

†Not applicable.

#Rounds to zero.

‡Reporting standards not met (too few cases for a reliable estimate).

<sup>1</sup>Scale ranges from 0 to 300 for both music and visual arts.

<sup>2</sup>Based on principals' responses to the following question: "How often does a typical eighth-grade student in your school receive instruction in each of the following subjects?"

<sup>3</sup>Students were asked to analyze, interpret, or critique a piece of music that they listened to or to describe the social, historical, or cultural context of a piece of music.

<sup>4</sup>Students were asked to analyze, describe, or judge works of art and design to show understanding of form, aesthetics, and cultural or historical context.

<sup>5</sup>For columns 2, 14, 15, and 16, refers to music instruction. For column 3, refers to visual arts instruction.

NOTE: Includes students tested with accommodations (10 percent of all 8th-graders for visual arts and 11 percent for music); excludes only those students with disabilities and English language learners who were unable to be tested even with accommodations (2 percent of all 8th-graders both for visual arts and for music). Detail may not sum to totals because of rounding. Race categories exclude persons of Hispanic ethnicity.

SOURCE: U.S. Department of Education, National Center for Education Statistics, National Assessment of Educational Progress (NAEP), 2016 Arts Assessment, retrieved May 11, 2017, from the Main NAEP Data Explorer (<http://nces.ed.gov/nationsreportcard/naepdata/>). (This table was prepared May 2017.)

**Table 224.70. Average National Assessment of Educational Progress (NAEP) technology and engineering literacy (TEL) scale score of 8th-graders, their scores on the three TEL content areas, and percentage attaining TEL achievement levels, by selected student and school characteristics: 2014**

[Standard errors appear in parentheses]

Selected student or school characteristic	Average scale score <sup>1</sup>				Percent attaining TEL achievement levels <sup>2</sup>			
	Overall TEL score	Content area			Below <i>Basic</i> <sup>3</sup>	At or above <i>Basic</i> <sup>3</sup>	At or above <i>Proficient</i> <sup>4</sup>	At <i>Advanced</i> <sup>5</sup>
		Technology and society	Design and systems	Information and communication technology				
1	2	3	4	5	6	7	8	9
<b>All students</b> .....	<b>150 (0.6)</b>	<b>150 (0.6)</b>	<b>150 (0.6)</b>	<b>150 (0.6)</b>	<b>17 (0.4)</b>	<b>83 (0.4)</b>	<b>43 (0.7)</b>	<b>3 (0.2)</b>
<b>Sex</b>								
Male .....	149 (0.7)	149 (0.7)	150 (0.7)	147 (0.7)	18 (0.6)	82 (0.6)	42 (0.9)	3 (0.3)
Female .....	151 (0.6)	151 (0.6)	150 (0.7)	153 (0.7)	15 (0.5)	85 (0.5)	45 (0.7)	3 (0.3)
<b>Race/ethnicity</b>								
White .....	160 (0.8)	160 (0.9)	161 (0.9)	159 (0.8)	9 (0.5)	91 (0.5)	56 (1.0)	5 (0.4)
Black .....	128 (1.1)	129 (1.1)	127 (1.2)	130 (1.2)	35 (1.6)	65 (1.6)	18 (1.0)	# (†)
Hispanic .....	138 (0.7)	138 (0.8)	138 (0.8)	138 (1.0)	24 (0.7)	76 (0.7)	28 (1.1)	1 (0.2)
Asian .....	160 (1.8)	158 (1.8)	158 (2.0)	163 (1.9)	11 (1.4)	89 (1.4)	56 (2.4)	7 (1.1)
Pacific Islander .....	142 (2.9)	141 (4.4)	147 (6.7)	137 (4.5)	18 (4.1)	82 (4.1)	30 (6.8)	# (†)
American Indian/Alaska Native .....	146 (4.6)	147 (4.9)	148 (4.6)	147 (4.3)	20 (5.1)	80 (5.1)	42 (6.2)	2 (†)
Two or more races .....	154 (2.6)	156 (3.0)	154 (3.0)	152 (2.8)	12 (2.6)	88 (2.6)	45 (3.6)	5 (1.8)
<b>English language learner (ELL) status</b>								
ELL .....	108 (1.4)	110 (1.5)	111 (1.7)	107 (1.7)	59 (2.1)	41 (2.1)	5 (0.9)	# (†)
Non-ELL .....	152 (0.6)	152 (0.6)	152 (0.6)	152 (0.6)	14 (0.5)	86 (0.5)	45 (0.7)	4 (0.2)
<b>Disability status<sup>6</sup></b>								
Identified as student with disability (SD) ...	116 (1.1)	119 (1.2)	117 (1.3)	115 (1.3)	51 (1.4)	49 (1.4)	13 (1.1)	1 (0.3)
Not identified as SD .....	155 (0.6)	154 (0.6)	154 (0.6)	155 (0.6)	12 (0.4)	88 (0.4)	47 (0.8)	4 (0.2)
<b>Use of computer at home</b>								
Yes .....	152 (0.6)	152 (0.6)	152 (0.7)	152 (0.7)	15 (0.5)	85 (0.5)	46 (0.8)	4 (0.2)
No .....	128 (1.1)	130 (1.2)	129 (1.3)	128 (1.2)	35 (1.3)	65 (1.3)	19 (1.4)	1 (0.2)
<b>Access to Internet at home<sup>7</sup></b>								
Yes .....	152 (0.6)	152 (0.6)	152 (0.6)	152 (0.6)	15 (0.4)	85 (0.4)	45 (0.7)	4 (0.2)
No .....	124 (1.6)	126 (1.6)	125 (1.7)	124 (1.7)	40 (1.8)	60 (1.8)	19 (1.5)	1 (0.3)
<b>Highest education level of either parent<sup>8</sup></b>								
Did not finish high school .....	133 (0.9)	133 (1.1)	135 (1.3)	132 (1.2)	28 (1.3)	72 (1.3)	20 (1.4)	# (†)
Graduated high school .....	137 (1.0)	138 (1.0)	137 (1.1)	137 (1.0)	26 (1.1)	74 (1.1)	27 (1.1)	1 (0.3)
Some education after high school .....	152 (0.8)	152 (0.8)	151 (1.0)	152 (0.9)	11 (0.8)	89 (0.8)	44 (1.3)	2 (0.4)
Graduated college .....	159 (0.7)	159 (0.8)	159 (0.7)	159 (0.7)	11 (0.5)	89 (0.5)	55 (1.0)	5 (0.4)
<b>Percent of students in school eligible for free or reduced-price lunch</b>								
0 to 25 percent eligible .....	167 (1.0)	166 (1.2)	166 (1.2)	167 (1.2)	6 (0.6)	94 (0.6)	65 (1.4)	8 (0.8)
26 to 50 percent eligible .....	155 (1.0)	155 (1.1)	155 (1.1)	155 (1.1)	12 (0.7)	88 (0.7)	49 (1.3)	4 (0.4)
51 to 75 percent eligible .....	143 (0.8)	143 (0.9)	144 (1.1)	142 (1.0)	21 (0.9)	79 (0.9)	34 (1.1)	1 (0.2)
76 to 100 percent eligible .....	132 (1.1)	132 (1.1)	132 (1.1)	132 (1.2)	31 (1.3)	69 (1.3)	21 (1.1)	1 (0.2)
<b>School control</b>								
Public .....	149 (0.6)	149 (0.6)	149 (0.6)	149 (0.6)	17 (0.5)	83 (0.5)	42 (0.7)	3 (0.2)
Private .....	164 (1.6)	165 (1.6)	162 (1.8)	163 (1.4)	7 (1.0)	93 (1.0)	60 (2.3)	6 (1.0)
<b>School locale</b>								
City .....	144 (1.0)	145 (1.0)	144 (1.0)	145 (1.0)	22 (0.9)	78 (0.9)	37 (1.1)	3 (0.3)
Suburb .....	154 (1.0)	154 (1.0)	153 (1.1)	154 (1.0)	15 (0.8)	85 (0.8)	48 (1.2)	5 (0.4)
Town .....	149 (1.5)	148 (1.5)	151 (2.0)	148 (1.8)	16 (1.2)	84 (1.2)	42 (2.2)	2 (0.6)
Rural .....	152 (1.4)	151 (1.5)	153 (1.4)	151 (1.4)	14 (0.9)	86 (0.9)	45 (1.9)	3 (0.5)

†Not applicable.

#Rounds to zero.

<sup>1</sup>Scale ranges from 0 to 300.

<sup>2</sup>TEL achievement levels are for performance on the TEL assessment overall, rather than performance on any specific content area.

<sup>3</sup>*Basic* denotes partial mastery of the knowledge and skills that are fundamental for proficient work at a given grade.

<sup>4</sup>*Proficient* represents solid academic performance. Students reaching this level have demonstrated competency over challenging subject matter.

<sup>5</sup>*Advanced* signifies superior performance.

<sup>6</sup>The student with disability (SD) variable used in this table includes students who have a 504 plan, even if they do not have an Individualized Education Plan (IEP).

<sup>7</sup>"Access to the Internet" was one item on a list preceded by the question "Do you have the following in your home?" For each item, students could either select "Yes" or leave

the item blank. Students who left "Access to the Internet" blank are counted as having no internet access at home.

<sup>8</sup>These data are based on students' responses to questions about their parents' education level. Data for students whose parents have an unknown level of education are included in table totals, but not shown separately.

NOTE: Includes students tested with accommodations (10 percent of all 8th-graders); excludes only those students with disabilities and English language learners who were unable to be tested even with accommodations (1 percent of all 8th-graders). Race categories exclude persons of Hispanic ethnicity. Detail may not sum to totals because of rounding.

SOURCE: U.S. Department of Education, National Center for Education Statistics, National Assessment of Educational Progress (NAEP), 2014 Technology and Engineering Literacy (TEL) Assessment, retrieved September 18, 2016, from the Main NAEP Data Explorer (<http://nces.ed.gov/nationsreportcard/naepdata/>). (This table was prepared September 2016.)

**Table 225.10. Average number of Carnegie units earned by public high school graduates in various subject fields, by sex and race/ethnicity: Selected years, 1982 through 2009**

[Standard errors appear in parentheses]

Graduation year, sex, and race/ethnicity	Total	English	History/ social studies	Mathematics	Science					Foreign languages	Arts	Career/ technical (occupational) education <sup>1</sup>	Labor market, family, and consumer education <sup>2</sup>	Personal use <sup>3</sup>
					Total	Biology	Chemistry	Physics	Other science <sup>4</sup>					
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
<b>1982 graduates</b> .....	<b>21.58 (0.090)</b>	<b>3.93 (0.022)</b>	<b>3.16 (0.028)</b>	<b>2.63 (0.022)</b>	<b>2.20 (0.025)</b>	<b>0.94 (0.014)</b>	<b>0.34 (0.010)</b>	<b>0.17 (0.008)</b>	<b>0.73 (0.016)</b>	<b>0.99 (0.029)</b>	<b>1.47 (0.035)</b>	— (†)	— (†)	<b>2.58 (0.048)</b>
<b>Sex</b>														
Male .....	21.40 (0.108)	3.88 (0.026)	3.16 (0.034)	2.71 (0.030)	2.27 (0.031)	0.91 (0.016)	0.36 (0.014)	0.23 (0.012)	0.76 (0.018)	0.80 (0.030)	1.29 (0.044)	— (†)	— (†)	2.69 (0.056)
Female .....	21.75 (0.101)	3.98 (0.026)	3.15 (0.029)	2.57 (0.024)	2.13 (0.029)	0.97 (0.017)	0.33 (0.013)	0.12 (0.008)	0.71 (0.017)	1.17 (0.036)	1.63 (0.044)	— (†)	— (†)	2.48 (0.049)
<b>Race/ethnicity</b>														
White .....	21.69 (0.107)	3.90 (0.025)	3.19 (0.032)	2.68 (0.026)	2.27 (0.029)	0.97 (0.015)	0.38 (0.013)	0.20 (0.010)	0.73 (0.017)	1.06 (0.033)	1.53 (0.042)	— (†)	— (†)	2.52 (0.052)
Black .....	21.15 (0.169)	4.08 (0.050)	3.08 (0.054)	2.61 (0.043)	2.06 (0.049)	0.90 (0.033)	0.26 (0.023)	0.09 (0.011)	0.81 (0.033)	0.72 (0.067)	1.26 (0.063)	— (†)	— (†)	2.60 (0.094)
Hispanic .....	21.23 (0.122)	3.94 (0.037)	3.00 (0.037)	2.33 (0.040)	1.80 (0.038)	0.81 (0.025)	0.16 (0.012)	0.07 (0.007)	0.75 (0.026)	0.77 (0.042)	1.29 (0.054)	— (†)	— (†)	2.87 (0.081)
Asian/Pacific Islander ...	22.46 (0.216)	4.01 (0.091)	3.16 (0.094)	3.15 (0.095)	2.64 (0.125)	1.11 (0.048)	0.61 (0.046)	0.42 (0.048)	0.51 (0.061)	1.79 (0.105)	1.31 (0.124)	— (†)	— (†)	3.05 (0.146)
American Indian/ Alaska Native .....	21.45 (0.330)	3.98 (0.114)	3.25 (0.207)	2.35 (0.129)	2.04 (0.090)	0.84 (0.124)	0.42 (0.087)	0.12! (0.039)	0.67 (0.087)	0.48 (0.117)	1.72 (0.338)	— (†)	— (†)	2.84 (0.128)
<b>1987 graduates</b> .....	<b>23.00 (0.157)</b>	<b>4.12 (0.022)</b>	<b>3.32 (0.037)</b>	<b>3.01 (0.029)</b>	<b>2.55 (0.046)</b>	<b>1.10 (0.020)</b>	<b>0.47 (0.015)</b>	<b>0.21 (0.011)</b>	<b>0.76 (0.033)</b>	<b>1.35 (0.049)</b>	<b>1.44 (0.044)</b>	— (†)	— (†)	<b>2.67 (0.073)</b>
<b>Sex</b>														
Male .....	22.88 (0.162)	4.08 (0.021)	3.29 (0.037)	3.05 (0.029)	2.59 (0.049)	1.05 (0.021)	0.47 (0.016)	0.26 (0.013)	0.79 (0.032)	1.16 (0.051)	1.24 (0.046)	— (†)	— (†)	2.83 (0.081)
Female .....	23.12 (0.156)	4.15 (0.026)	3.35 (0.041)	2.96 (0.030)	2.52 (0.048)	1.14 (0.022)	0.47 (0.017)	0.17 (0.012)	0.74 (0.035)	1.53 (0.051)	1.63 (0.050)	— (†)	— (†)	2.51 (0.069)
<b>Race/ethnicity</b>														
White .....	23.11 (0.189)	4.08 (0.028)	3.29 (0.045)	3.01 (0.034)	2.61 (0.058)	1.12 (0.025)	0.50 (0.020)	0.23 (0.012)	0.75 (0.040)	1.38 (0.055)	1.50 (0.055)	— (†)	— (†)	2.60 (0.082)
Black .....	22.40 (0.251)	4.22 (0.038)	3.34 (0.073)	2.99 (0.060)	2.33 (0.060)	1.01 (0.036)	0.31 (0.021)	0.10 (0.012)	0.90 (0.051)	1.08 (0.094)	1.20 (0.064)	— (†)	— (†)	2.73 (0.120)
Hispanic .....	22.84 (0.162)	4.30 (0.055)	3.22 (0.061)	2.81 (0.056)	2.24 (0.045)	1.07 (0.028)	0.29 (0.015)	0.10 (0.013)	0.78 (0.028)	1.25 (0.071)	1.34 (0.056)	— (†)	— (†)	3.19 (0.096)
Asian/Pacific Islander ...	24.47 (0.332)	4.37 (0.076)	3.65 (0.163)	3.71 (0.094)	3.14 (0.116)	1.17 (0.027)	0.87 (0.069)	0.50 (0.045)	0.59 (0.048)	2.07 (0.105)	1.18 (0.077)	— (†)	— (†)	3.23 (0.185)
American Indian/ Alaska Native .....	23.23 (0.153)	4.22 (0.033)	3.18 (0.044)	2.98 (0.113)	2.44 (0.104)	1.22 (0.073)	0.32 (0.035)	0.09! (0.027)	0.81 (0.041)	0.75 (0.138)	1.68 (0.112)	— (†)	— (†)	3.06 (0.050)
<b>1990 graduates</b> .....	<b>23.53 (0.127)</b>	<b>4.19 (0.034)</b>	<b>3.47 (0.040)</b>	<b>3.15 (0.028)</b>	<b>2.75 (0.028)</b>	<b>1.14 (0.019)</b>	<b>0.53 (0.014)</b>	<b>0.23 (0.010)</b>	<b>0.85 (0.026)</b>	<b>1.54 (0.041)</b>	<b>1.55 (0.045)</b>	— (†)	— (†)	<b>2.68 (0.073)</b>
<b>Sex</b>														
Male .....	23.35 (0.130)	4.13 (0.035)	3.45 (0.041)	3.16 (0.028)	2.78 (0.033)	1.11 (0.021)	0.52 (0.017)	0.28 (0.012)	0.88 (0.027)	1.33 (0.040)	1.31 (0.047)	— (†)	— (†)	2.87 (0.077)
Female .....	23.69 (0.132)	4.25 (0.036)	3.50 (0.041)	3.14 (0.033)	2.73 (0.027)	1.17 (0.019)	0.53 (0.014)	0.19 (0.010)	0.83 (0.027)	1.72 (0.045)	1.76 (0.050)	— (†)	— (†)	2.51 (0.072)
<b>Race/ethnicity</b>														
White .....	23.54 (0.133)	4.12 (0.036)	3.46 (0.045)	3.13 (0.032)	2.80 (0.033)	1.15 (0.020)	0.55 (0.016)	0.25 (0.011)	0.84 (0.022)	1.58 (0.049)	1.61 (0.056)	— (†)	— (†)	2.61 (0.076)
Black .....	23.40 (0.255)	4.34 (0.044)	3.49 (0.058)	3.20 (0.064)	2.68 (0.061)	1.11 (0.042)	0.42 (0.024)	0.16 (0.020)	0.98 (0.068)	1.20 (0.075)	1.34 (0.052)	— (†)	— (†)	2.74 (0.124)
Hispanic .....	23.83 (0.210)	4.51 (0.139)	3.42 (0.071)	3.13 (0.058)	2.50 (0.046)	1.10 (0.034)	0.42 (0.034)	0.14 (0.016)	0.83 (0.041)	1.57 (0.060)	1.48 (0.072)	— (†)	— (†)	3.10 (0.103)
Asian/Pacific Islander ...	24.07 (0.236)	4.50 (0.117)	3.70 (0.126)	3.52 (0.060)	2.97 (0.114)	1.12 (0.085)	0.74 (0.057)	0.42 (0.047)	0.68 (0.080)	2.06 (0.150)	1.29 (0.084)	— (†)	— (†)	2.96 (0.221)
American Indian/ Alaska Native .....	22.64 (0.267)	4.08 (0.092)	3.34 (0.083)	3.04 (0.152)	2.48 (0.175)	1.09 (0.090)	0.42 (0.072)	0.15 (0.039)	0.83 (0.090)	1.15 (0.188)	1.11 (0.126)	— (†)	— (†)	2.81 (0.148)
<b>1994 graduates</b> .....	<b>24.17 (0.144)</b>	<b>4.29 (0.028)</b>	<b>3.55 (0.041)</b>	<b>3.33 (0.021)</b>	<b>3.04 (0.028)</b>	<b>1.26 (0.018)</b>	<b>0.62 (0.013)</b>	<b>0.28 (0.011)</b>	<b>0.88 (0.024)</b>	<b>1.71 (0.033)</b>	<b>1.66 (0.041)</b>	— (†)	— (†)	<b>2.63 (0.077)</b>
<b>Sex</b>														
Male .....	23.79 (0.146)	4.26 (0.028)	3.51 (0.041)	3.32 (0.022)	3.03 (0.030)	1.20 (0.020)	0.59 (0.015)	0.32 (0.014)	0.91 (0.026)	1.49 (0.034)	1.43 (0.038)	— (†)	— (†)	2.83 (0.081)
Female .....	24.11 (0.147)	4.32 (0.030)	3.59 (0.041)	3.34 (0.023)	3.06 (0.028)	1.31 (0.018)	0.64 (0.014)	0.24 (0.010)	0.86 (0.024)	1.93 (0.034)	1.87 (0.051)	— (†)	— (†)	2.44 (0.078)
<b>Race/ethnicity</b>														
White .....	24.08 (0.183)	4.23 (0.035)	3.56 (0.049)	3.36 (0.023)	3.13 (0.032)	1.29 (0.022)	0.65 (0.014)	0.30 (0.014)	0.89 (0.030)	1.76 (0.039)	1.74 (0.049)	— (†)	— (†)	2.61 (0.096)
Black .....	23.28 (0.132)	4.36 (0.034)	3.51 (0.039)	3.23 (0.030)	2.80 (0.042)	1.21 (0.036)	0.49 (0.028)	0.17 (0.013)	0.92 (0.051)	1.35 (0.052)	1.36 (0.066)	— (†)	— (†)	2.69 (0.101)
Hispanic .....	23.71 (0.131)	4.61 (0.075)	3.45 (0.046)	3.28 (0.041)	2.69 (0.046)	1.19 (0.027)	0.49 (0.047)	0.17 (0.021)	0.83 (0.058)	1.73 (0.062)	1.51 (0.046)	— (†)	— (†)	2.93 (0.086)
Asian/Pacific Islander ...	23.84 (0.256)	4.60 (0.091)	3.66 (0.097)	3.66 (0.082)	3.35 (0.131)	1.22 (0.042)	0.81 (0.062)	0.48 (0.058)	0.80 (0.034)	2.09 (0.085)	1.32 (0.121)	— (†)	— (†)	2.78 (0.123)
American Indian/ Alaska Native .....	23.40 (0.541)	4.27 (0.113)	3.57 (0.201)	3.11 (0.038)	2.82 (0.073)	1.28 (0.069)	0.50 (0.065)	0.13 (0.039)	0.91 (0.057)	1.30 (0.150)	2.01 (0.351)	— (†)	— (†)	3.12 (0.355)
<b>1998 graduates</b> .....	<b>25.14 (0.162)</b>	<b>4.25 (0.037)</b>	<b>3.74 (0.038)</b>	<b>3.40 (0.024)</b>	<b>3.12 (0.026)</b>	<b>1.26 (0.021)</b>	<b>0.66 (0.015)</b>	<b>0.31 (0.015)</b>	<b>0.89 (0.024)</b>	<b>1.85 (0.039)</b>	<b>1.90 (0.079)</b>	— (†)	— (†)	<b>2.89 (0.076)</b>
<b>Sex</b>														
Male .....	24.64 (0.162)	4.19 (0.038)	3.68 (0.040)	3.37 (0.024)	3.09 (0.028)	1.20 (0.021)	0.62 (0.014)	0.33 (0.018)	0.93 (0.026)	1.62 (0.040)	1.61 (0.072)	— (†)	— (†)	3.12 (0.079)
Female .....	25.04 (0.166)	4.31 (0.039)	3.80 (0.036)	3.42 (0.025)	3.17 (0.029)	1.32 (0.023)	0.70 (0.018)	0.28 (0.015)	0.87 (0.023)	2.06 (0.041)	2.15 (0.094)	— (†)	— (†)	2.67 (0.080)
<b>Race/ethnicity</b>														
White .....	24.87 (0.178)	4.19 (0.049)	3.77 (0.046)	3.40 (0.028)	3.18 (0.028)	1.28 (0.025)	0.69 (0.017)	0.33 (0.019)	0.87 (0.027)	1.90 (0.049)	2.00 (0.078)	— (†)	— (†)	2.80 (0.088)
Black .....	24.37 (0.250)	4.28 (0.045)	3.69 (0.050)	3.42 (0.042)	3.03 (0.064)	1.24 (0.038)	0.58 (0.025)	0.22 (0.022)	0.97 (0.045)	1.58 (0.062)	1.57 (0.152)	— (†)	— (†)	2.94 (0.080)
Hispanic .....	24.69 (0.218)	4.51 (0.055)	3.60 (0.051)	3.28 (0.041)	2.81 (0.054)	1.13 (0.026)	0.50 (0.036)	0.20 (0.020)	0.97 (0.042)	1.78 (0.055)	1.78 (0.113)	— (†)	— (†)	3.36 (0.121)
Asian/Pacific Islander ...	24.67 (0.195)	4.37 (0.068)	3.92 (0.086)	3.62 (0.029)	3.43 (0.079)	1.26 (0.027)	0.83 (0.037)	0.51 (0.036)	0.81 (0.041)	2.29 (0.129)	1.52 (0.056)	— (†)	— (†)	2.95 (0.208)
American Indian/ Alaska Native .....	23.81 (0.350)	4.18 (0.082)	3.67 (0.093)	3.10 (0.081)	2.68 (0.081)	1.07 (0.056)	0.49 (0.038)	0.15 (0.024)	0.98 (0.070)	1.45 (0.132)	1.94 (0.146)	— (†)	— (†)	3.40 (0.212)

See notes at end of table.

**Table 225.10. Average number of Carnegie units earned by public high school graduates in various subject fields, by sex and race/ethnicity: Selected years, 1982 through 2009—Continued**  
[Standard errors appear in parentheses]

Graduation year, sex, and race/ethnicity	Total	English	History/ social studies	Mathematics	Science					Foreign languages	Arts	Career/ technical (occupational) education <sup>1</sup>	Labor market, family, and consumer education <sup>2</sup>	Personal use <sup>3</sup>
					Total	Biology	Chemistry	Physics	Other science <sup>4</sup>					
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
<b>2000 graduates</b> .....	<b>26.15 (0.204)</b>	<b>4.26 (0.037)</b>	<b>3.89 (0.036)</b>	<b>3.62 (0.029)</b>	<b>3.20 (0.038)</b>	<b>1.28 (0.028)</b>	<b>0.71 (0.020)</b>	<b>0.37 (0.018)</b>	<b>0.84 (0.030)</b>	<b>2.01 (0.045)</b>	<b>2.03 (0.054)</b>	<b>2.86 (0.105)</b>	<b>1.35 (0.044)</b>	<b>3.49 (0.071)</b>
<b>Sex</b>														
Male .....	26.01 (0.210)	4.18 (0.036)	3.83 (0.036)	3.60 (0.032)	3.15 (0.039)	1.20 (0.030)	0.67 (0.020)	0.42 (0.020)	0.87 (0.029)	1.77 (0.045)	1.75 (0.051)	3.24 (0.133)	1.35 (0.049)	3.76 (0.079)
Female .....	26.26 (0.204)	4.34 (0.040)	3.95 (0.038)	3.64 (0.028)	3.24 (0.041)	1.36 (0.030)	0.74 (0.022)	0.33 (0.018)	0.81 (0.031)	2.25 (0.050)	2.29 (0.065)	2.48 (0.086)	1.34 (0.047)	3.22 (0.068)
<b>Race/ethnicity</b>														
White .....	26.31 (0.256)	4.26 (0.037)	3.93 (0.042)	3.63 (0.032)	3.24 (0.038)	1.30 (0.034)	0.72 (0.024)	0.39 (0.021)	0.83 (0.033)	1.98 (0.054)	2.11 (0.068)	2.97 (0.136)	1.37 (0.055)	3.37 (0.080)
Black .....	25.85 (0.233)	4.36 (0.078)	3.81 (0.068)	3.57 (0.046)	3.12 (0.059)	1.25 (0.041)	0.66 (0.030)	0.30 (0.027)	0.91 (0.043)	1.71 (0.070)	1.94 (0.134)	2.74 (0.143)	1.54 (0.075)	3.60 (0.134)
Hispanic .....	25.59 (0.358)	4.29 (0.125)	3.84 (0.076)	3.48 (0.069)	2.86 (0.112)	1.18 (0.068)	0.58 (0.055)	0.25 (0.026)	0.84 (0.044)	2.22 (0.063)	1.76 (0.062)	2.64 (0.152)	1.20 (0.082)	3.95 (0.173)
Asian/Pacific Islander .....	26.23 (0.332)	4.12 (0.060)	3.80 (0.055)	4.01 (0.108)	3.70 (0.162)	1.35 (0.066)	0.97 (0.050)	0.67 (0.042)	0.71 (0.086)	2.90 (0.089)	1.78 (0.085)	1.99 (0.149)	0.81 (0.050)	3.52 (0.221)
American Indian/ Alaska Native .....	25.24 (0.342)	4.08 (0.069)	3.82 (0.102)	3.35 (0.117)	2.88 (0.086)	1.25 (0.080)	0.45 (0.045)	0.19 (0.042)	0.98 (0.038)	1.41 (0.105)	1.99 (0.220)	3.23 (0.380)	1.60 (0.151)	3.60 (0.365)
<b>2005 graduates</b> .....	<b>26.88 (0.102)</b>	<b>4.33 (0.022)</b>	<b>4.08 (0.027)</b>	<b>3.80 (0.018)</b>	<b>3.35 (0.019)</b>	<b>1.28 (0.016)</b>	<b>0.75 (0.011)</b>	<b>0.37 (0.012)</b>	<b>0.95 (0.019)</b>	<b>2.07 (0.022)</b>	<b>2.06 (0.035)</b>	<b>2.64 (0.045)</b>	<b>1.38 (0.030)</b>	<b>3.83 (0.047)</b>
<b>Sex</b>														
Male .....	26.70 (0.107)	4.26 (0.024)	4.01 (0.030)	3.78 (0.021)	3.29 (0.023)	1.19 (0.016)	0.71 (0.012)	0.41 (0.014)	0.98 (0.019)	1.87 (0.025)	1.71 (0.035)	3.01 (0.050)	1.36 (0.032)	4.17 (0.055)
Female .....	27.05 (0.104)	4.39 (0.022)	4.16 (0.028)	3.83 (0.018)	3.41 (0.019)	1.37 (0.017)	0.79 (0.012)	0.33 (0.012)	0.92 (0.020)	2.25 (0.023)	2.38 (0.045)	2.29 (0.049)	1.41 (0.033)	3.52 (0.050)
<b>Race/ethnicity</b>														
White .....	27.06 (0.127)	4.30 (0.030)	4.12 (0.030)	3.80 (0.022)	3.44 (0.021)	1.31 (0.018)	0.77 (0.014)	0.39 (0.012)	0.96 (0.021)	2.03 (0.025)	2.17 (0.043)	2.75 (0.059)	1.39 (0.036)	3.64 (0.059)
Black .....	26.76 (0.151)	4.50 (0.028)	4.10 (0.054)	3.86 (0.036)	3.22 (0.035)	1.27 (0.025)	0.69 (0.017)	0.28 (0.025)	0.99 (0.037)	1.77 (0.041)	1.77 (0.056)	2.58 (0.074)	1.56 (0.065)	4.32 (0.096)
Hispanic .....	26.18 (0.147)	4.33 (0.026)	3.88 (0.052)	3.64 (0.034)	2.93 (0.036)	1.11 (0.021)	0.64 (0.022)	0.25 (0.017)	0.94 (0.031)	2.39 (0.047)	1.78 (0.055)	2.41 (0.086)	1.30 (0.046)	4.44 (0.100)
Asian/Pacific Islander .....	26.58 (0.183)	4.28 (0.043)	4.02 (0.048)	4.08 (0.051)	3.65 (0.057)	1.31 (0.035)	0.98 (0.028)	0.59 (0.036)	0.77 (0.061)	2.70 (0.066)	1.80 (0.076)	1.94 (0.116)	0.98 (0.052)	3.53 (0.122)
American Indian/ Alaska Native .....	26.66 (0.454)	4.42 (0.136)	4.15 (0.151)	3.60 (0.175)	3.00 (0.075)	1.27 (0.061)	0.52 (0.053)	0.17 (0.036)	1.04 (0.063)	1.55 (0.125)	2.45 (0.179)	2.45 (0.208)	1.70 (0.184)	4.24 (0.294)
<b>2009 graduates</b> .....	<b>27.15 (0.100)</b>	<b>4.37 (0.013)</b>	<b>4.19 (0.027)</b>	<b>3.91 (0.017)</b>	<b>3.47 (0.022)</b>	<b>1.35 (0.014)</b>	<b>0.78 (0.011)</b>	<b>0.42 (0.013)</b>	<b>0.92 (0.017)</b>	<b>2.21 (0.027)</b>	<b>2.12 (0.036)</b>	<b>2.47 (0.059)</b>	<b>1.11 (0.030)</b>	<b>3.86 (0.059)</b>
<b>Sex</b>														
Male .....	26.98 (0.111)	4.30 (0.015)	4.13 (0.028)	3.88 (0.018)	3.46 (0.027)	1.27 (0.014)	0.74 (0.012)	0.48 (0.017)	0.96 (0.017)	2.01 (0.028)	1.76 (0.034)	2.77 (0.068)	1.13 (0.036)	4.18 (0.070)
Female .....	27.31 (0.095)	4.42 (0.014)	4.25 (0.027)	3.93 (0.018)	3.49 (0.020)	1.43 (0.015)	0.82 (0.011)	0.37 (0.012)	0.88 (0.019)	2.40 (0.028)	2.46 (0.046)	2.19 (0.055)	1.10 (0.028)	3.57 (0.060)
<b>Race/ethnicity</b>														
White .....	27.30 (0.151)	4.32 (0.016)	4.23 (0.037)	3.91 (0.021)	3.55 (0.026)	1.37 (0.015)	0.80 (0.013)	0.44 (0.016)	0.94 (0.022)	2.19 (0.032)	2.26 (0.042)	2.55 (0.071)	1.16 (0.040)	3.70 (0.075)
Black .....	27.42 (0.141)	4.56 (0.039)	4.26 (0.036)	4.02 (0.035)	3.31 (0.027)	1.33 (0.025)	0.68 (0.022)	0.30 (0.019)	1.00 (0.028)	1.87 (0.044)	1.87 (0.067)	2.72 (0.127)	1.21 (0.052)	4.29 (0.102)
Hispanic .....	26.47 (0.194)	4.43 (0.024)	4.04 (0.040)	3.70 (0.029)	3.13 (0.028)	1.24 (0.019)	0.70 (0.015)	0.32 (0.015)	0.87 (0.024)	2.34 (0.034)	1.85 (0.046)	2.31 (0.101)	1.04 (0.040)	4.26 (0.095)
Asian/Pacific Islander .....	26.94 (0.190)	4.19 (0.039)	4.13 (0.083)	4.16 (0.052)	4.06 (0.091)	1.56 (0.077)	1.08 (0.035)	0.75 (0.033)	0.68 (0.063)	2.98 (0.090)	1.99 (0.065)	1.63 (0.074)	0.62 (0.054)	3.47 (0.100)
American Indian/ Alaska Native .....	26.17 (0.409)	4.39 (0.085)	4.11 (0.083)	3.76 (0.125)	3.20 (0.070)	1.38 (0.062)	0.50 (0.051)	0.24 (0.046)	1.09 (0.066)	1.56 (0.097)	2.19 (0.157)	2.35 (0.188)	1.20 (0.117)	4.54 (0.370)

—Not available.

†Not applicable.

<sup>1</sup>Interpret data with caution. The coefficient of variation (CV) for this estimate is between 30 and 50 percent.

<sup>2</sup>Includes occupational education in agriculture; business and marketing; communications and design; computer and information sciences; construction and architecture; engineering technologies; health sciences; manufacturing; repair and transportation; and personal, public, and legal services. Does not include general labor market preparation courses and family and consumer sciences education courses.

<sup>3</sup>Includes general labor market preparation courses and family and consumer sciences education courses.

<sup>4</sup>Includes general skills, personal health and physical education, religion, military sciences, special education, and other courses not included in other academic subject fields. Some personal-use courses are also included in the Career/technical (occupational) education column and the Labor market, family, and consumer education column.

<sup>4</sup>Includes all science credits earned outside of biology, chemistry, and physics.

NOTE: The Carnegie unit is a standard of measurement that represents one credit for the completion of a 1-year course. Data differ slightly from figures appearing in other NCEES reports because of differences in taxonomies and case exclusion criteria. Race categories exclude persons of Hispanic ethnicity. Totals include other racial/ethnic groups not separately shown. Detail may not sum to totals because of rounding.

SOURCE: U.S. Department of Education, National Center for Education Statistics, High School and Beyond Longitudinal Study of 1980 Sophomores (HS&B-So:80/82), "High School Transcript Study"; and 1987, 1990, 1994, 1998, 2000, 2005, and 2009 High School Transcript Study (HSTS). (This table was prepared September 2011.)

**Table 225.20. Average number of Carnegie units earned by public high school graduates in career/technical education courses in various occupational fields, by sex and race/ethnicity, and percentage distribution of students, by units earned: Selected years, 2000 through 2009**

[Standard errors appear in parentheses]

1	2	3	4	5	6	7	8	9	10	11	12
Graduation year, sex, and race/ethnicity	Total, all occupational education courses <sup>1</sup>	Agriculture	Business and marketing	Communications and design	Computer and information sciences	Construction and architecture	Engineering technologies	Health sciences	Manufacturing	Repair and transportation	Personal, public, and legal services
<b>2000 graduates</b>											
<b>Average units earned, all students<sup>2</sup></b>	<b>2.86 (0.105)</b>	<b>0.25 (0.029)</b>	<b>0.82 (0.041)</b>	<b>0.30 (0.016)</b>	<b>0.27 (0.021)</b>	<b>0.14 (0.018)</b>	<b>0.20 (0.020)</b>	<b>0.15 (0.019)</b>	<b>0.24 (0.021)</b>	<b>0.18 (0.015)</b>	<b>0.32 (0.018)</b>
Units earned, by sex											
Male	3.24 (0.133)	0.34 (0.041)	0.71 (0.043)	0.28 (0.018)	0.33 (0.026)	0.25 (0.035)	0.34 (0.034)	0.07 (0.013)	0.40 (0.035)	0.33 (0.028)	0.18 (0.015)
Female	2.48 (0.086)	0.16 (0.022)	0.91 (0.042)	0.32 (0.017)	0.21 (0.020)	0.02 (0.003)	0.06 (0.008)	0.22 (0.026)	0.10 (0.011)	0.03 (0.004)	0.46 (0.027)
Units earned, by race/ethnicity											
White	2.97 (0.136)	0.31 (0.038)	0.79 (0.049)	0.31 (0.019)	0.26 (0.023)	0.16 (0.027)	0.22 (0.025)	0.13 (0.019)	0.27 (0.027)	0.20 (0.021)	0.31 (0.020)
Black	2.74 (0.143)	0.11 (0.027)	0.98 (0.068)	0.29 (0.026)	0.24 (0.024)	0.08 (0.017)	0.15 (0.029)	0.17 (0.022)	0.17 (0.023)	0.11 (0.016)	0.44 (0.050)
Hispanic	2.64 (0.152)	0.13 (0.020)	0.86 (0.083)	0.29 (0.024)	0.26 (0.021)	0.09 (0.018)	0.14 (0.019)	0.24! (0.100)	0.17 (0.027)	0.15 (0.017)	0.31 (0.029)
Asian/Pacific Islander	1.99 (0.149)	0.06 (0.014)	0.54 (0.065)	0.25 (0.035)	0.45 (0.098)	0.02! (0.007)	0.17 (0.033)	0.15 (0.037)	0.12 (0.030)	0.07 (0.018)	0.16 (0.022)
American Indian/Alaska Native	3.23 (0.380)	0.37! (0.131)	0.80 (0.088)	0.24 (0.050)	0.32 (0.072)	0.08! (0.029)	0.20! (0.067)	0.11 (0.030)	0.49! (0.160)	‡ (†)	0.41 (0.121)
<b>Percentage distribution of students, by units earned</b>											
0 units	11.1 (0.79)	88.3 (0.86)	49.0 (1.83)	74.5 (1.29)	75.7 (1.61)	93.1 (0.51)	85.8 (1.10)	89.4 (1.28)	83.6 (0.98)	90.7 (0.61)	74.5 (1.34)
More than 0, but less than 1	7.9 (0.57)	2.3 (0.37)	12.1 (1.18)	8.9 (0.72)	8.7 (1.22)	1.8 (0.26)	3.4 (0.44)	5.6 (1.22)	5.4 (0.53)	2.7 (0.43)	11.8 (1.01)
At least 1, but less than 2	22.1 (0.77)	4.5 (0.37)	22.7 (0.91)	12.1 (0.72)	11.9 (0.94)	3.0 (0.33)	7.5 (0.67)	2.3 (0.32)	7.0 (0.61)	3.5 (0.38)	8.6 (0.64)
At least 2, but less than 3	17.0 (0.56)	1.7 (0.18)	8.1 (0.50)	3.0 (0.25)	2.5 (0.39)	0.7 (0.11)	2.1 (0.23)	0.8 (0.13)	2.1 (0.27)	0.9 (0.11)	2.5 (0.29)
3 or more units	41.8 (1.53)	3.3 (0.44)	8.1 (0.63)	1.6 (0.20)	1.1 (0.20)	1.4 (0.21)	1.3 (0.18)	1.9 (0.39)	1.9 (0.26)	2.1 (0.21)	2.6 (0.22)
4 or more units	28.9 (1.48)	2.1 (0.37)	4.0 (0.47)	0.8 (0.13)	0.6 (0.15)	1.0 (0.20)	0.6 (0.13)	1.1! (0.37)	1.2 (0.20)	1.4 (0.18)	1.5 (0.19)
<b>2005 graduates</b>											
<b>Average units earned, all students<sup>2</sup></b>	<b>2.64 (0.045)</b>	<b>0.23 (0.013)</b>	<b>0.64 (0.020)</b>	<b>0.36 (0.012)</b>	<b>0.24 (0.011)</b>	<b>0.12 (0.007)</b>	<b>0.15 (0.008)</b>	<b>0.16 (0.010)</b>	<b>0.21 (0.011)</b>	<b>0.18 (0.011)</b>	<b>0.35 (0.013)</b>
Units earned, by sex											
Male	3.01 (0.050)	0.32 (0.020)	0.62 (0.022)	0.34 (0.014)	0.33 (0.015)	0.21 (0.014)	0.26 (0.014)	0.07 (0.007)	0.33 (0.019)	0.33 (0.019)	0.20 (0.011)
Female	2.29 (0.049)	0.15 (0.011)	0.66 (0.023)	0.38 (0.014)	0.15 (0.010)	0.03 (0.003)	0.05 (0.005)	0.25 (0.016)	0.10 (0.008)	0.03 (0.005)	0.49 (0.018)
Units earned, by race/ethnicity											
White	2.75 (0.059)	0.28 (0.017)	0.63 (0.024)	0.39 (0.015)	0.24 (0.013)	0.13 (0.010)	0.17 (0.010)	0.15 (0.012)	0.25 (0.015)	0.19 (0.014)	0.33 (0.015)
Black	2.58 (0.074)	0.10 (0.018)	0.80 (0.041)	0.28 (0.019)	0.23 (0.021)	0.11 (0.012)	0.11 (0.015)	0.25 (0.023)	0.11 (0.013)	0.13 (0.023)	0.45 (0.030)
Hispanic	2.41 (0.086)	0.14 (0.019)	0.63 (0.033)	0.30 (0.016)	0.21 (0.015)	0.10 (0.014)	0.12 (0.019)	0.16 (0.019)	0.17 (0.022)	0.19 (0.020)	0.39 (0.030)
Asian/Pacific Islander	1.94 (0.116)	0.06! (0.019)	0.49 (0.045)	0.32 (0.040)	0.36 (0.032)	0.04 (0.010)	0.13 (0.021)	0.10 (0.022)	0.13 (0.024)	0.09 (0.018)	0.21 (0.020)
American Indian/Alaska Native	2.45 (0.208)	0.46 (0.127)	0.46 (0.080)	0.33 (0.056)	0.24! (0.076)	0.09! (0.038)	0.02! (0.009)	0.10 (0.029)	0.24 (0.055)	0.21! (0.069)	0.31 (0.057)
<b>Percentage distribution of students, by units earned</b>											
0 units	13.0 (0.45)	88.4 (0.54)	55.8 (1.05)	69.8 (0.79)	80.5 (0.91)	93.3 (0.33)	88.2 (0.53)	90.4 (0.67)	83.6 (0.82)	91.2 (0.38)	74.9 (0.85)
More than 0, but less than 1	8.2 (0.35)	2.0 (0.20)	11.5 (0.62)	10.6 (0.50)	6.3 (0.36)	1.6 (0.17)	3.7 (0.34)	3.3 (0.52)	6.2 (0.48)	2.6 (0.26)	9.7 (0.61)
At least 1, but less than 2	22.0 (0.41)	4.8 (0.28)	20.7 (0.65)	14.2 (0.59)	9.5 (0.62)	2.9 (0.20)	5.7 (0.28)	2.9 (0.21)	6.4 (0.35)	2.8 (0.17)	9.6 (0.47)
At least 2, but less than 3	17.3 (0.34)	1.8 (0.12)	6.5 (0.29)	3.4 (0.16)	2.3 (0.19)	0.9 (0.11)	1.4 (0.12)	1.1 (0.11)	2.0 (0.18)	1.1 (0.12)	2.7 (0.20)
3 or more units	39.5 (0.76)	3.0 (0.21)	5.4 (0.32)	2.1 (0.17)	1.4 (0.12)	1.2 (0.12)	1.0 (0.13)	2.2 (0.19)	1.8 (0.16)	2.3 (0.20)	3.0 (0.20)
4 or more units	26.5 (0.67)	1.9 (0.16)	2.7 (0.20)	0.9 (0.09)	0.6 (0.09)	0.8 (0.09)	0.5 (0.08)	1.1 (0.13)	0.8 (0.11)	1.5 (0.16)	1.7 (0.15)

See notes at end of table.

**Table 225.20. Average number of Carnegie units earned by public high school graduates in career/technical education courses in various occupational fields, by sex and race/ethnicity, and percentage distribution of students, by units earned: Selected years, 2000 through 2009—Continued**

[Standard errors appear in parentheses]

Graduation year, sex, and race/ethnicity	Total, all occupational education courses <sup>1</sup>	Agriculture	Business and marketing	Communications and design	Computer and information sciences	Construction and architecture	Engineering technologies	Health sciences	Manufacturing	Repair and transportation	Personal, public, and legal services
1	2	3	4	5	6	7	8	9	10	11	12
<b>2009 graduates</b>											
<b>Average units earned, all students<sup>2</sup></b>	<b>2.47 (0.059)</b>	<b>0.20 (0.013)</b>	<b>0.51 (0.017)</b>	<b>0.36 (0.011)</b>	<b>0.23 (0.010)</b>	<b>0.11 (0.009)</b>	<b>0.14 (0.008)</b>	<b>0.20 (0.015)</b>	<b>0.17 (0.010)</b>	<b>0.17 (0.015)</b>	<b>0.37 (0.020)</b>
<b>Units earned, by sex</b>											
Male	2.77 (0.068)	0.27 (0.020)	0.52 (0.020)	0.35 (0.012)	0.31 (0.013)	0.20 (0.015)	0.24 (0.013)	0.09 (0.010)	0.26 (0.017)	0.32 (0.027)	0.22 (0.013)
Female	2.19 (0.055)	0.14 (0.009)	0.50 (0.018)	0.38 (0.013)	0.16 (0.009)	0.03 (0.004)	0.05 (0.005)	0.31 (0.021)	0.09 (0.007)	0.03 (0.005)	0.51 (0.028)
<b>Units earned, by race/ethnicity</b>											
White	2.55 (0.071)	0.27 (0.020)	0.50 (0.022)	0.38 (0.013)	0.22 (0.011)	0.13 (0.011)	0.16 (0.010)	0.16 (0.013)	0.20 (0.014)	0.17 (0.012)	0.35 (0.020)
Black	2.72 (0.127)	0.09 (0.010)	0.69 (0.035)	0.34 (0.026)	0.26 (0.026)	0.10 (0.021)	0.10 (0.015)	0.31 (0.044)	0.12 (0.015)	0.19! (0.056)	0.52 (0.037)
Hispanic	2.31 (0.101)	0.14 (0.018)	0.43 (0.027)	0.34 (0.015)	0.23 (0.025)	0.08 (0.011)	0.10 (0.009)	0.24 (0.031)	0.13 (0.013)	0.20 (0.026)	0.43 (0.044)
Asian/Pacific Islander	1.63 (0.074)	0.03 (0.009)	0.42 (0.054)	0.26 (0.026)	0.27 (0.024)	0.04 (0.009)	0.13 (0.034)	0.20 (0.048)	0.08 (0.012)	0.07 (0.015)	0.14 (0.020)
American Indian/Alaska Native	2.35 (0.188)	0.17! (0.069)	0.43 (0.065)	0.44 (0.065)	0.24! (0.079)	‡ (†)	0.07! (0.028)	0.12! (0.050)	0.30 (0.071)	0.19! (0.068)	0.26 (0.057)
<b>Percentage distribution of students, by units earned</b>											
0 units	15.0 (0.61)	89.3 (0.58)	63.4 (1.04)	70.2 (0.91)	78.5 (0.89)	93.3 (0.43)	88.8 (0.62)	89.6 (0.64)	87.1 (0.52)	92.0 (0.43)	74.6 (0.73)
More than 0, but less than 1	8.7 (0.33)	2.1 (0.26)	10.1 (0.51)	10.2 (0.55)	8.3 (0.64)	1.7 (0.18)	2.8 (0.24)	2.3 (0.28)	4.5 (0.30)	2.0 (0.21)	9.2 (0.40)
At least 1, but less than 2	23.0 (0.59)	4.3 (0.32)	17.0 (0.60)	13.8 (0.53)	10.1 (0.50)	2.9 (0.23)	6.1 (0.51)	4.1 (0.44)	5.6 (0.31)	2.8 (0.20)	10.2 (0.45)
At least 2, but less than 3	17.0 (0.33)	1.7 (0.15)	5.4 (0.35)	3.6 (0.20)	2.1 (0.16)	1.0 (0.17)	1.3 (0.12)	1.4 (0.13)	1.6 (0.12)	1.1 (0.10)	2.9 (0.22)
3 or more units	36.2 (1.02)	2.7 (0.24)	4.1 (0.23)	2.2 (0.13)	1.1 (0.14)	1.1 (0.11)	0.9 (0.09)	2.6 (0.25)	1.3 (0.15)	2.1 (0.24)	3.2 (0.24)
4 or more units	23.8 (0.89)	1.6 (0.15)	1.8 (0.16)	1.0 (0.07)	0.4 (0.07)	0.7 (0.08)	0.4 (0.05)	1.7 (0.19)	0.6 (0.09)	1.5 (0.21)	1.9 (0.19)

†Not applicable.

!Interpret data with caution. The coefficient of variation (CV) for this estimate is between 30 and 50 percent.

‡Reporting standards not met. The coefficient of variation (CV) for this estimate is 50 percent or greater.

<sup>1</sup>Includes Carnegie units earned in all occupational education courses. This table does not include general labor market preparation courses and family and consumer sciences education courses.

<sup>2</sup>Total includes other racial/ethnic groups not separately shown.

NOTE: The Carnegie unit is a standard of measurement that represents one credit for the completion of a 1-year course. Data may differ from figures appearing in other NCES reports because of differences in course taxonomies and/or inclusion

criteria. The analysis was restricted to graduates who attained either a standard or honors diploma and whose transcripts reflected a total of 16 or more Carnegie credits, with credits in English making up some part of the total. Race categories exclude persons of Hispanic ethnicity. Totals include other racial/ethnic groups not separately shown. Detail may not sum to totals because of rounding.

SOURCE: U.S. Department of Education, National Center for Education Statistics, 2000, 2005, and 2009 High School Transcript Study (HSTS). (This table was prepared September 2011.)

**Table 225.30. Percentage of public and private high school graduates taking selected mathematics and science courses in high school, by sex and race/ethnicity: Selected years, 1982 through 2009**

[Standard errors appear in parentheses]

Course (Carnegie units)	1982	1990	1994	1998	2000	2005	2009							
							Total	Sex		Race/ethnicity				
								Male	Female	White	Black	Hispanic	Asian/Pacific Islander	American Indian/ Alaska Native
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
<b>Mathematics<sup>1</sup></b>														
Any mathematics (≥10) .....	98.5 (0.21)	99.6 (0.07)	99.5 (0.07)	99.9 (0.05)	99.8 (0.05)	99.9 (0.02)	100.0 (†)	100.0 (†)	100.0 (†)	100.0 (†)	100.0 (†)	100.0 (†)	100.0 (†)	100.0 (†)
Algebra I (≥10) <sup>2</sup> .....	55.2 (1.01)	64.5 (1.55)	66.9 (1.33)	63.4 (1.44)	66.5 (1.75)	68.4 (0.99)	68.9 (0.94)	68.5 (0.98)	69.3 (1.01)	67.0 (1.09)	77.2 (1.26)	75.4 (1.60)	53.3 (3.52)	74.8 (5.85)
Geometry (≥10) .....	47.1 (0.99)	64.1 (1.33)	70.6 (1.25)	75.3 (1.06)	78.3 (1.08)	83.8 (0.63)	88.3 (0.53)	86.6 (0.75)	89.9 (0.54)	88.8 (0.73)	88.4 (1.07)	87.0 (0.96)	86.1 (1.47)	81.6 (4.09)
Algebra II (≥05) <sup>3</sup> .....	39.9 (0.93)	48.8 (1.39)	61.5 (1.38)	61.7 (1.77)	67.6 (1.43)	70.3 (1.01)	75.5 (0.92)	73.5 (1.09)	77.6 (0.91)	77.1 (1.09)	70.5 (1.68)	71.1 (1.83)	82.8 (2.57)	66.3 (4.12)
Trigonometry (≥05) .....	8.1 (0.54)	18.2 (1.28)	11.8 (1.16)	8.9 (1.06)	7.9 (1.33)	8.4 (0.88)	6.1 (0.77)	5.8 (0.78)	6.4 (0.81)	7.1 (1.01)	3.2 (0.55)	3.6 (0.69)	8.5 (1.96)	6.5 (1.84)
Analysis/precalculus (≥05) .....	6.2 (0.46)	13.4 (0.95)	17.4 (0.87)	23.2 (1.44)	26.6 (1.40)	29.4 (0.98)	35.3 (0.84)	33.8 (1.02)	36.6 (0.89)	37.9 (0.98)	22.7 (1.29)	26.5 (1.36)	60.5 (2.88)	18.5 (2.98)
Statistics/probability (≥05) .....	1.0 (0.16)	1.0 (0.21)	2.0 (0.33)	3.7 (0.54)	5.7 (0.85)	7.7 (0.53)	10.8 (0.49)	10.7 (0.51)	10.9 (0.58)	11.6 (0.64)	7.9 (1.04)	7.5 (0.77)	17.6 (1.69)	5.9! (2.07)
Calculus (≥10) .....	5.0 (0.43)	6.5 (0.46)	9.4 (0.56)	11.0 (0.85)	11.6 (0.72)	13.6 (0.53)	15.9 (0.66)	16.1 (0.75)	15.7 (0.69)	17.5 (0.69)	6.1 (0.59)	8.6 (0.64)	42.2 (3.11)	6.3 (1.60)
AP/honors calculus (≥10) <sup>4</sup> ..	1.6 (0.26)	4.2 (0.44)	7.0 (0.54)	6.8 (0.49)	7.8 (0.58)	9.2 (0.44)	11.0 (0.55)	11.3 (0.65)	10.7 (0.54)	11.5 (0.52)	4.0 (0.37)	6.3 (0.46)	34.8 (2.77)	4.9 (1.44)
<b>Science<sup>1</sup></b>														
Any science (≥10) .....	96.4 (0.39)	99.4 (0.13)	99.5 (0.09)	99.5 (0.10)	99.4 (0.12)	99.7 (0.05)	99.9 (0.02)	99.8 (0.04)	99.9 (0.02)	99.9 (0.03)	99.9 (0.04)	99.8 (0.06)	100.0 (†)	100.0 (†)
Biology (≥10) .....	77.4 (0.87)	91.3 (0.98)	93.7 (0.98)	92.9 (0.68)	91.1 (1.01)	92.5 (0.60)	95.6 (0.40)	94.9 (0.45)	96.2 (0.43)	95.6 (0.51)	96.3 (0.56)	94.8 (0.67)	95.8 (0.95)	94.5 (1.64)
AP/honors biology (≥10) <sup>4</sup> .....	10.0 (0.64)	5.0 (0.76)	12.0 (0.93)	16.3 (1.32)	16.3 (1.45)	16.0 (0.83)	22.4 (0.78)	19.7 (0.76)	25.0 (0.89)	24.2 (0.88)	14.1 (0.80)	16.1 (0.88)	39.7 (3.58)	15.4 (3.38)
Chemistry (≥10) .....	32.1 (0.84)	49.2 (1.22)	56.1 (1.01)	60.5 (1.29)	61.8 (1.48)	66.4 (0.94)	70.4 (0.75)	67.4 (0.95)	73.4 (0.76)	71.5 (0.87)	65.3 (1.80)	65.7 (1.41)	84.8 (1.72)	44.5 (4.78)
AP/honors chemistry (≥10) <sup>4</sup> .....	3.0 (0.33)	3.5 (0.47)	3.9 (0.53)	4.8 (0.50)	5.7 (0.84)	7.6 (0.53)	5.9 (0.43)	6.1 (0.52)	5.8 (0.39)	6.5 (0.47)	2.5 (0.46)	2.6 (0.35)	17.0 (2.36)	3.4! (1.39)
Physics (≥10) .....	15.0 (0.62)	21.3 (0.84)	24.8 (0.86)	28.8 (1.49)	31.3 (1.16)	32.9 (0.91)	36.1 (1.01)	39.2 (1.29)	33.0 (0.92)	37.6 (1.24)	26.9 (1.72)	28.6 (1.33)	61.1 (2.35)	19.8 (3.89)
AP/honors physics (≥10) <sup>4</sup> .....	1.2 (0.17)	2.0 (0.38)	2.7 (0.34)	3.0 (0.37)	3.9 (0.60)	5.3 (0.33)	5.7 (0.46)	7.7 (0.63)	3.7 (0.38)	6.1 (0.54)	2.5 (0.39)	3.4 (0.39)	15.1 (2.51)	‡ (†)
Engineering (≥10) .....	1.2 (0.21)	0.1 (0.04)	4.5 (0.80)	6.7 (1.76)	4.1 (0.98)	4.8 (0.56)	8.2 (0.93)	9.0 (1.02)	7.4 (0.93)	8.2 (1.18)	10.1 (1.75)	7.1 (1.06)	6.4 (1.17)	9.0! (3.15)
Astronomy (≥05) .....	1.2 (0.24)	1.2 (0.31)	1.7 (0.50)	1.9 (0.46)	2.8 (0.59)	2.8 (0.37)	3.3 (0.40)	3.9 (0.51)	2.7 (0.33)	4.0 (0.57)	1.8 (0.38)	2.0 (0.36)	1.9 (0.43)	5.3! (2.51)
Geology/earth science (≥05) ..	13.6 (1.04)	25.3 (2.47)	23.1 (2.44)	20.9 (2.35)	18.5 (1.92)	24.7 (1.43)	27.7 (1.70)	28.9 (1.88)	26.5 (1.66)	28.2 (2.04)	30.1 (2.57)	27.1 (2.15)	19.1 (2.38)	26.0 (5.25)
Biology and chemistry (≥20) <sup>5</sup> ..	29.3 (0.83)	47.8 (1.23)	53.8 (1.18)	59.1 (1.22)	59.2 (1.50)	64.3 (0.97)	68.3 (0.77)	65.0 (0.91)	71.4 (0.84)	68.9 (0.93)	64.3 (1.74)	64.2 (1.45)	82.7 (1.93)	43.9 (4.77)
Biology, chemistry, and physics (≥30) <sup>5</sup> .....	11.2 (0.51)	18.7 (0.71)	21.4 (0.83)	25.6 (1.34)	25.0 (1.10)	27.4 (0.89)	30.1 (0.87)	31.9 (1.08)	28.3 (0.85)	31.4 (1.04)	21.9 (1.48)	22.7 (1.19)	54.4 (2.77)	13.6 (2.87)

†Not applicable.

!Interpret data with caution. The coefficient of variation (CV) for this estimate is between 30 and 50 percent.

‡Reporting standards not met. The coefficient of variation (CV) for this estimate is 50 percent or greater.

<sup>1</sup>For each course category, percentages include only students who earned at least the number of credits shown in parentheses.

<sup>2</sup>Excludes prealgebra.

<sup>3</sup>Includes courses where trigonometry or geometry has been combined with algebra II.

<sup>4</sup>For 2000 and later years, includes International Baccalaureate (IB) courses in addition to Advanced Placement (AP) and honors courses.

<sup>5</sup>Percentages include only students who earned at least one credit in each of the indicated courses.

NOTE: For a transcript to be included in the analyses, it had to meet three requirements: (1) the student graduated with either a standard or honors diploma, (2) the student's transcript contained 16 or more Carnegie units, and (3) the student's transcript contained more than 0 Carnegie units in English courses. The Carnegie unit is a standard of measurement that represents one credit for the completion of a 1-year course (0.5 = one semester; 1.0 = one academic year). Data differ slightly from figures appearing in other National Center for Education Statistics reports because of differences in taxonomies and case exclusion criteria. Race categories exclude persons of Hispanic ethnicity. Totals include other racial/ethnic groups not separately shown. Some data have been revised from previously published figures.

SOURCE: U.S. Department of Education, National Center for Education Statistics, High School and Beyond Longitudinal Study of 1980 Sophomores (HS&B-So:80/82), "High School Transcript Study"; and 1990, 1994, 1998, 2000, 2005, and 2009 High School Transcript Study (HSTS). (This table was prepared October 2012.)

**Table 225.40. Percentage of public and private high school graduates taking selected mathematics and science courses in high school, by selected student and school characteristics: Selected years, 1990 through 2009**

[Standard errors appear in parentheses]

Year and student or school characteristic	Mathematics						Science					
	Algebra I <sup>1,2</sup>	Geometry <sup>1</sup>	Algebra II/ trigonometry <sup>3</sup>	Analysis/ precalculus <sup>3</sup>	Statistics/ probability <sup>3</sup>	Calculus <sup>1</sup>	Biology <sup>1</sup>	Chemistry <sup>1</sup>	Physics <sup>1</sup>	Biology and chemistry <sup>4</sup>	Biology, chemistry, and physics <sup>5</sup>	
1	2	3	4	5	6	7	8	9	10	11	12	
<b>1990</b>												
<b>Total<sup>6</sup></b> .....	<b>64.5 (1.55)</b>	<b>64.1 (1.33)</b>	<b>53.6 (1.32)</b>	<b>13.4 (0.95)</b>	<b>1.0 (0.21)</b>	<b>6.5 (0.46)</b>	<b>91.3 (0.98)</b>	<b>49.2 (1.22)</b>	<b>21.3 (0.84)</b>	<b>47.8 (1.23)</b>	<b>18.7 (0.71)</b>	
<b>Sex</b>												
Male .....	62.0 (1.57)	63.0 (1.57)	51.8 (1.44)	14.1 (1.14)	1.2 (0.27)	7.6 (0.64)	90.0 (1.09)	48.1 (1.40)	25.1 (0.95)	46.6 (1.40)	21.8 (0.82)	
Female .....	66.7 (1.69)	65.0 (1.31)	55.2 (1.45)	12.8 (0.94)	0.8 (0.20)	5.6 (0.37)	92.5 (0.94)	50.2 (1.29)	17.7 (0.87)	48.9 (1.30)	16.0 (0.76)	
<b>Race/ethnicity</b>												
White .....	64.6 (1.83)	66.4 (1.43)	56.9 (1.53)	14.9 (1.04)	1.0 (0.22)	6.9 (0.53)	91.5 (1.06)	51.8 (1.33)	22.8 (0.91)	50.5 (1.35)	20.5 (0.82)	
Black .....	65.1 (2.42)	56.3 (2.58)	43.9 (2.77)	6.2 (0.96)	1.1! (0.44)	2.8 (0.55)	91.3 (2.19)	40.3 (2.19)	14.5 (1.85)	39.5 (2.24)	12.0 (1.23)	
Hispanic .....	64.8 (2.75)	54.1 (2.89)	39.9 (2.80)	7.1 (0.82)	‡ (†)	3.8 (0.67)	90.2 (1.40)	38.3 (2.90)	12.7 (1.33)	36.4 (2.70)	10.0 (1.21)	
Asian/Pacific Islander .....	63.5 (3.01)	71.5 (2.90)	69.3 (5.51)	25.2 (6.54)	‡ (†)	18.4 (3.23)	90.2 (2.73)	63.5 (4.01)	38.0 (3.36)	60.0 (3.45)	33.4 (2.56)	
American Indian/Alaska Native .....	61.7 (8.40)	55.7 (2.85)	53.9 (4.80)	‡ (†)	‡ (†)	‡ (†)	90.5 (4.37)	35.5 (4.50)	‡ (†)	34.2 (4.46)	‡ (†)	
<b>Student with disabilities (SD) status</b>												
SD <sup>7</sup> .....	20.6 (3.09)	11.8 (2.42)	8.3 (2.04)	‡ (†)	‡ (†)	‡ (†)	65.0 (4.73)	7.7 (1.53)	‡ (†)	‡ (†)	‡ (†)	
Non-SD .....	65.4 (1.59)	65.1 (1.32)	54.5 (1.35)	13.6 (0.97)	1.0 (0.21)	6.7 (0.47)	91.8 (0.92)	50.0 (1.24)	21.6 (0.84)	48.6 (1.23)	19.1 (0.71)	
<b>English language learner (ELL) status</b>												
ELL .....	57.7 (5.79)	42.2 (6.30)	37.1 (6.64)	‡ (†)	‡ (†)	‡ (†)	70.5 (4.66)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	
Non-ELL .....	64.5 (1.56)	64.2 (1.34)	53.7 (1.34)	13.4 (0.95)	1.0 (0.21)	6.6 (0.47)	91.4 (0.98)	49.3 (1.23)	21.3 (0.84)	48.0 (1.23)	18.8 (0.71)	
<b>School type</b>												
Traditional public .....	62.9 (1.66)	61.9 (1.41)	51.4 (1.32)	12.2 (1.11)	0.8 (0.20)	6.2 (0.48)	90.7 (1.08)	47.4 (1.32)	20.2 (0.86)	46.0 (1.33)	17.8 (0.71)	
Public charter .....	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	
Private .....	79.9 (2.22)	85.5 (1.98)	75.5 (3.55)	25.3 (3.44)	2.6! (1.03)	9.7 (1.33)	97.2 (0.55)	66.7 (2.71)	31.4 (2.30)	65.2 (2.67)	28.2 (2.07)	
<b>Percentage of students eligible for free or reduced-price lunch</b>												
0–25 percent .....	64.9 (2.16)	67.4 (1.67)	57.8 (2.05)	15.3 (1.38)	1.1 (0.31)	7.5 (0.70)	92.4 (1.09)	54.0 (1.60)	22.8 (1.27)	52.8 (1.59)	21.0 (1.12)	
26–50 percent .....	60.6 (3.97)	45.4 (2.90)	44.6 (2.74)	5.5 (1.43)	‡ (†)	3.8 (0.89)	88.8 (4.60)	36.5 (3.08)	15.3 (2.08)	35.5 (3.33)	12.8 (1.71)	
51–75 percent .....	74.2 (7.31)	56.0 (14.72)	40.1 (5.12)	5.6 (1.54)	# (†)	‡ (†)	93.6 (2.87)	33.5 (4.28)	12.7 (3.12)	33.0 (4.42)	11.7 (2.83)	
76–100 percent .....	96.0 (4.01)	89.4 (0.92)	78.7 (2.96)	‡ (†)	# (†)	# (†)	99.0 (0.99)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	
<b>2000</b>												
<b>Total<sup>6</sup></b> .....	<b>66.5 (1.75)</b>	<b>78.3 (1.08)</b>	<b>68.3 (1.45)</b>	<b>26.6 (1.40)</b>	<b>5.7 (0.85)</b>	<b>11.6 (0.72)</b>	<b>91.1 (1.01)</b>	<b>61.8 (1.48)</b>	<b>31.3 (1.16)</b>	<b>59.2 (1.50)</b>	<b>25.0 (1.10)</b>	
<b>Sex</b>												
Male .....	65.0 (1.72)	74.8 (1.31)	65.2 (1.46)	25.3 (1.39)	5.8 (0.97)	12.1 (0.79)	88.9 (1.32)	57.7 (1.42)	34.1 (1.29)	54.3 (1.49)	26.3 (1.23)	
Female .....	68.0 (1.87)	81.4 (1.01)	71.1 (1.69)	27.8 (1.61)	5.6 (0.85)	11.1 (0.77)	93.2 (0.82)	65.5 (1.75)	28.9 (1.22)	63.6 (1.76)	23.9 (1.14)	
<b>Race/ethnicity</b>												
White .....	65.1 (2.08)	79.2 (1.21)	69.6 (1.57)	28.1 (1.74)	6.1 (1.00)	12.5 (0.77)	91.7 (1.15)	62.9 (1.66)	32.3 (1.34)	60.1 (1.72)	25.6 (1.20)	
Black .....	70.1 (3.20)	77.8 (1.93)	64.7 (2.32)	16.1 (1.52)	3.7! (1.24)	4.6 (0.55)	92.4 (1.09)	59.5 (2.38)	25.1 (1.97)	57.8 (2.31)	20.0 (1.76)	
Hispanic .....	73.2 (2.43)	72.6 (3.30)	60.0 (5.06)	19.3 (2.95)	2.3 (0.52)	5.6 (0.86)	87.8 (2.69)	52.0 (4.13)	23.1 (2.32)	50.3 (4.30)	17.7 (2.19)	
Asian/Pacific Islander .....	58.1 (3.28)	81.3 (2.03)	81.3 (2.00)	48.7 (2.79)	11.4 (2.44)	30.4 (5.02)	87.8 (3.20)	75.1 (2.89)	53.8 (2.80)	70.6 (3.03)	47.0 (2.70)	
American Indian/Alaska Native .....	68.7 (5.80)	65.0 (6.18)	60.3 (5.51)	‡ (†)	‡ (†)	‡ (†)	88.4 (2.88)	43.6 (4.03)	‡ (†)	39.4 (3.81)	‡ (†)	
<b>Student with disabilities (SD) status</b>												
SD <sup>7</sup> .....	45.2 (2.96)	36.1 (2.90)	22.9 (2.88)	6.7! (2.23)	‡ (†)	‡ (†)	72.0 (2.71)	21.2 (2.88)	13.6 (2.63)	19.9 (2.84)	7.9! (2.45)	
Non-SD .....	67.3 (1.77)	79.9 (1.08)	70.1 (1.46)	27.4 (1.43)	5.9 (0.87)	11.9 (0.74)	91.9 (1.02)	63.4 (1.47)	32.0 (1.18)	60.7 (1.51)	25.7 (1.11)	
<b>English language learner (ELL) status</b>												
ELL .....	62.3 (5.71)	57.8 (4.11)	45.8 (4.82)	15.0 (2.20)	‡ (†)	‡ (†)	73.4 (7.02)	34.9 (4.50)	20.8 (4.16)	31.3 (4.97)	11.2 (2.53)	
Non-ELL .....	66.5 (1.75)	78.5 (1.07)	68.6 (1.44)	26.7 (1.41)	5.7 (0.86)	11.6 (0.73)	91.3 (0.98)	62.1 (1.47)	31.4 (1.18)	59.5 (1.50)	25.2 (1.11)	
<b>School type</b>												
Traditional public .....	65.3 (1.76)	77.0 (1.20)	67.1 (1.57)	24.1 (1.43)	5.5 (0.85)	10.9 (0.71)	90.5 (1.11)	59.5 (1.42)	30.0 (1.22)	56.8 (1.44)	23.5 (1.10)	
Public charter .....	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	
Private .....	79.1 (3.29)	92.3 (2.52)	81.9 (6.49)	53.8 (5.88)	7.8! (3.33)	18.2 (3.99)	98.2 (0.53)	86.6 (3.88)	45.1 (7.62)	85.4 (3.87)	41.5 (7.38)	

See notes at end of table.

**Table 225.40. Percentage of public and private high school graduates taking selected mathematics and science courses in high school, by selected student and school characteristics: Selected years, 1990 through 2009—Continued**

[Standard errors appear in parentheses]

Year and student or school characteristic	Mathematics						Science						
	Algebra I <sup>1,2</sup>	Geometry <sup>1</sup>	Algebra II/ trigonometry <sup>3</sup>	Analysis/ precalculus <sup>3</sup>	Statistics/ probability <sup>3</sup>	Calculus <sup>1</sup>	Biology <sup>1</sup>	Chemistry <sup>1</sup>	Physics <sup>1</sup>	Biology and chemistry <sup>4</sup>	Biology, chemistry, and physics <sup>5</sup>		
1	2	3	4	5	6	7	8	9	10	11	12		
Percentage of students eligible for free or reduced-price lunch													
0–25 percent .....	66.8 (2.64)	80.3 (1.47)	68.1 (2.36)	29.6 (2.41)	6.5 (1.53)	13.4 (1.32)	91.4 (1.53)	65.2 (2.51)	34.5 (2.05)	61.9 (2.59)	28.6 (1.83)		
26–50 percent .....	64.8 (3.65)	72.5 (2.90)	67.2 (1.86)	19.1 (2.12)	3.5 (1.00)	8.8 (1.09)	93.4 (1.49)	56.0 (2.10)	26.3 (2.50)	55.0 (2.15)	19.1 (1.19)		
51–75 percent .....	72.7 (3.97)	77.5 (3.48)	66.7 (5.53)	18.0 (2.97)	3.4! (1.62)	4.8 (1.11)	90.8 (3.02)	58.9 (3.11)	22.5 (1.75)	57.4 (3.47)	17.5 (1.85)		
76–100 percent .....	81.7 (3.87)	83.1 (5.61)	68.1 (9.69)	23.9 (4.40)	‡ (†)	5.4 (1.05)	91.4 (5.08)	60.8 (9.48)	35.0 (6.03)	59.5 (9.38)	26.1 (5.80)		
<b>2005</b>													
<b>Total<sup>6</sup></b> .....	<b>68.4 (0.99)</b>	<b>83.8 (0.63)</b>	<b>71.3 (0.97)</b>	<b>29.4 (0.98)</b>	<b>7.7 (0.53)</b>	<b>13.6 (0.53)</b>	<b>92.5 (0.60)</b>	<b>66.4 (0.94)</b>	<b>32.9 (0.91)</b>	<b>64.3 (0.97)</b>	<b>27.4 (0.89)</b>		
Sex													
Male .....	66.8 (1.04)	81.9 (0.70)	68.0 (1.09)	28.0 (1.02)	7.7 (0.57)	14.0 (0.62)	91.0 (0.68)	62.7 (1.08)	34.9 (0.90)	60.3 (1.08)	28.2 (0.86)		
Female .....	69.8 (1.06)	85.6 (0.66)	74.4 (0.98)	30.8 (1.05)	7.8 (0.55)	13.2 (0.58)	93.9 (0.58)	70.0 (0.99)	31.0 (1.09)	68.0 (1.03)	26.5 (1.10)		
Race/ethnicity													
White .....	66.8 (1.17)	83.9 (0.79)	72.4 (1.17)	32.0 (1.18)	8.5 (0.65)	15.3 (0.61)	92.8 (0.67)	67.4 (1.06)	34.8 (0.87)	65.3 (1.10)	29.0 (0.85)		
Black .....	75.4 (1.60)	85.0 (1.04)	69.3 (1.63)	17.9 (1.61)	5.8 (0.83)	5.5 (0.53)	93.7 (0.60)	63.6 (1.61)	25.8 (2.31)	62.0 (1.60)	21.3 (2.25)		
Hispanic .....	70.2 (1.79)	81.0 (1.16)	63.1 (1.55)	20.4 (1.42)	3.4 (0.48)	6.4 (0.63)	89.2 (1.22)	59.3 (2.09)	23.4 (1.66)	57.2 (2.28)	18.8 (1.63)		
Asian/Pacific Islander .....	65.4 (2.71)	87.1 (1.29)	79.5 (2.94)	48.8 (2.84)	12.9 (1.21)	30.0 (1.63)	92.4 (1.83)	79.7 (1.60)	50.3 (2.35)	75.5 (2.16)	42.9 (2.49)		
American Indian/Alaska Native .....	70.1 (4.82)	73.8 (3.36)	67.2 (3.54)	15.8 (3.07)	‡ (†)	‡ (†)	91.5 (1.92)	48.9 (4.70)	18.1 (3.82)	47.6 (4.69)	‡ (†)		
Student with disabilities (SD) status													
SD <sup>7</sup> .....	49.5 (2.05)	47.8 (1.83)	27.9 (1.67)	6.0 (0.71)	2.2 (0.46)	2.0 (0.54)	71.6 (1.58)	26.6 (1.88)	13.2 (1.27)	24.8 (1.75)	6.6 (0.74)		
Non-SD .....	69.9 (1.04)	87.0 (0.68)	75.2 (0.98)	31.6 (1.07)	8.3 (0.56)	14.7 (0.56)	94.4 (0.57)	69.9 (0.92)	34.5 (0.94)	67.8 (0.96)	29.0 (0.93)		
English language learner (ELL) status													
ELL .....	63.7 (2.75)	70.1 (2.10)	48.0 (2.97)	13.8 (1.85)	3.9 (0.88)	6.1 (1.79)	81.4 (1.96)	46.1 (2.61)	20.2 (2.40)	43.0 (2.85)	13.8 (2.02)		
Non-ELL .....	68.4 (1.00)	84.3 (0.67)	72.0 (1.00)	30.0 (1.02)	7.9 (0.54)	13.8 (0.54)	92.9 (0.62)	67.0 (0.97)	33.2 (0.93)	64.9 (1.01)	27.6 (0.91)		
School type													
Traditional public .....	67.6 (1.09)	83.0 (0.71)	69.3 (1.07)	27.6 (0.92)	7.7 (0.55)	12.5 (0.53)	92.1 (0.59)	64.2 (0.87)	30.6 (0.94)	62.0 (0.85)	24.8 (0.86)		
Public charter .....	84.5 (5.72)	78.1 (7.06)	69.3 (11.47)	‡ (†)	‡ (†)	‡ (†)	91.6 (2.47)	72.2 (11.52)	36.7! (13.63)	67.0 (10.91)	33.9! (13.67)		
Private .....	74.4 (3.27)	91.2 (1.41)	89.6 (1.88)	45.3 (3.93)	8.3 (1.84)	23.9 (2.45)	96.1 (2.31)	86.8 (2.79)	53.8 (2.46)	85.1 (3.10)	49.9 (2.72)		
Percentage of students eligible for free or reduced-price lunch													
0–25 percent .....	65.4 (1.85)	82.2 (1.41)	70.9 (1.73)	34.0 (1.64)	10.2 (0.97)	15.7 (0.92)	92.8 (1.01)	68.4 (1.34)	35.3 (1.40)	65.9 (1.39)	28.7 (1.32)		
26–50 percent .....	69.5 (1.93)	84.2 (1.04)	69.8 (1.37)	23.4 (1.30)	6.7 (0.93)	10.8 (0.58)	93.0 (0.97)	61.0 (1.60)	26.9 (1.44)	59.1 (1.72)	21.8 (1.42)		
51–75 percent .....	74.3 (2.78)	82.2 (1.99)	66.3 (2.80)	19.2 (2.26)	3.3 (0.91)	6.9 (0.86)	86.7 (2.05)	57.0 (2.80)	20.9 (2.38)	54.1 (2.90)	16.1 (2.06)		
76–100 percent .....	75.1 (3.73)	88.2 (1.61)	69.4 (3.05)	18.2 (2.90)	2.8! (0.87)	4.9 (0.90)	90.2 (3.04)	67.6 (3.04)	21.2 (3.16)	64.1 (3.60)	17.8 (2.80)		
<b>2009</b>													
<b>Total<sup>6</sup></b> .....	<b>68.9 (0.94)</b>	<b>88.3 (0.53)</b>	<b>75.8 (0.92)</b>	<b>35.3 (0.84)</b>	<b>10.8 (0.49)</b>	<b>15.9 (0.66)</b>	<b>95.6 (0.40)</b>	<b>70.4 (0.75)</b>	<b>36.1 (1.01)</b>	<b>68.3 (0.77)</b>	<b>30.1 (0.87)</b>		
Sex													
Male .....	68.5 (0.98)	86.6 (0.75)	73.8 (1.09)	33.8 (1.02)	10.7 (0.51)	16.1 (0.75)	94.9 (0.45)	67.4 (0.95)	39.2 (1.29)	65.0 (0.91)	31.9 (1.08)		
Female .....	69.3 (1.01)	89.9 (0.54)	77.8 (0.91)	36.6 (0.89)	10.9 (0.58)	15.7 (0.69)	96.2 (0.43)	73.4 (0.76)	33.0 (0.92)	71.4 (0.84)	28.3 (0.85)		
Race/ethnicity													
White .....	67.0 (1.09)	88.8 (0.73)	77.4 (1.08)	37.9 (0.98)	11.6 (0.64)	17.5 (0.69)	95.6 (0.51)	71.5 (0.87)	37.6 (1.24)	68.9 (0.93)	31.4 (1.04)		
Black .....	77.2 (1.26)	88.4 (1.07)	70.6 (1.69)	22.7 (1.29)	7.9 (1.04)	6.1 (0.59)	96.3 (0.56)	65.3 (1.80)	26.9 (1.72)	64.3 (1.74)	21.9 (1.48)		
Hispanic .....	75.4 (1.60)	87.0 (0.96)	71.4 (1.81)	26.5 (1.36)	7.5 (0.77)	8.6 (0.64)	94.8 (0.67)	65.7 (1.41)	28.6 (1.33)	64.2 (1.45)	22.7 (1.19)		
Asian/Pacific Islander .....	53.3 (3.52)	86.1 (1.47)	83.0 (2.59)	60.5 (2.88)	17.6 (1.69)	42.2 (3.11)	95.8 (0.95)	84.8 (1.72)	61.1 (2.35)	82.7 (1.93)	54.4 (2.77)		
American Indian/Alaska Native .....	74.8 (5.85)	81.6 (4.09)	66.6 (4.12)	18.5 (2.98)	‡ (†)	‡ (†)	94.5 (1.64)	44.5 (4.78)	19.8 (3.89)	43.9 (4.77)	13.6 (2.87)		
Student with disabilities (SD) status													
SD <sup>7</sup> .....	56.0 (1.63)	61.1 (1.82)	39.5 (1.67)	9.7 (1.26)	3.9 (0.57)	3.0 (0.55)	82.4 (1.30)	35.4 (1.69)	19.3 (1.67)	33.8 (1.67)	12.0 (1.51)		
Non-SD .....	70.1 (0.97)	90.7 (0.53)	79.1 (0.93)	37.6 (0.90)	11.4 (0.53)	17.1 (0.71)	96.8 (0.41)	73.6 (0.75)	37.6 (1.06)	71.4 (0.79)	31.7 (0.94)		

See notes at end of table.

**Table 225.40. Percentage of public and private high school graduates taking selected mathematics and science courses in high school, by selected student and school characteristics: Selected years, 1990 through 2009—Continued**

[Standard errors appear in parentheses]

Year and student or school characteristic	Mathematics						Science					
	Algebra <sup>1,2</sup>	Geometry <sup>1</sup>	Algebra II/ trigonometry <sup>3</sup>	Analysis/ precalculus <sup>3</sup>	Statistics/ probability <sup>3</sup>	Calculus <sup>1</sup>	Biology <sup>1</sup>	Chemistry <sup>1</sup>	Physics <sup>1</sup>	Biology and chemistry <sup>4</sup>	Biology, chemistry, and physics <sup>5</sup>	
1	2	3	4	5	6	7	8	9	10	11	12	
<b>English language learner (ELL) status</b>												
ELL .....	73.3 (2.33)	76.2 (1.99)	58.1 (2.54)	19.4 (2.36)	4.4 (1.03)	4.7 (0.87)	86.9 (2.12)	47.4 (2.99)	23.2 (2.41)	43.8 (3.03)	15.4 (2.02)	
Non-ELL .....	68.8 (0.95)	88.5 (0.54)	76.2 (0.93)	35.6 (0.86)	10.9 (0.50)	16.2 (0.67)	95.7 (0.41)	70.9 (0.77)	36.3 (1.02)	68.7 (0.79)	30.3 (0.89)	
<b>School type</b>												
Traditional public .....	68.2 (0.99)	88.1 (0.53)	74.9 (0.96)	34.0 (0.97)	10.7 (0.51)	15.4 (0.73)	95.3 (0.44)	68.9 (0.75)	34.6 (1.03)	66.9 (0.78)	28.8 (0.83)	
Public charter.....	79.0 (4.21)	86.9 (3.57)	77.8 (6.64)	34.1 (9.95)	‡ (†)	‡ (†)	94.0 (1.92)	56.8 (11.13)	40.0 (7.36)	55.7 (10.77)	23.2! (7.52)	
Private .....	74.7 (2.95)	90.0 (3.98)	84.6 (4.01)	47.5 (3.76)	12.5 (1.86)	23.3 (2.05)	98.6 (0.28)	87.4 (1.87)	49.5 (3.73)	83.3 (2.67)	43.9 (3.77)	
<b>Percentage of students eligible for free or reduced-price lunch</b>												
0–25 percent .....	61.3 (1.72)	89.7 (0.82)	80.1 (1.75)	43.1 (1.88)	14.8 (1.03)	22.6 (1.37)	96.4 (1.03)	76.3 (1.58)	46.5 (2.02)	74.9 (1.70)	40.4 (2.07)	
26–50 percent .....	70.9 (1.82)	88.4 (0.87)	74.7 (1.38)	29.7 (1.44)	8.6 (0.80)	11.8 (0.76)	94.5 (0.98)	64.0 (1.52)	27.6 (1.79)	61.6 (1.59)	22.2 (1.54)	
51–75 percent .....	75.8 (1.85)	87.4 (1.45)	69.3 (3.35)	25.4 (1.52)	7.5 (1.14)	9.8 (1.05)	95.6 (0.72)	65.6 (2.03)	29.4 (2.56)	64.2 (1.97)	22.7 (2.12)	
76–100 percent .....	80.1 (3.75)	88.8 (2.26)	70.7 (4.02)	25.5 (2.80)	5.1 (1.08)	7.5 (1.34)	95.6 (1.42)	69.4 (3.68)	26.6 (3.07)	68.2 (3.69)	22.8 (2.97)	
<b>School locale</b>												
City .....	72.5 (1.85)	89.1 (0.91)	74.9 (2.06)	36.7 (1.98)	10.6 (0.91)	15.5 (1.42)	96.4 (0.53)	74.0 (1.59)	38.8 (1.99)	70.8 (1.97)	31.6 (1.97)	
Suburban .....	62.8 (1.62)	89.4 (1.27)	78.7 (1.79)	39.0 (1.71)	13.1 (0.97)	19.5 (1.12)	97.1 (0.30)	76.7 (1.14)	43.8 (1.42)	75.4 (1.04)	38.6 (1.21)	
Town .....	76.9 (2.25)	86.4 (1.08)	71.4 (3.00)	30.1 (2.40)	8.4 (1.25)	10.7 (1.02)	92.2 (2.23)	62.3 (1.84)	24.0 (2.45)	60.4 (1.87)	18.9 (1.94)	
Rural .....	70.2 (2.19)	86.3 (0.95)	74.5 (1.38)	30.0 (1.35)	8.6 (1.12)	13.5 (0.87)	93.7 (1.66)	59.6 (1.82)	26.0 (1.95)	57.2 (1.77)	19.7 (1.41)	

—Not available.

†Not applicable.

#Rounds to zero.

!Interpret data with caution. The coefficient of variation (CV) for this estimate is between 30 and 50 percent.

‡Reporting standards not met (too few cases for a reliable estimate).

<sup>1</sup>Percentages are for students who earned at least one Carnegie credit.

<sup>2</sup>Excludes prealgebra.

<sup>3</sup>Percentages are for students who earned at least one-half of a Carnegie credit in a course that includes a focus on at least one of the listed content areas.

<sup>4</sup>Percentages are for students who earned at least one Carnegie credit each in biology and chemistry.

<sup>5</sup>Percentages are for students who earned at least one Carnegie credit each in biology, chemistry, and physics.

<sup>6</sup>Includes other racial/ethnic groups not shown separately, as well as students for whom information on race/ethnicity or sex was missing.

<sup>7</sup>SD data include both students with an Individualized Education Plan (IEP) and students with a plan under Section 504 of the Rehabilitation Act (a “504 plan”). IEPs are only for students who require specialized instruction, whereas 504 plans apply to students who require accommodations but may not require specialized instruction.

NOTE: For a transcript to be included in the analyses, it had to meet three requirements: (1) the graduate received either a standard or honors diploma, (2) the graduate’s transcript contained 16 or more Carnegie credits, and (3) the graduate’s transcript contained more than 0 Carnegie credits in English courses. Race categories exclude persons of Hispanic ethnicity. SOURCE: U.S. Department of Education, National Center for Education Statistics, 1990, 2000, 2005, and 2009 High School Transcript Study (HSTS). (This table was prepared September 2012.)

**Table 225.70. Number and percentage of high school graduates who took foreign language courses in high school and average number of credits earned, by language and number of credits: 2000, 2005, and 2009**

[Standard errors appear in parentheses]

Language and number of credits	2000			2005			2009		
	Number of graduates (in thousands)	Percent of graduates	Average credits <sup>1</sup>	Number of graduates (in thousands)	Percent of graduates	Average credits <sup>1</sup>	Number of graduates (in thousands)	Percent of graduates	Average credits <sup>1</sup>
1	2	3	4	5	6	7	8	9	10
<b>All foreign languages</b>									
Any credit .....	<b>2,487 (33.8)</b>	<b>84.0 (0.92)</b>	<b>2.5 (0.03)</b>	<b>2,295 (51.1)</b>	<b>85.7 (0.49)</b>	<b>2.5 (0.02)</b>	<b>2,599 (52.7)</b>	<b>88.5 (0.45)</b>	<b>2.6 (0.02)</b>
Spanish									
Any credit .....	1,780 (31.9)	60.1 (0.90)	2.2 (0.03)	1,705 (42.2)	63.7 (0.66)	2.2 (0.02)	2,032 (45.0)	69.2 (0.70)	2.3 (0.02)
2 or more credits .....	1,369 (32.2)	46.2 (1.04)	2.6 (0.03)	1,344 (35.9)	50.2 (0.67)	2.6 (0.01)	1,638 (39.2)	55.8 (0.73)	2.6 (0.02)
3 or more credits .....	554 (26.3)	18.7 (0.90)	3.4 (0.03)	531 (20.1)	19.8 (0.57)	3.4 (0.01)	721 (30.2)	24.5 (0.78)	3.4 (0.02)
French									
Any credit .....	528 (21.5)	17.8 (0.73)	2.3 (0.05)	414 (14.1)	15.5 (0.49)	2.3 (0.03)	411 (16.1)	14.0 (0.47)	2.4 (0.04)
2 or more credits .....	398 (17.8)	13.4 (0.61)	2.7 (0.04)	309 (11.1)	11.5 (0.38)	2.7 (0.03)	314 (14.1)	10.7 (0.42)	2.8 (0.03)
3 or more credits .....	190 (12.1)	6.4 (0.42)	3.5 (0.04)	143 (7.2)	5.4 (0.25)	3.5 (0.03)	167 (10.6)	5.7 (0.32)	3.5 (0.03)
German									
Any credit .....	142 (17.2)	4.8 (0.57)	2.3 (0.08)	139 (10.0)	5.2 (0.36)	2.3 (0.04)	122 (8.6)	4.2 (0.29)	2.3 (0.06)
2 or more credits .....	104 (14.6)	3.5 (0.49)	2.8 (0.07)	102 (8.2)	3.8 (0.29)	2.8 (0.04)	91 (7.8)	3.1 (0.27)	2.8 (0.05)
3 or more credits .....	55 (8.6)	1.8 (0.29)	3.5 (0.06)	53 (4.7)	2.0 (0.17)	3.5 (0.04)	46 (5.3)	1.6 (0.18)	3.5 (0.03)
Latin									
Any credit .....	120 (15.3)	4.0 (0.52)	2.1 (0.08)	106 (10.4)	4.0 (0.36)	2.1 (0.05)	108 (10.6)	3.7 (0.35)	2.2 (0.07)
Italian									
Any credit .....	29 (5.5)	1.0 (0.19)	2.2 (0.20)	29 (5.3)	1.1 (0.20)	2.4 (0.16)	36 (7.0)	1.2 (0.23)	2.3 (0.18)
Japanese									
Any credit .....	36 (7.3)	1.2 (0.25)	2.3 (0.15)	30 (4.4)	1.1 (0.16)	2.1 (0.12)	28 (4.3)	1.0 (0.15)	2.5 (0.12)
Chinese									
Any credit .....	12 (3.1)	0.4 (0.10)	2.4 (0.20)	8 (2.1)	0.3 (0.08)	2.1 (0.23)	20 (4.1)	0.7 (0.14)	1.9 (0.13)
Arabic									
Any credit .....	‡ (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	2.8 (0.36)
Russian									
Any credit .....	10 (2.7)	0.3 (0.09)	1.9 (0.24)	5 (1.3)	0.2 (0.05)	1.5 (0.17)	3! (1.3)	0.1! (0.04)	2.4 (0.14)
Other foreign languages									
Any credit .....	106 (12.0)	3.6 (0.40)	2.5 (0.17)	89 (5.9)	3.3 (0.23)	2.8 (0.10)	105 (10.6)	3.6 (0.37)	2.5 (0.18)
AP/IB/honors foreign languages									
Any credit .....	183 (23.9)	6.2 (0.81)	1.2 (0.04)	157 (10.3)	5.9 (0.38)	1.2 (0.02)	233 (15.9)	7.9 (0.52)	1.2 (0.02)

†Not applicable.

!Interpret data with caution. The coefficient of variation (CV) for this estimate is between 30 and 50 percent.

‡Reporting standards not met. Either there are too few cases for a reliable estimate or the coefficient of variation (CV) is 50 percent or greater.

<sup>1</sup>Average credits earned are shown only for those graduates who earned any credit in the specified language while in high school. For these students, however, credits earned include both courses taken in high school and courses taken prior to entering high school.

Credits are shown in Carnegie units. The Carnegie unit is a standard unit of measurement that represents one credit for the completion of a 1-year course.

NOTE: For a transcript to be included in the analyses, it had to meet three requirements: (1) the graduate received either a standard or honors diploma, (2) the graduate's transcript contained 16 or more Carnegie credits, and (3) the graduate's transcript contained more than 0 Carnegie credits in English courses.

SOURCE: U.S. Department of Education, National Center for Education Statistics, 2000, 2005, and 2009 High School Transcript Study (HSTS). (This table was prepared April 2014.)

**Table 225.80. Percentage distribution of elementary and secondary school children, by average grades and selected child and school characteristics: 2003, 2012, and 2016**

[Standard errors appear in parentheses]

Selected child or school characteristic	Percentage distribution of children, by parental reports of average grades in all subjects															
	2003				2012				2016							
	Mostly A's	Mostly B's	Mostly C's	Mostly D's or F's	Mostly A's	Mostly B's	Mostly C's	Mostly D's or F's	Mostly A's	Mostly B's	Mostly C's	Mostly D's or F's				
1	2	3	4	5	6	7	8	9	10	11	12	13				
<b>All students</b> .....	<b>43.6</b> (0.62)	<b>37.0</b> (0.58)	<b>15.9</b> (0.52)	<b>3.6</b> (0.24)	<b>49.2</b> (0.53)	<b>35.6</b> (0.57)	<b>12.8</b> (0.37)	<b>2.5</b> (0.21)	<b>49.2</b> (0.60)	<b>34.6</b> (0.69)	<b>13.0</b> (0.56)	<b>3.2</b> (0.30)				
Sex of child																
Male .....	36.4 (0.72)	38.6 (0.86)	19.8 (0.74)	5.2 (0.40)	42.9 (0.74)	37.7 (0.78)	16.1 (0.58)	3.3 (0.34)	42.8 (0.97)	36.8 (1.08)	16.0 (0.86)	4.3 (0.50)				
Female .....	51.0 (0.84)	35.3 (0.76)	11.9 (0.61)	1.9 (0.24)	55.9 (0.82)	33.3 (0.80)	9.3 (0.51)	1.5 (0.22)	56.1 (0.95)	32.1 (0.95)	9.7 (0.70)	2.1 (0.23)				
Race/ethnicity of child																
White .....	47.8 (0.86)	35.2 (0.75)	14.0 (0.63)	3.1 (0.25)	53.6 (0.74)	33.5 (0.77)	10.8 (0.48)	2.1 (0.22)	55.3 (0.82)	32.0 (0.87)	10.3 (0.59)	2.4 (0.29)				
Black .....	34.5 (1.75)	39.5 (1.65)	20.9 (1.33)	5.0 (0.82)	37.0 (1.88)	39.7 (1.97)	19.9 (1.19)	3.4 (0.75)	36.7 (2.18)	37.6 (1.99)	20.4 (1.51)	5.3 (1.40)				
Hispanic .....	34.9 (1.14)	42.3 (1.24)	18.6 (1.03)	4.2 (0.48)	43.2 (1.09)	39.9 (1.05)	14.3 (0.83)	2.6 (0.41)	40.2 (1.37)	40.5 (1.58)	15.2 (1.40)	4.1 (0.60)				
Asian/Pacific Islander <sup>1</sup> .....	62.0 (3.47)	25.5 (2.76)	11.3 (3.06)	‡ (†)	60.9 (2.74)	32.5 (2.83)	5.9 (0.98)	0.7! (0.28)	64.6 (4.52)	23.7 (2.54)	10.9! (4.81)	‡ (†)				
Asian .....	— (†)	— (†)	— (†)	— (†)	63.2 (2.82)	31.8 (2.86)	4.6 (0.98)	0.4! (0.20)	64.9 (4.64)	23.3 (2.42)	11.2! (5.02)	‡ (†)				
Pacific Islander .....	— (†)	— (†)	— (†)	— (†)	23.7! (7.70)	43.4 (10.65)	27.5! (8.38)	‡ (†)	59.2 (12.85)	32.3! (13.31)	‡ (†)	‡ (†)				
American Indian/Alaska Native .....	29.5 (6.53)	53.3 (6.42)	12.1! (4.90)	5.1! (2.54)	54.6 (8.07)	28.2 (6.56)	16.3! (5.26)	‡ (†)	36.5 (9.40)	45.8 (10.14)	‡ (†)	‡ (†)				
Two or more races <sup>2</sup> .....	41.4 (4.34)	36.2 (3.91)	18.8 (2.81)	3.5! (1.38)	55.7 (2.79)	28.2 (2.68)	11.1 (1.68)	5.0! (2.28)	53.7 (3.55)	33.9 (4.00)	8.6 (1.53)	3.8 (1.07)				
Highest education level of parents/ guardians in the household <sup>3</sup>																
Less than high school .....	27.8 (2.17)	41.6 (2.05)	22.7 (2.27)	7.8 (1.46)	39.5 (2.25)	39.7 (2.02)	16.8 (1.73)	4.0 (0.93)	30.2 (2.46)	36.3 (2.75)	26.0 (3.28)	7.5 (1.88)				
High school/GED .....	32.1 (1.20)	41.4 (1.23)	21.7 (1.12)	4.8 (0.57)	37.7 (1.51)	40.8 (1.62)	17.6 (1.31)	4.0 (0.71)	35.3 (1.91)	43.0 (1.96)	17.1 (1.63)	4.6 (0.64)				
Vocational/technical or some college .....	39.8 (1.34)	38.3 (1.36)	17.2 (0.95)	4.7 (0.58)	43.5 (1.07)	38.1 (1.05)	15.6 (0.87)	2.8 (0.32)	41.5 (1.59)	38.0 (1.62)	16.2 (1.25)	4.3 (0.68)				
Associate's degree .....	46.7 (2.13)	34.5 (1.94)	16.4 (1.51)	2.4 (0.57)	47.0 (1.82)	34.9 (1.78)	15.4 (1.29)	2.7 (0.52)	49.4 (1.89)	35.0 (1.98)	12.6 (1.32)	3.0 (0.62)				
Bachelor's degree/some graduate school ..	53.0 (1.26)	34.2 (1.29)	11.1 (0.85)	1.7 (0.28)	60.1 (1.05)	31.4 (1.02)	7.5 (0.53)	1.0 (0.19)	60.2 (1.04)	31.1 (0.94)	7.6 (0.69)	1.2 (0.21)				
Graduate/professional degree .....	61.9 (1.71)	30.5 (1.75)	6.7 (0.67)	0.9 (0.24)	68.1 (1.04)	27.3 (1.04)	4.2 (0.36)	0.5 (0.10)	69.4 (1.07)	25.0 (0.98)	4.7 (0.39)	0.9 (0.24)				
Family income (in current dollars)																
\$20,000 or less .....	33.1 (1.53)	38.9 (1.56)	22.0 (1.30)	6.0 (0.85)	37.2 (1.35)	40.2 (1.19)	18.3 (1.04)	4.4 (0.59)	31.4 (2.04)	36.4 (2.32)	25.8 (2.49)	6.5 (1.03)				
\$20,001 to \$50,000 .....	37.8 (1.20)	40.0 (1.19)	17.7 (0.85)	4.5 (0.42)	41.3 (1.22)	38.9 (1.19)	16.7 (0.90)	3.1 (0.44)	37.6 (1.41)	40.9 (1.61)	16.6 (1.15)	4.9 (0.90)				
\$50,001 to \$75,000 .....	48.0 (1.29)	35.0 (1.22)	14.0 (0.81)	3.0 (0.45)	49.3 (1.45)	35.8 (1.37)	12.9 (1.07)	1.9 (0.32)	48.6 (1.84)	34.7 (1.85)	13.5 (1.25)	3.2 (0.59)				
\$75,001 to \$100,000 .....	51.8 (1.66)	33.7 (1.45)	13.3 (1.23)	1.3 (0.32)	53.7 (1.64)	33.5 (1.42)	10.6 (1.03)	2.3 (0.50)	54.3 (1.70)	33.4 (1.73)	9.8 (0.98)	2.5 (0.55)				
Over \$100,000 .....	55.8 (1.74)	33.9 (1.72)	9.1 (1.09)	1.2 (0.24)	61.8 (1.15)	30.4 (1.19)	6.6 (0.61)	1.1! (0.41)	63.9 (1.09)	29.2 (1.12)	6.0 (0.63)	0.9 (0.23)				
Poverty status <sup>4</sup>																
Poor .....	33.1 (1.61)	39.4 (1.65)	21.9 (1.39)	5.6 (0.91)	39.1 (1.39)	38.9 (1.33)	17.8 (1.06)	4.2 (0.54)	32.7 (1.78)	37.0 (1.83)	24.5 (2.07)	5.8 (0.78)				
Near-poor .....	34.8 (1.39)	42.0 (1.26)	18.2 (1.08)	5.0 (0.59)	40.1 (1.19)	40.3 (1.07)	17.0 (0.93)	2.7 (0.45)	38.5 (1.57)	40.8 (1.44)	15.2 (1.08)	5.5 (1.00)				
Nonpoor .....	49.9 (0.83)	34.5 (0.76)	13.2 (0.54)	2.4 (0.23)	56.0 (0.75)	32.7 (0.75)	9.5 (0.45)	1.8 (0.25)	57.9 (0.75)	31.6 (0.79)	8.8 (0.42)	1.7 (0.20)				
Control of school and enrollment level of child																
Public school .....	41.8 (0.64)	37.5 (0.62)	16.8 (0.57)	3.8 (0.26)	47.9 (0.55)	36.0 (0.60)	13.5 (0.39)	2.6 (0.23)	47.4 (0.64)	35.4 (0.77)	13.6 (0.61)	3.5 (0.33)				
Elementary (kindergarten to grade 8) ..	46.1 (0.80)	35.9 (0.84)	14.6 (0.74)	3.4 (0.32)	52.9 (0.69)	34.2 (0.73)	11.0 (0.49)	1.8 (0.22)	50.5 (0.83)	34.6 (1.00)	11.9 (0.76)	3.0 (0.41)				
Secondary (grades 9 to 12) .....	34.6 (0.96)	40.2 (0.97)	20.6 (0.94)	4.6 (0.46)	37.5 (0.83)	39.7 (1.03)	18.4 (0.84)	4.4 (0.54)	41.1 (0.99)	37.2 (1.20)	17.1 (1.01)	4.5 (0.50)				
Private school .....	57.6 (1.72)	33.0 (1.68)	8.1 (0.91)	1.3! (0.45)	63.4 (1.63)	30.8 (1.51)	5.4 (0.68)	0.4! (0.20)	66.4 (1.81)	26.2 (1.49)	7.0 (1.17)	0.4! (0.14)				
Elementary (kindergarten to grade 8) ..	61.6 (2.39)	30.3 (2.28)	7.3 (1.03)	0.8! (0.28)	67.8 (1.95)	28.2 (1.91)	3.5 (0.61)	‡ (†)	71.2 (2.45)	22.4 (2.11)	6.1 (1.52)	‡ (†)				
Secondary (grades 9 to 12) .....	48.8 (3.22)	38.9 (2.94)	10.0 (1.77)	‡ (†)	52.8 (2.70)	37.2 (2.58)	9.9 (1.60)	‡ (†)	55.6 (2.76)	34.6 (2.42)	9.0 (1.95)	0.7! (0.32)				

—Not available.

†Not applicable.

!Interpret data with caution. The coefficient of variation (CV) for this estimate is between 30 and 50 percent.

‡Reporting standards not met. Either there are too few cases for a reliable estimate or the coefficient of variation (CV) is 50 percent or greater.

<sup>1</sup>The 2003 questionnaire included a single item for "Asian or Pacific Islander," whereas questionnaires for later years included one item for Asian and a separate item for Pacific Islander.

<sup>2</sup>For 2003, the "Two or more races" row also includes children whose race was reported as "Other." The "Other" race category was not included on the 2012 and 2016 questionnaires.

<sup>3</sup>In 2003, education level was not collected for the second parent in a same sex couple.

<sup>4</sup>Poor children are those whose family incomes were below the Census Bureau's poverty threshold in the year prior to data collection; near-poor children are those whose family incomes ranged from the poverty threshold to 199 percent of the poverty threshold; and nonpoor children are those whose family incomes were at or above 200 percent of the poverty threshold.

The poverty threshold is a dollar amount that varies depending on a family's size and composition and is updated annually to account for inflation. In 2015, for example, the poverty threshold for a family of four with two children was \$24,257. Survey respondents are asked to select the range within which their income falls, rather than giving the exact amount of their income; therefore, the measure of poverty status is an approximation.

NOTE: While National Household Education Surveys Program (NHES) administrations prior to 2012 were administered via telephone with an interviewer, NHES:2012 and NHES:2016 used self-administered paper-and-pencil questionnaires that were mailed to respondents. Measurable differences between estimates for years prior to 2012 and estimates for later years could reflect actual changes in the population, or the changes could be due to the mode change from telephone to mail. Excludes children whose programs have no classes with lettered grades. Race categories exclude persons of Hispanic ethnicity. Detail may not sum to totals because of rounding. Some data have been revised from previously published figures. SOURCE: U.S. Department of Education, National Center for Education Statistics, Parent and Family Involvement in Education Survey of the National Household Education Surveys Program (PFI-NHES:2003, 2012, and 2016). (This table was prepared June 2018.)

**Table 225.90. Number and percentage of elementary and secondary school students retained in grade, by sex, race/ethnicity, and grade level: 1994 through 2016**

Grade level and year	Students retained in grade (in same grade as in previous year)													
	Number of students retained (in thousands)						Percent of students retained							
	Total	Sex		Race/ethnicity			Total	Sex		Race/ethnicity				
		Males	Females	White	Black	Hispanic		Male	Female	White	Black	Hispanic		
1	2	3	4	5	6	7	8	9	10	11	12	13		
<b>Total, all grades</b>														
1994	1,368 (58.0)	747 (42.8)	621 (39.1)	772 (43.7)	333 (33.0)	222 (35.1)	2.9 (0.12)	3.1 (0.18)	2.7 (0.17)	2.5 (0.14)	4.5 (0.44)	3.7 (0.59)		
1995	1,479 (56.1)	803 (41.3)	676 (38.0)	893 (43.7)	336 (28.2)	208 (23.9)	3.1 (0.12)	3.3 (0.17)	2.9 (0.16)	2.8 (0.14)	4.4 (0.37)	3.3 (0.38)		
1996	1,223 (53.1)	717 (40.6)	506 (34.2)	629 (38.2)	312 (28.3)	233 (26.2)	2.4 (0.10)	2.7 (0.16)	2.1 (0.14)	1.9 (0.12)	3.9 (0.35)	3.3 (0.37)		
1997	1,253 (53.7)	715 (40.5)	538 (35.3)	674 (39.5)	310 (28.2)	222 (25.5)	2.6 (0.11)	2.9 (0.16)	2.3 (0.15)	2.1 (0.12)	3.9 (0.36)	3.3 (0.38)		
1998	1,335 (55.4)	734 (41.1)	601 (37.2)	713 (40.6)	345 (29.7)	213 (25.1)	2.7 (0.11)	2.9 (0.16)	2.5 (0.16)	2.3 (0.13)	4.3 (0.37)	3.1 (0.36)		
1999	1,524 (59.1)	916 (45.7)	608 (37.4)	835 (43.9)	316 (28.5)	318 (30.5)	3.1 (0.12)	3.6 (0.18)	2.5 (0.16)	2.6 (0.14)	4.0 (0.36)	4.4 (0.42)		
2000	1,521 (59.1)	946 (46.4)	575 (36.4)	737 (41.3)	391 (31.5)	306 (29.9)	3.1 (0.12)	3.7 (0.18)	2.4 (0.15)	2.3 (0.13)	5.0 (0.40)	4.1 (0.40)		
2001	1,569 (56.9)	880 (42.6)	689 (37.8)	745 (39.4)	397 (30.2)	354 (30.4)	3.1 (0.11)	3.4 (0.17)	2.8 (0.16)	2.4 (0.12)	5.1 (0.38)	4.5 (0.39)		
2002	1,475 (55.2)	803 (40.7)	672 (37.3)	744 (39.4)	311 (26.9)	348 (30.3)	2.9 (0.11)	3.1 (0.16)	2.7 (0.15)	2.4 (0.13)	4.0 (0.34)	4.0 (0.35)		
2003	1,568 (56.9)	856 (42.0)	711 (38.4)	773 (40.1)	376 (29.4)	323 (29.2)	3.1 (0.11)	3.3 (0.16)	2.9 (0.16)	2.5 (0.13)	4.8 (0.38)	3.7 (0.34)		
2004	1,515 (55.9)	858 (42.0)	657 (36.9)	717 (38.6)	368 (29.0)	316 (29.0)	3.0 (0.11)	3.3 (0.16)	2.7 (0.15)	2.4 (0.13)	4.9 (0.38)	3.5 (0.32)		
2005	1,544 (56.5)	825 (41.3)	719 (38.6)	756 (39.6)	369 (29.1)	319 (29.1)	3.0 (0.11)	3.2 (0.16)	2.9 (0.16)	2.5 (0.13)	4.9 (0.38)	3.4 (0.31)		
2006	1,418 (54.2)	756 (39.5)	663 (37.1)	689 (37.9)	295 (26.1)	321 (29.2)	2.8 (0.11)	2.9 (0.15)	2.7 (0.15)	2.3 (0.13)	4.0 (0.35)	3.4 (0.31)		
2007	1,164 (49.2)	615 (35.8)	548 (33.8)	595 (35.2)	213 (22.3)	296 (28.1)	2.3 (0.10)	2.4 (0.14)	2.2 (0.14)	2.0 (0.12)	2.8 (0.30)	3.0 (0.28)		
2008	999 (45.7)	543 (33.7)	456 (30.9)	506 (32.6)	231 (23.2)	225 (24.6)	2.0 (0.09)	2.1 (0.13)	1.8 (0.12)	1.7 (0.11)	3.1 (0.31)	2.2 (0.24)		
2009	1,018 (46.1)	556 (34.1)	462 (31.1)	491 (32.1)	206 (22.0)	232 (24.9)	2.0 (0.09)	2.2 (0.13)	1.9 (0.13)	1.7 (0.11)	2.8 (0.30)	2.2 (0.24)		
2010 <sup>1</sup>	1,061 (47.6)	557 (34.0)	504 (36.4)	506 (41.9)	191 (22.0)	305 (31.0)	2.1 (0.09)	2.2 (0.13)	2.0 (0.15)	1.8 (0.15)	2.6 (0.30)	2.8 (0.28)		
2011 <sup>1</sup>	945 (60.5)	490 (41.9)	455 (37.7)	454 (41.7)	181 (24.9)	245 (29.7)	1.8 (0.12)	1.9 (0.16)	1.8 (0.15)	1.6 (0.15)	2.5 (0.34)	2.1 (0.26)		
2012 <sup>1</sup>	1,106 (66.7)	603 (48.6)	503 (42.7)	437 (40.4)	210 (30.2)	363 (38.2)	2.2 (0.13)	2.3 (0.18)	2.0 (0.17)	1.6 (0.15)	2.9 (0.42)	3.1 (0.32)		
2013 <sup>1</sup>	1,124 (71.1)	661 (50.5)	463 (40.4)	458 (49.0)	259 (31.6)	334 (35.3)	2.2 (0.14)	2.5 (0.19)	1.9 (0.16)	1.7 (0.18)	3.6 (0.44)	2.8 (0.29)		
2014 <sup>1</sup>	1,313 (72.1)	723 (49.1)	590 (45.6)	523 (42.3)	218 (30.3)	430 (41.3)	2.6 (0.14)	2.8 (0.19)	2.4 (0.18)	2.0 (0.16)	3.0 (0.42)	3.6 (0.34)		
2015 <sup>1</sup>	1,139 (77.3)	583 (49.6)	557 (49.5)	475 (39.3)	215 (41.2)	357 (36.5)	2.2 (0.15)	2.2 (0.19)	2.2 (0.20)	1.8 (0.15)	3.0 (0.58)	2.9 (0.30)		
2016 <sup>1</sup>	947 (60.7)	512 (41.2)	435 (39.0)	443 (36.2)	189 (30.2)	238 (30.1)	1.9 (0.12)	2.0 (0.16)	1.8 (0.16)	1.7 (0.14)	2.7 (0.43)	1.9 (0.24)		
<b>Kindergarten through grade 8</b>														
1994	1,006 (53.3)	552 (39.5)	454 (35.9)	583 (40.7)	250 (30.6)	141 (30.1)	3.1 (0.16)	3.3 (0.24)	2.9 (0.23)	2.7 (0.19)	4.8 (0.59)	3.3 (0.71)		
1995	1,089 (51.6)	570 (37.3)	519 (35.6)	677 (40.7)	259 (26.5)	122 (19.6)	3.3 (0.16)	3.4 (0.22)	3.2 (0.22)	3.1 (0.18)	4.9 (0.50)	2.7 (0.44)		
1996	831 (47.0)	482 (35.7)	350 (30.5)	430 (33.9)	215 (25.2)	155 (22.9)	2.3 (0.13)	2.6 (0.20)	2.0 (0.18)	1.9 (0.15)	3.8 (0.45)	3.1 (0.46)		
1997	863 (47.9)	508 (36.6)	356 (30.8)	464 (35.1)	227 (25.9)	143 (22.1)	2.6 (0.14)	2.9 (0.21)	2.2 (0.19)	2.1 (0.16)	4.2 (0.48)	3.0 (0.46)		
1998	965 (50.5)	536 (37.6)	429 (33.7)	542 (37.9)	225 (25.8)	143 (22.1)	2.8 (0.15)	3.1 (0.21)	2.6 (0.20)	2.5 (0.17)	4.1 (0.47)	2.9 (0.44)		
1999	994 (51.3)	600 (39.7)	393 (32.3)	533 (37.6)	217 (25.3)	213 (26.7)	2.9 (0.15)	3.4 (0.23)	2.4 (0.19)	2.5 (0.17)	4.0 (0.46)	4.1 (0.51)		
2000	1,121 (54.3)	701 (42.8)	420 (33.4)	545 (38.0)	298 (29.5)	214 (26.9)	3.3 (0.16)	4.0 (0.24)	2.5 (0.20)	2.5 (0.18)	5.3 (0.53)	4.0 (0.50)		
2001	1,047 (49.9)	588 (37.4)	459 (33.1)	524 (35.4)	266 (26.5)	233 (26.5)	3.0 (0.14)	3.3 (0.21)	2.7 (0.20)	2.4 (0.16)	4.9 (0.49)	4.1 (0.47)		
2002	1,009 (49.0)	563 (36.6)	445 (32.6)	529 (35.6)	213 (23.9)	225 (26.2)	2.9 (0.14)	3.2 (0.21)	2.7 (0.19)	2.5 (0.17)	3.9 (0.43)	3.6 (0.42)		
2003	1,110 (51.3)	596 (37.6)	514 (35.0)	550 (36.2)	259 (26.1)	229 (26.4)	3.3 (0.15)	3.4 (0.21)	3.2 (0.21)	2.7 (0.18)	4.9 (0.50)	3.8 (0.43)		
2004	1,121 (51.6)	618 (38.2)	504 (34.6)	548 (36.1)	276 (26.9)	218 (25.8)	3.3 (0.15)	3.5 (0.22)	3.1 (0.21)	2.7 (0.18)	5.4 (0.52)	3.4 (0.40)		
2005	1,129 (51.8)	594 (37.5)	535 (35.6)	567 (36.8)	256 (26.0)	235 (26.7)	3.3 (0.15)	3.4 (0.21)	3.2 (0.21)	2.8 (0.18)	5.0 (0.51)	3.6 (0.40)		
2006	955 (47.7)	521 (35.2)	434 (32.2)	469 (33.5)	207 (23.5)	206 (25.1)	2.8 (0.14)	3.0 (0.21)	2.6 (0.20)	2.4 (0.17)	4.2 (0.48)	3.1 (0.38)		
2007	749 (42.4)	394 (30.7)	355 (29.2)	392 (30.7)	131 (18.8)	193 (24.4)	2.2 (0.12)	2.2 (0.18)	2.1 (0.18)	2.0 (0.16)	2.7 (0.38)	2.7 (0.34)		
2008	660 (39.9)	374 (29.9)	287 (26.3)	343 (28.8)	154 (20.3)	132 (20.3)	1.9 (0.12)	2.1 (0.17)	1.7 (0.16)	1.8 (0.15)	3.0 (0.40)	1.9 (0.28)		
2009	619 (38.6)	316 (27.6)	302 (27.0)	324 (28.0)	109 (17.2)	128 (19.9)	1.8 (0.11)	1.8 (0.16)	1.8 (0.16)	1.7 (0.14)	2.3 (0.36)	1.7 (0.27)		
2010 <sup>1</sup>	621 (37.9)	333 (28.2)	288 (27.9)	296 (33.1)	122 (17.2)	155 (23.0)	1.8 (0.11)	1.9 (0.16)	1.7 (0.16)	1.6 (0.17)	2.5 (0.36)	2.0 (0.29)		
2011 <sup>1</sup>	631 (49.7)	342 (35.1)	289 (30.0)	318 (32.2)	94 (17.5)	183 (28.2)	1.8 (0.14)	1.9 (0.19)	1.7 (0.18)	1.7 (0.17)	1.9 (0.36)	2.2 (0.34)		
2012 <sup>1</sup>	698 (52.9)	404 (39.3)	293 (29.8)	280 (33.3)	127 (23.6)	226 (30.6)	2.0 (0.15)	2.3 (0.22)	1.7 (0.18)	1.5 (0.18)	2.7 (0.49)	2.7 (0.37)		
2013 <sup>1</sup>	668 (58.6)	377 (42.5)	292 (31.9)	268 (41.0)	153 (24.2)	215 (29.0)	1.9 (0.17)	2.1 (0.24)	1.7 (0.19)	1.5 (0.22)	3.2 (0.50)	2.5 (0.34)		
2014 <sup>1</sup>	896 (58.4)	482 (39.2)	414 (37.8)	331 (32.6)	159 (24.3)	300 (31.5)	2.6 (0.17)	2.7 (0.22)	2.4 (0.22)	1.8 (0.18)	3.3 (0.49)	3.5 (0.37)		
2015 <sup>1</sup>	791 (63.0)	417 (41.6)	373 (37.8)	320 (32.0)	156 (36.5)	246 (30.4)	2.3 (0.18)	2.3 (0.23)	2.2 (0.22)	1.8 (0.18)	3.2 (0.76)	2.8 (0.35)		
2016 <sup>1</sup>	570 (44.0)	314 (31.8)	256 (29.2)	258 (28.4)	124 (21.9)	133 (22.4)	1.6 (0.13)	1.8 (0.18)	1.5 (0.17)	1.5 (0.16)	2.6 (0.46)	1.5 (0.26)		

See notes at end of table.

**Table 225.90. Number and percentage of elementary and secondary school students retained in grade, by sex, race/ethnicity, and grade level: 1994 through 2016—Continued**

Grade level and year	Students retained in grade (in same grade as in previous year)												
	Number of students retained (in thousands)						Percent of students retained						
	Total	Sex		Race/ethnicity			Total	Sex		Race/ethnicity			
		Males	Females	White	Black	Hispanic		Male	Female	White	Black	Hispanic	
2	3	4	5	6	7	8	9	10	11	12	13		
<b>Grades 9 through 12</b>													
1994 .....	363 (29.9)	196 (22.0)	167 (20.3)	189 (21.6)	83 (16.5)	81 (21.1)	2.6 (0.21)	2.7 (0.31)	2.4 (0.29)	2.0 (0.23)	3.6 (0.72)	4.6 (1.20)	
1995 .....	390 (28.9)	232 (22.2)	157 (18.4)	216 (21.5)	76 (13.5)	87 (15.3)	2.7 (0.20)	3.2 (0.30)	2.2 (0.26)	2.2 (0.22)	3.3 (0.58)	5.0 (0.88)	
1996 .....	392 (30.0)	236 (23.3)	156 (19.0)	200 (21.5)	97 (15.8)	78 (15.1)	2.6 (0.20)	3.0 (0.29)	2.1 (0.26)	2.0 (0.21)	4.1 (0.66)	3.9 (0.75)	
1997 .....	389 (29.9)	207 (21.8)	182 (20.5)	211 (22.1)	82 (14.6)	78 (15.1)	2.6 (0.20)	2.7 (0.28)	2.5 (0.28)	2.1 (0.22)	3.3 (0.59)	4.0 (0.77)	
1998 .....	370 (29.2)	198 (21.4)	172 (20.0)	171 (19.9)	120 (17.5)	70 (14.3)	2.5 (0.20)	2.6 (0.28)	2.3 (0.27)	1.7 (0.20)	4.9 (0.72)	3.6 (0.73)	
1999 .....	530 (34.8)	316 (26.8)	215 (22.2)	302 (26.3)	98 (15.9)	106 (17.5)	3.5 (0.23)	4.0 (0.34)	2.9 (0.30)	3.0 (0.26)	4.2 (0.68)	5.0 (0.83)	
2000 .....	400 (30.3)	245 (23.7)	155 (19.0)	192 (21.1)	94 (15.5)	91 (16.3)	2.6 (0.20)	3.1 (0.30)	2.1 (0.26)	1.9 (0.21)	4.1 (0.68)	4.3 (0.77)	
2001 .....	521 (32.8)	291 (24.5)	230 (21.8)	221 (21.5)	131 (17.3)	121 (17.7)	3.4 (0.21)	3.7 (0.31)	3.1 (0.29)	2.2 (0.21)	5.5 (0.72)	5.7 (0.83)	
2002 .....	466 (31.1)	240 (22.3)	227 (21.6)	216 (21.2)	98 (15.0)	123 (17.9)	3.0 (0.20)	3.0 (0.28)	3.0 (0.28)	2.1 (0.21)	4.2 (0.64)	5.0 (0.73)	
2003 .....	458 (30.8)	260 (23.2)	197 (20.2)	223 (21.6)	117 (16.4)	95 (15.8)	2.8 (0.19)	3.1 (0.28)	2.4 (0.25)	2.2 (0.21)	4.6 (0.65)	3.7 (0.61)	
2004 .....	393 (28.6)	240 (22.3)	153 (17.9)	170 (18.8)	92 (14.6)	98 (16.1)	2.4 (0.18)	3.0 (0.27)	1.9 (0.22)	1.7 (0.19)	3.8 (0.60)	3.7 (0.61)	
2005 .....	415 (29.4)	231 (21.9)	184 (19.6)	188 (19.9)	113 (16.1)	84 (14.9)	2.5 (0.18)	2.7 (0.25)	2.3 (0.24)	1.8 (0.19)	4.6 (0.66)	3.0 (0.53)	
2006 .....	463 (31.0)	234 (22.0)	229 (21.8)	221 (21.4)	‡ (†)	115 (17.4)	2.8 (0.19)	2.8 (0.26)	2.9 (0.27)	2.2 (0.22)	3.5 (0.56)	4.0 (0.61)	
2007 .....	415 (29.4)	221 (21.4)	194 (20.1)	203 (20.6)	82 (13.8)	103 (16.5)	2.5 (0.18)	2.6 (0.25)	2.4 (0.25)	2.1 (0.21)	3.2 (0.54)	3.6 (0.57)	
2008 .....	338 (26.6)	169 (18.8)	169 (18.8)	163 (18.5)	‡ (†)	92 (15.7)	2.1 (0.16)	2.1 (0.23)	2.1 (0.24)	1.7 (0.19)	3.2 (0.55)	3.1 (0.52)	
2009 .....	400 (28.8)	240 (22.3)	160 (18.3)	167 (18.7)	97 (15.0)	104 (16.6)	2.5 (0.18)	2.9 (0.27)	2.1 (0.23)	1.8 (0.20)	3.9 (0.60)	3.5 (0.55)	
2010 <sup>1</sup> .....	440 (31.8)	224 (24.3)	216 (22.9)	210 (23.1)	69 (14.3)	150 (19.8)	2.7 (0.20)	2.7 (0.30)	2.8 (0.29)	2.3 (0.25)	2.9 (0.59)	4.8 (0.62)	
2011 <sup>1</sup> .....	314 (32.8)	148 (23.6)	166 (23.1)	137 (20.4)	‡ (†)	‡ (†)	1.9 (0.20)	1.8 (0.28)	2.1 (0.29)	1.5 (0.22)	3.6 (0.74)	1.9 (0.38)	
2012 <sup>1</sup> .....	408 (38.9)	198 (27.5)	210 (28.6)	157 (22.7)	‡ (†)	137 (20.9)	2.5 (0.23)	2.4 (0.33)	2.6 (0.34)	1.8 (0.25)	3.4 (0.77)	3.8 (0.56)	
2013 <sup>1</sup> .....	456 (39.3)	284 (31.0)	172 (22.6)	190 (25.1)	107 (19.6)	119 (20.1)	2.8 (0.24)	3.5 (0.37)	2.2 (0.28)	2.2 (0.29)	4.5 (0.82)	3.3 (0.56)	
2014 <sup>1</sup> .....	417 (37.8)	241 (27.3)	176 (23.6)	192 (24.5)	‡ (†)	129 (23.9)	2.6 (0.23)	3.0 (0.33)	2.2 (0.30)	2.2 (0.28)	2.5 (0.64)	3.7 (0.67)	
2015 <sup>1</sup> .....	349 (39.2)	165 (25.3)	183 (28.1)	156 (22.3)	‡ (†)	110 (20.5)	2.2 (0.24)	2.0 (0.31)	2.3 (0.36)	1.8 (0.26)	2.6 (0.73)	3.1 (0.55)	
2016 <sup>1</sup> .....	377 (35.7)	198 (26.3)	180 (23.7)	185 (23.4)	‡ (†)	105 (20.0)	2.3 (0.22)	2.4 (0.32)	2.3 (0.30)	2.2 (0.27)	2.9 (0.71)	2.7 (0.52)	

†Not applicable.

‡Reporting standards not met (too few cases for a reliable estimate).

<sup>1</sup>Beginning in 2010, standard errors were computed using replicate weights, which produced more precise values than the generalized variance function methodology used in prior years.

NOTE: Data are as of October of each year. Excludes students who were reported as being in a higher grade the previous year than the given year. Race categories exclude persons of Hispanic ethnicity. Totals include other racial/ethnic groups not separately shown. Detail may not sum to totals because of rounding.

SOURCE: U.S. Department of Commerce, Census Bureau, Current Population Survey, October, 1994 through 2016. (This table was prepared December 2017.)

**Table 226.10. Number, percentage distribution, and SAT mean scores of high school seniors taking the SAT, by sex, race/ethnicity, first language learned, and highest level of parental education: 2017**

Sex, race/ethnicity, first language learned, and highest level of parental education	Seniors who had taken the SAT		Mean score <sup>1</sup>		
	Number (in thousands)	Percentage distribution	Total SAT score	Evidence-based reading and writing (ERW)	Math
1	2	3	4	5	6
<b>All students</b> .....	<b>1,715</b>	<b>100.0</b>	<b>1060</b>	<b>533</b>	<b>527</b>
<b>Sex</b>					
Male .....	809	47.2	1070	532	538
Female .....	906	52.8	1050	534	516
<b>Race/ethnicity</b>					
White .....	760	44.3	1118	565	553
Black .....	226	13.2	941	479	462
Hispanic .....	408	23.8	990	500	489
Asian .....	158	9.2	1181	569	612
Pacific Islander .....	4	0.2	986	498	488
American Indian/Alaska Native .....	8	0.5	963	486	477
Two or more races .....	57	3.3	1103	560	544
No response .....	94	5.5	961	475	485
<b>First language learned</b>					
English only .....	1,139	66.4	1074	545	530
English and another language .....	319	18.6	1034	516	518
Another language .....	203	11.8	1049	513	537
No response .....	54	3.2	941	463	479
<b>Highest level of parental education</b>					
No high school diploma .....	137	8.0	944	472	472
High school diploma .....	482	28.1	1003	507	497
Associate's degree .....	134	7.8	1036	525	511
Bachelor's degree .....	473	27.6	1118	562	556
Graduate degree .....	340	19.8	1177	591	586
No response .....	149	8.7	914	455	460

<sup>1</sup>Possible scores in each SAT section range from 200 to 800, for a total possible score of 400 to 1600.

NOTE: The SAT was completely redesigned in 2016. The new SAT was first administered in March of 2016. This table reflects 2017 high school graduates who took the new SAT during high school. The data in this table include only test-takers from the 2017 graduating class who took the new SAT (93 percent of the cohort). These data do not factor in performance on the old SAT, and they set a new baseline for future year-to-year comparisons. If a student

took the new SAT more than once, the most recent score on each section is used, along with the student's most recent responses to the SAT questionnaire. Race categories exclude persons of Hispanic ethnicity. Detail may not sum to totals because of rounding.

SOURCE: College Entrance Examination Board, SAT Suite of Assessments Annual Report: Total Group, 2017, retrieved November 21, 2017, from <https://reports.collegeboard.org/pdf/2017-total-group-sat-suite-assessments-annual-report.pdf>. (This table was prepared November 2017.)

**Table 226.20. SAT mean scores of college-bound seniors, by sex: 1966–67 through 2015–16**

School year	SAT <sup>1</sup>									Scholastic Aptitude Test (old scale)					
	Critical reading score			Mathematics score			Writing score <sup>2</sup>			Verbal score			Mathematics score		
	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
1966–67	543	540	545	516	535	495	†	†	†	466	463	468	492	514	467
1967–68	543	541	543	516	533	497	†	†	†	466	464	466	492	512	470
1968–69	540	536	543	517	534	498	†	†	†	463	459	466	493	513	470
1969–70	537	536	538	512	531	493	†	†	†	460	459	461	488	509	465
1970–71	532	531	534	513	529	494	†	†	†	455	454	457	488	507	466
1971–72	530	531	529	509	527	489	†	†	†	453	454	452	484	505	461
1972–73	523	523	521	506	525	489	†	†	†	445	446	443	481	502	460
1973–74	521	524	520	505	524	488	†	†	†	444	447	442	480	501	459
1974–75	512	515	509	498	518	479	†	†	†	434	437	431	472	495	449
1975–76	509	511	508	497	520	475	†	†	†	431	433	430	472	497	446
1976–77	507	509	505	496	520	474	†	†	†	429	431	427	470	497	445
1977–78	507	511	503	494	517	474	†	†	†	429	433	425	468	494	444
1978–79	505	509	501	493	516	473	†	†	†	427	431	423	467	493	443
1979–80	502	506	498	492	515	473	†	†	†	424	428	420	466	491	443
1980–81	502	508	496	492	516	473	†	†	†	424	430	418	466	492	443
1981–82	504	509	499	493	516	473	†	†	†	426	431	421	467	493	443
1982–83	503	508	498	494	516	474	†	†	†	425	430	420	468	493	445
1983–84	504	511	498	497	518	478	†	†	†	426	433	420	471	495	449
1984–85	509	514	503	500	522	480	†	†	†	431	437	425	475	499	452
1985–86	509	515	504	500	523	479	†	†	†	431	437	426	475	501	451
1986–87	507	512	502	501	523	481	†	†	†	430	435	425	476	500	453
1987–88	505	512	499	501	521	483	†	†	†	428	435	422	476	498	455
1988–89	504	510	498	502	523	482	†	†	†	427	434	421	476	500	454
1989–90	500	505	496	501	521	483	†	†	†	424	429	419	476	499	455
1990–91	499	503	495	500	520	482	†	†	†	422	426	418	474	497	453
1991–92	500	504	496	501	521	484	†	†	†	423	428	419	476	499	456
1992–93	500	504	497	503	524	484	†	†	†	424	428	420	478	502	457
1993–94	499	501	497	504	523	487	†	†	†	423	425	421	479	501	460
1994–95	504	505	502	506	525	490	†	†	†	428	429	426	482	503	463
1995–96	505	507	503	508	527	492	†	†	†	—	—	—	—	—	—
1996–97	505	507	503	511	530	494	†	†	†	—	—	—	—	—	—
1997–98	505	509	502	512	531	496	†	†	†	—	—	—	—	—	—
1998–99	505	509	502	511	531	495	†	†	†	—	—	—	—	—	—
1999–2000	505	507	504	514	533	498	†	†	†	†	†	†	†	†	†
2000–01	506	509	502	514	533	498	†	†	†	†	†	†	†	†	†
2001–02	504	507	502	516	534	500	†	†	†	†	†	†	†	†	†
2002–03	507	512	503	519	537	503	†	†	†	†	†	†	†	†	†
2003–04	508	512	504	518	537	501	†	†	†	†	†	†	†	†	†
2004–05	508	513	505	520	538	504	†	†	†	†	†	†	†	†	†
2005–06	503	505	502	518	536	502	497	491	502	†	†	†	†	†	†
2006–07	502	504	502	515	533	499	494	489	500	†	†	†	†	†	†
2007–08	502	504	500	515	533	500	494	488	501	†	†	†	†	†	†
2008–09	501	503	498	515	534	499	493	486	499	†	†	†	†	†	†
2009–10	501	503	498	516	534	500	492	486	498	†	†	†	†	†	†
2010–11	497	500	495	514	531	500	489	482	496	†	†	†	†	†	†
2011–12	496	498	493	514	532	499	488	481	494	†	†	†	†	†	†
2012–13	496	499	494	514	531	499	488	482	493	†	†	†	†	†	†
2013–14	497	499	495	513	530	499	487	481	492	†	†	†	†	†	†
2014–15	495	497	493	511	527	496	484	478	490	†	†	†	†	†	†
2015–16 <sup>3</sup>	494	495	493	508	524	494	482	475	487	†	†	†	†	†	†

—Not available.

†Not applicable.

<sup>1</sup>Data for 1966–67 to 1985–86 were converted to the recentered scale by using a formula applied to the original mean and standard deviation. For 1986–87 to 1994–95, individual student scores were converted to the recentered scale and then the mean was recomputed. For 1995–96 to 1998–99, nearly all students received scores on the recentered scale; any score on the original scale was converted to the recentered scale prior to recomputing the mean. From 1999–2000 on, all scores have been reported on the recentered scale.

<sup>2</sup>The SAT writing section was introduced in March 2005.

<sup>3</sup>Data for 2015–16 seniors cannot be compared to data for previous graduating cohorts because the 2015–16 data include testing only through January of the senior year and graduating cohort membership was also calculated differently.

NOTE: Data for 1966–67 through 1970–71 are estimates derived from the test scores of all participants. Data for 1971–72 through 2009–10 are for seniors who took the SAT at any time during their high school years through March of their senior year. Data for 2010–11

through 2014–15 are for seniors who took the SAT at any time during their high school years through June of their senior year. Data for 2015–16 are for seniors who took the SAT at any time during their high school years through the January 2016 administration, which was the final administration prior to a major test redesign; because of the smaller number of test administrations and other differences, the 2015–16 data are not comparable to data for earlier years. For all data years, if a student took the SAT more than once, the most recent score on each section was used. Possible scores on each section of the SAT range from 200 to 800. Prior to 2006, the critical reading section was known as the verbal section. The SAT was formerly known as the Scholastic Assessment Test and the Scholastic Aptitude Test.

SOURCE: College Entrance Examination Board, *College-Bound Seniors: Total Group Profile [National] Report*, 1966–67 through 2015–16, retrieved January 31, 2017, from <https://secure-media.collegeboard.org/digitalServices/pdf/sat/total-group-2016.pdf>. (This table was prepared January 2017.)

**Table 226.30. Number, percentage distribution, and SAT mean scores of high school seniors taking the SAT, by high school grade point average, intended college major, and degree-level goal: 2017**

High school grade point average, intended college major, and degree-level goal	Seniors who had taken the SAT		Mean score <sup>1</sup>		
	Number (in thousands)	Percentage distribution	Total SAT score	Evidence-based reading and writing (ERW)	Math
1	2	3	4	5	6
<b>All students</b> .....	<b>1,715</b>	<b>100.0</b>	<b>1060</b>	<b>533</b>	<b>527</b>
<b>High school grade point average</b>					
A+ (97–100) .....	105	6.1	1254	626	628
A (93–96) .....	300	17.5	1187	595	592
A- (90–92) .....	297	17.3	1122	564	558
B (80–89) .....	711	41.4	1005	508	497
C (70–79) .....	171	10.0	899	456	444
D, E, or F (below 70) .....	11	0.6	850	429	421
No response .....	121	7.1	987	489	498
<b>Intended college major<sup>2</sup></b>					
Agriculture, agriculture operations, and related sciences .....	17	1.2	1003	508	495
Architecture and related services .....	20	1.4	1056	524	531
Area, ethnic, cultural, and gender studies .....	2	0.1	1084	561	523
Biological and biomedical sciences .....	107	7.3	1132	571	561
Business, management, marketing, and related support services .....	167	11.4	1072	536	537
Communication, journalism, and related programs .....	30	2.1	1071	552	519
Computer and information sciences and support services .....	56	3.8	1143	568	575
Construction trades, general .....	1	0.1	958	479	479
Education .....	57	3.9	1032	525	507
Engineering .....	156	10.6	1140	560	580
Engineering technologies/technicians .....	24	1.7	1047	516	532
English language and literature/letters .....	15	1.0	1124	591	533
Family and consumer sciences/human sciences .....	4	0.3	969	493	476
Foreign languages and literatures, general .....	7	0.5	1116	575	541
Health professions and related clinical services .....	278	18.9	1045	529	516
History, general .....	11	0.7	1086	562	524
Legal studies, general .....	29	2.0	1084	555	530
Liberal arts and sciences, general studies, and humanities .....	8	0.5	1116	575	541
Library science/librarianship .....	#	#	1118	585	533
Mathematics and statistics .....	11	0.7	1228	592	636
Mechanic and repair technologies/technicians .....	3	0.2	937	466	470
Military technologies .....	7	0.5	986	498	488
Multi/interdisciplinary studies .....	2	0.2	1160	586	575
Natural resources and conservation .....	8	0.6	1095	558	537
Parks, recreation, and leisure studies .....	13	0.9	966	484	482
Personal and culinary services, general .....	6	0.4	953	485	468
Philosophy and religious studies .....	3	0.2	1102	566	535
Physical sciences .....	21	1.5	1186	591	595
Precision production .....	#	#	975	488	486
Psychology, general .....	64	4.4	1055	542	513
Public administration and social service professions .....	6	0.4	996	511	485
Security and protective services .....	55	3.8	973	493	480
Social sciences .....	27	1.9	1146	588	559
Theology and religious vocations .....	2	0.1	1104	568	535
Transportation and materials moving .....	#	#	1025	513	512
Visual and performing arts, general .....	106	7.2	1046	537	509
Other .....	26	1.8	963	487	476
Undecided .....	116	7.9	1073	542	531
<b>Degree-level goal<sup>3</sup></b>					
Certificate program .....	12	0.9	925	466	460
Associate's degree .....	21	1.6	900	457	444
Bachelor's degree .....	362	27.4	1038	524	513
Master's degree .....	435	32.9	1104	555	549
Doctor's or related degree .....	305	23.1	1138	573	565
Other .....	9	0.7	918	458	460
Undecided .....	176	13.3	1064	537	527

#Rounds to zero.

<sup>1</sup>Possible scores on each SAT section range from 200 to 800, for a total possible score of 400 to 1600.

<sup>2</sup>Includes only those test-takers who responded to the question about their intended college major.

<sup>3</sup>Includes only those test-takers who responded to the question about their degree-level goal.

NOTE: The SAT was completely redesigned in 2016. The new SAT was first administered in March of 2016. This table reflects 2017 high school graduates who took the new SAT during high school. The data in this table include only test-takers from the 2017 graduating class

who took the new SAT (93 percent of the cohort). These data do not factor in performance on the old SAT, and they set a new baseline for future year-to-year comparisons. If a student took the new SAT more than once, the most recent score on each section is used, along with the student's most recent responses to the SAT questionnaire. Detail may not sum to totals because of rounding.

SOURCE: College Entrance Examination Board, *SAT Suite of Assessments Annual Report: Total Group, 2017*, retrieved November 21, 2017, from <https://reports.collegeboard.org/pdf/2017-total-group-sat-suite-assessments-annual-report.pdf>. (This table was prepared November 2017.)

**Table 226.40. SAT mean scores, standard deviations, and score ranges for high school seniors, and percentage of the graduating class taking the SAT, by state: 2017**

State	Mean score and standard deviation (SD)						Percentage distribution of seniors who had taken the SAT, by total SAT score range						Percent taking SAT <sup>1</sup>
	Total SAT		Evidence-based reading and writing (ERW)		Math		1400–1600	1200–1399	1000–1199	800–999	600–799	400–599	
	Mean score	SD	Mean score	SD	Mean score	SD	8	9	10	11	12	13	
<b>United States</b> .....	<b>1060</b>	<b>195</b>	<b>533</b>	<b>100</b>	<b>527</b>	<b>107</b>	<b>5</b>	<b>20</b>	<b>36</b>	<b>30</b>	<b>9</b>	<b>#</b>	<b>48</b>
Alabama .....	1165	199	593	100	572	111	15	29	33	20	#	0	5
Alaska .....	1080	176	547	94	533	94	4	23	41	27	5	#	38
Arizona .....	1116	179	563	92	553	98	6	27	41	21	4	#	30
Arkansas .....	1208	198	614	103	594	107	19	36	28	14	#	0	3
California .....	1055	186	531	95	524	103	4	19	37	32	8	#	53
Colorado .....	1201	194	606	99	595	107	16	39	30	12	#	#	11
Connecticut .....	1041	210	530	106	512	114	5	20	32	29	14	#	100
Delaware .....	996	197	503	104	492	103	#	14	31	36	16	#	100
District of Columbia .....	950	240	482	126	468	123	6	13	18	32	29	#	90
Florida .....	1017	190	520	97	497	104	#	16	33	35	12	#	83
Georgia .....	1050	177	535	92	515	95	3	18	39	34	7	#	61
Hawaii .....	1085	173	544	88	541	97	5	22	41	29	4	0	55
Idaho .....	1005	182	513	97	493	96	#	14	35	35	14	#	93
Illinois .....	1115	241	559	119	556	130	15	24	26	24	10	#	9
Indiana .....	1074	168	542	88	532	92	3	20	43	29	4	#	63
Iowa .....	1275	189	641	95	635	106	32	35	24	8	#	0	2
Kansas .....	1260	188	632	99	628	103	29	35	25	10	#	0	4
Kentucky .....	1247	188	631	95	616	105	26	36	27	10	#	0	4
Louisiana .....	1198	204	611	102	586	112	20	33	27	17	#	0	4
Maine .....	1012	198	513	104	499	106	#	16	34	33	14	#	95
Maryland .....	1060	199	536	102	524	108	5	21	35	30	9	#	69
Massachusetts .....	1107	191	555	98	551	104	7	26	38	23	5	#	76
Michigan .....	1005	195	509	101	495	105	#	15	32	34	16	#	100
Minnesota .....	1295	177	644	92	651	99	34	39	21	6	#	0	3
Mississippi .....	1242	187	634	91	607	107	25	36	28	10	#	0	2
Missouri .....	1271	189	640	95	631	105	30	38	22	9	#	0	3
Montana .....	1196	161	605	85	591	89	11	38	39	11	#	0	10
Nebraska .....	1253	198	629	100	625	109	29	34	26	9	#	0	3
Nevada .....	1116	170	563	86	553	96	6	26	42	23	#	0	26
New Hampshire .....	1052	198	532	102	520	107	5	20	36	29	10	#	96
New Jersey .....	1056	187	530	96	526	102	4	20	38	30	8	#	70
New Mexico .....	1138	186	577	97	561	101	9	29	38	21	#	0	11
New York .....	1052	188	528	96	523	104	4	20	37	30	9	#	67
North Carolina .....	1081	176	546	92	535	95	4	22	41	28	5	#	49
North Dakota .....	1256	199	635	100	621	110	31	35	23	9	#	0	2
Ohio .....	1149	212	578	108	570	114	13	32	31	18	6	#	12
Oklahoma .....	1047	257	530	133	517	132	12	20	20	27	21	#	7
Oregon .....	1108	174	560	93	548	94	6	26	42	24	#	#	43
Pennsylvania .....	1071	181	540	94	531	98	4	21	41	27	6	#	65
Rhode Island .....	1062	190	539	99	524	102	4	21	38	28	9	#	71
South Carolina .....	1064	174	543	91	521	94	3	20	40	31	5	#	50
South Dakota .....	1216	197	612	101	603	106	19	38	28	12	#	0	3
Tennessee .....	1228	190	623	95	604	107	22	36	30	9	#	#	5
Texas .....	1020	193	513	102	507	101	#	15	34	35	12	#	62
Utah .....	1238	185	624	96	614	102	22	40	26	11	#	0	3
Vermont .....	1114	173	562	92	551	95	5	28	41	22	3	#	60
Virginia .....	1102	184	561	95	541	100	6	25	40	24	4	#	65
Washington .....	1075	191	541	101	534	102	5	23	39	26	8	#	64
West Virginia .....	1086	171	558	88	528	95	5	20	44	28	#	0	14
Wisconsin .....	1291	178	642	95	649	98	34	38	22	6	#	#	3
Wyoming .....	1230	176	626	90	604	98	17	44	28	9	#	0	3

#Rounds to zero.

<sup>1</sup>Members of the graduating class of 2017 who had taken the SAT as a percentage of all 2016–17 high school graduates. Percentages include only students who took the new SAT, which was first administered in March 2016. State percentages were calculated by the College Entrance Examination Board based on the number of high school graduates in each state as projected by the Western Interstate Commission for Higher Education (WICHE). The total percentage for the United States was calculated by the National Center for Education Statistics (NCES) based on NCES projections of the total number of U.S. high school graduates.

NOTE: The SAT was completely redesigned in 2016. The new SAT was first administered in March of 2016. This table reflects 2017 high school graduates who took the new SAT during

high school. The data in this table include only test-takers from the 2017 graduating class who took the new SAT (93 percent of the cohort). These data do not factor in performance on the old SAT, and they set a new baseline for future year-to-year comparisons. If a student took the new SAT more than once, the most recent score on each section is used. SOURCE: College Entrance Examination Board, The 2017 SAT Suite of Assessments Annual Report, retrieved December 6, 2017, from <https://research.collegeboard.org/programs/sat/data/2017-sat-suite-annual-report>. (This table was prepared December 2017.)

**Table 226.50. Number and percentage of graduates taking the ACT test; average scores and standard deviations, by sex and race/ethnicity; and percentage of test takers with selected composite scores and planned fields of postsecondary study: Selected years, 1995 through 2017**

Score type and test-taker characteristic	1995	2000	2005	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
1	2	3	4	5	6	7	8	9	10	11	12	13	14
<b>Total test takers</b>													
Number (in thousands) .....	945	1,065	1,186	1,422	1,480	1,569	1,623	1,666	1,799	1,846	1,924	2,090	2,030
Percent of all graduates <sup>1</sup> .....	38	38	38	43	44	46	47	48	52	53 <sup>2</sup>	55 <sup>2</sup>	59 <sup>2</sup>	56 <sup>2</sup>
	Average test score <sup>3</sup>												
Composite score, total .....	20.8	21.0	20.9	21.1	21.1	21.0	21.1	21.1	20.9	21.0	21.0	20.8	21.0
Sex													
Male .....	21.0	21.2	21.1	21.2	21.3	21.2	21.2	21.2	20.9	21.1	21.1	20.9	21.0
Female .....	20.7	20.9	20.9	21.0	20.9	20.9	21.0	21.0	20.9	20.9	21.0	20.9	21.1
Race/ethnicity													
White .....	—	21.8	21.9	22.1	22.2	22.3	22.4	22.4	22.2	22.3	22.4	22.2	22.4
Black .....	—	17.0	17.0	16.9	16.9	16.9	17.0	17.0	16.9	17.0	17.1	17.0	17.1
Hispanic .....	—	—	18.6	18.7	18.7	18.6	18.7	18.9	18.8	18.8	18.9	18.7	18.9
Asian/Pacific Islander .....	—	21.7	22.1	22.9	23.2	23.4	—	—	—	—	—	—	—
Asian .....	—	—	—	—	—	—	23.6	23.6	23.5	23.5	23.9	24.0	24.3
Pacific Islander .....	—	—	—	—	—	—	19.5	19.8	19.5	18.6	18.8	18.6	18.4
American Indian/Alaska Native .....	—	19.0	18.7	19.0	18.9	19.0	18.6	18.4	18.0	18.0	17.9	17.7	17.5
Two or more races .....	—	—	—	—	—	—	21.1	21.4	21.1	21.2	21.2	21.0	21.2
Subject-area scores													
English .....	20.2	20.5	20.4	20.6	20.6	20.5	20.6	20.5	20.2	20.3	20.4	20.1	20.3
Male .....	19.8	20.0	20.0	20.1	20.2	20.1	20.2	20.2	19.8	20.0	20.0	19.8	19.9
Female .....	20.6	20.9	20.8	21.0	20.9	20.8	20.9	20.9	20.6	20.7	20.8	20.6	20.8
Mathematics .....	20.2	20.7	20.7	21.0	21.0	21.0	21.1	21.1	20.9	20.9	20.8	20.6	20.7
Male .....	20.9	21.4	21.3	21.6	21.6	21.6	21.6	21.7	21.4	21.4	21.3	21.0	21.2
Female .....	19.7	20.2	20.2	20.4	20.4	20.5	20.6	20.6	20.5	20.5	20.4	20.3	20.4
Reading .....	21.3	21.4	21.3	21.4	21.4	21.3	21.3	21.3	21.1	21.3	21.4	21.3	21.4
Male .....	21.1	21.2	21.0	21.2	21.3	21.1	21.1	21.2	20.9	21.1	21.2	21.0	21.2
Female .....	21.4	21.5	21.5	21.5	21.4	21.4	21.4	21.4	21.4	21.5	21.6	21.6	21.8
Science .....	21.0	21.0	20.9	20.8	20.9	20.9	20.9	20.9	20.7	20.8	20.9	20.8	21.0
Male .....	21.6	21.6	21.4	21.3	21.4	21.4	21.4	21.4	21.2	21.2	21.3	21.1	21.3
Female .....	20.5	20.6	20.5	20.4	20.4	20.5	20.5	20.5	20.4	20.5	20.6	20.6	20.8
STEM <sup>4</sup> .....	—	—	—	—	—	—	—	—	21.3	21.1	21.1	20.9	21.1
Male .....	—	—	—	—	—	—	—	—	—	—	—	21.3	21.5
Female .....	—	—	—	—	—	—	—	—	—	—	—	20.7	20.8
	Standard deviation <sup>5</sup>												
Composite score, total .....	—	4.7	—	5.0	5.1	5.2	5.2	5.3	5.4	5.4	5.5	5.6	5.6
Sex													
Male .....	—	4.9	5.0	—	—	—	—	—	—	—	—	—	—
Female .....	—	4.6	4.7	—	—	—	—	—	—	—	—	—	—
Subject-area scores													
English .....	—	5.5	—	6.1	6.3	6.4	6.5	6.5	6.5	6.6	6.7	6.8	6.9
Male .....	—	5.6	6.0	—	—	—	—	—	—	—	—	—	—
Female .....	—	5.5	5.9	—	—	—	—	—	—	—	—	—	—
Mathematics .....	—	5.0	—	5.2	5.3	5.3	5.3	5.3	5.3	5.3	5.4	5.4	5.5
Male .....	—	5.2	5.3	—	—	—	—	—	—	—	—	—	—
Female .....	—	4.8	4.8	—	—	—	—	—	—	—	—	—	—
Reading .....	—	6.1	—	6.1	6.2	6.2	6.2	6.2	6.3	6.3	6.4	6.5	6.6
Male .....	—	6.1	6.1	—	—	—	—	—	—	—	—	—	—
Female .....	—	6.0	6.0	—	—	—	—	—	—	—	—	—	—
Science .....	—	4.5	—	4.9	5.0	5.1	5.1	5.2	5.3	5.5	5.5	5.6	5.5
Male .....	—	4.8	4.9	—	—	—	—	—	—	—	—	—	—
Female .....	—	4.3	4.3	—	—	—	—	—	—	—	—	—	—
STEM <sup>4</sup> .....	—	—	—	—	—	—	—	—	—	—	—	5.3	5.2
Male .....	—	—	—	—	—	—	—	—	—	—	—	—	—
Female .....	—	—	—	—	—	—	—	—	—	—	—	—	—
	Percent of ACT test takers												
Composite score													
28 or above .....	—	10	10	12	12	12	13	13	13	13	14	14	15
17 or below .....	—	25	26	26	27	28	28	28	30	30	30	32	31
Planned major field of study													
Business <sup>6</sup> .....	13	11	9	11	12	11	10	9	9	9	9	9	9
Education <sup>7</sup> .....	8	9	6	6	7	7	6	6	5	5	5	4	4
Engineering <sup>8</sup> .....	8	8	6	7	8	8	8	8	9	9	10	10	10
Health sciences and technologies .....	—	17	16	17	19	20	19	19	19	19	18	17	17
Social sciences <sup>9</sup> .....	9	9	7	6	7	7	8	9	8	8	8	8	7

—Not available.

<sup>1</sup>Those members of the graduating class who had taken the ACT test as a percentage of all students who graduated in that school year. For example, the 2017 column shows test-taking members of the class of 2017 as a percentage of all 2016–17 high school graduates. Percentages were calculated by the National Center for Education Statistics (NCES) using NCES data on the total number of high school graduates.

<sup>2</sup>Number of high school graduates is projected.

<sup>3</sup>Minimum score is 1 and maximum score is 36.

<sup>4</sup>The science, technology, engineering, and mathematics (STEM) score is derived from students' scores on the ACT mathematics and science tests. The STEM score was developed to gauge students' overall proficiency in mathematics and science.

<sup>5</sup>Standard deviations not available for racial/ethnic groups.

<sup>6</sup>For years prior to 2011, includes business and management, business and office, and marketing and distribution.

<sup>7</sup>For years prior to 2011, includes education and teacher education.

<sup>8</sup>Includes engineering as well as engineering technology and drafting.

<sup>9</sup>Includes social sciences and philosophy, religion, and theology. For 2011 and later years, also includes law.

NOTE: Data are for high school graduates who took the ACT test during their sophomore, junior, or senior year. If a student took the ACT test more than once, the composite and subject-area scores from the most recent test were used. Race categories exclude persons of Hispanic ethnicity. Some data have been revised from previously published figures.

SOURCE: ACT, *High School Profile Report*, selected years, 1995 through 2017. U.S. Department of Education, National Center for Education Statistics, Common Core of Data (CCD), "State Nonfiscal Survey of Public Elementary/Secondary Education," 1995–96 through 2009–10; "State Dropout and Completion Data File," 2005–06 through 2012–13; *Public School Graduates and Dropouts From the Common Core of Data, 2007–08 and 2008–09*; Private School Universe Survey (PSS), 1995 through 2015; and National High School Graduates Projection Model, 1972–73 through 2027–28. (This table was prepared November 2017.)

**Table 226.60. Average ACT scores and percentage of graduates taking the ACT, by state: 2013 and 2017**

State	2013					2017					Percent taking ACT <sup>1</sup>	
	Composite score	Subject-area scores				Composite score	Subject-area scores				2013	2017
		English score	Mathematics score	Reading score	Science score		English score	Mathematics score	Reading score	Science score		
1	2	3	4	5	6	7	8	9	10	11	12	13
<b>United States</b> .....	<b>20.9</b>	<b>20.2</b>	<b>20.9</b>	<b>21.1</b>	<b>20.7</b>	<b>21.0</b>	<b>20.3</b>	<b>20.7</b>	<b>21.4</b>	<b>21.0</b>	<b>52</b>	<b>56</b>
Alabama .....	20.4	20.5	19.5	21.0	20.2	19.2	18.9	18.4	19.7	19.4	78	100
Alaska .....	21.1	20.1	21.2	21.7	21.0	19.8	18.7	19.8	20.4	19.9	37	65
Arizona .....	19.6	18.5	20.3	19.6	19.4	19.7	18.6	19.8	20.1	19.8	50	62
Arkansas .....	20.2	19.9	19.9	20.5	20.1	19.4	18.9	19.0	19.7	19.5	90	100
California .....	22.2	21.6	22.8	22.3	21.5	22.8	22.5	22.7	23.1	22.2	26	31
Colorado .....	20.4	19.9	20.4	20.5	20.5	20.8	20.1	20.3	21.2	20.9	100	100
Connecticut .....	24.0	24.0	23.9	24.4	23.3	25.2	25.5	24.6	25.6	24.6	27	31
Delaware .....	22.9	22.5	22.8	23.4	22.4	24.1	24.1	23.4	24.8	23.6	15	18
District of Columbia .....	20.4	19.8	20.5	21.0	19.7	24.2	24.4	23.5	24.9	23.5	38	32
Florida .....	19.6	18.7	19.7	20.4	19.1	19.8	19.0	19.4	21.0	19.4	74	73
Georgia .....	20.7	20.2	20.3	21.2	20.5	21.4	21.0	20.9	22.0	21.3	51	55
Hawaii .....	20.1	19.0	20.8	20.0	19.9	19.0	17.8	19.2	19.2	19.3	40	90
Idaho .....	22.1	21.5	21.8	22.7	21.8	22.3	21.9	21.8	23.0	22.1	49	38
Illinois .....	20.6	20.2	20.7	20.4	20.5	21.4	21.0	21.2	21.6	21.3	100	93
Indiana .....	21.7	21.0	21.9	22.1	21.4	22.6	22.0	22.4	23.2	22.3	38	35
Iowa .....	22.1	21.5	21.6	22.5	22.2	21.9	21.2	21.3	22.6	22.1	66	67
Kansas .....	21.8	21.2	21.7	22.3	21.7	21.7	21.1	21.3	22.3	21.7	75	73
Kentucky .....	19.6	19.2	19.2	19.9	19.7	20.0	19.6	19.4	20.5	20.1	100	100
Louisiana .....	19.5	19.4	19.2	19.7	19.2	19.5	19.4	18.8	19.8	19.6	100	100
Maine .....	23.5	23.4	23.3	23.8	22.9	24.3	24.2	24.0	24.8	23.7	8	8
Maryland .....	22.3	21.8	22.3	22.7	21.9	23.6	23.3	23.1	24.2	23.2	21	28
Massachusetts .....	24.1	23.8	24.4	24.4	23.2	25.4	25.4	25.3	25.9	24.7	22	29
Michigan .....	19.9	19.1	19.9	20.0	20.2	24.1	24.1	23.7	24.5	23.8	100	29
Minnesota .....	23.0	22.2	23.1	23.1	22.9	21.5	20.4	21.5	21.8	21.6	74	100
Mississippi .....	18.9	18.8	18.3	19.1	18.8	18.6	18.2	18.1	18.8	18.8	95	100
Missouri .....	21.6	21.4	21.0	21.9	21.6	20.4	19.8	19.9	20.8	20.5	74	100
Montana .....	21.3	20.2	21.4	21.9	21.2	20.3	19.0	20.2	21.0	20.5	72	100
Nebraska .....	21.5	21.1	21.1	21.8	21.5	21.4	20.9	20.9	21.9	21.5	84	84
Nevada .....	21.3	20.4	21.3	21.7	21.1	17.8	16.3	18.0	18.1	18.2	32	100
New Hampshire .....	23.8	23.6	23.6	24.2	23.2	25.5	25.4	25.1	26.0	24.9	19	18
New Jersey .....	23.0	22.5	23.6	23.1	22.2	23.9	23.8	23.8	24.1	23.2	23	34
New Mexico .....	19.9	19.0	19.7	20.4	20.1	19.7	18.6	19.4	20.4	20.0	70	66
New York .....	23.4	22.6	23.8	23.7	23.1	24.2	23.8	24.0	24.6	23.9	26	31
North Carolina .....	18.7	17.1	19.6	18.8	18.7	19.1	17.8	19.3	19.6	19.3	100	100
North Dakota .....	20.5	19.5	20.8	20.5	20.7	20.3	19.0	20.4	20.5	20.6	98	98
Ohio .....	21.8	21.2	21.5	22.2	21.8	22.0	21.2	21.6	22.5	22.0	72	75
Oklahoma .....	20.8	20.4	20.1	21.4	20.8	19.4	18.5	18.8	20.1	19.6	75	100
Oregon .....	21.5	20.8	21.6	21.9	21.3	21.8	21.2	21.5	22.4	21.7	34	40
Pennsylvania .....	22.7	22.2	23.0	23.0	22.2	23.7	23.4	23.4	24.2	23.3	18	23
Rhode Island .....	22.7	22.4	22.4	23.3	22.0	24.0	24.0	23.3	24.7	23.4	14	21
South Carolina .....	20.4	19.7	20.3	20.8	20.3	18.7	17.5	18.6	19.1	18.9	51	100
South Dakota .....	21.9	20.9	21.8	22.1	22.1	21.8	20.7	21.5	22.3	22.0	78	80
Tennessee .....	19.5	19.3	19.1	19.8	19.4	19.8	19.5	19.2	20.1	19.9	100	100
Texas .....	20.9	19.8	21.5	21.0	20.9	20.7	19.5	20.7	21.1	20.9	37	45
Utah .....	20.7	19.9	20.2	21.3	20.8	20.3	19.5	19.9	20.8	20.6	100	100
Vermont .....	23.0	22.7	22.8	23.4	22.6	23.6	23.3	23.1	24.4	23.2	26	29
Virginia .....	22.6	22.3	22.5	23.1	22.2	23.8	23.5	23.3	24.6	23.5	26	29
Washington .....	22.8	22.1	22.8	23.3	22.5	21.9	20.9	21.9	22.1	22.0	21	29
West Virginia .....	20.6	20.5	19.5	21.3	20.6	20.4	20.0	19.4	21.2	20.5	63	69
Wisconsin .....	22.1	21.5	22.0	22.3	22.2	20.5	19.7	20.4	20.6	20.9	71	100
Wyoming .....	19.8	18.6	19.7	20.2	20.0	20.2	19.4	19.8	20.8	20.6	100	100

<sup>1</sup>Members of the graduating class who had taken the ACT test as a percentage of the total number of high school graduates. For example, the 2017 column shows test-taking members of the class of 2017 as a percentage of all 2016–17 high school graduates. State percentages were calculated by ACT based on the number of high school graduates in each state as projected by the Western Interstate Commission for Higher Education (WICHE). Total percentages for the United States were calculated by the National Center for Education Statistics (NCES) based on the total number of U.S. high school graduates as reported by NCES (for 2017, the number of graduates is projected; for 2013, the number is actual).

NOTE: The minimum score on the ACT is 1 and the maximum score is 36. Data are for high school graduates who took the ACT test during their sophomore, junior, or senior year. If a student took the ACT test more than once, the composite and subject-area scores from the most recent test were used.  
SOURCE: ACT, *The Condition of College and Career Readiness*, 2013 and 2017. U.S. Department of Education, National Center for Education Statistics, Common Core of Data (CCD), "State Dropout and Completion Data File," 2012–13; Private School Universe Survey (PSS), 2013; and National High School Graduates Projection Model, 1972–73 through 2027–28. (This table was prepared November 2017.)

**Table 227.10. Percentage of 9th-grade students participating in various school-sponsored and non-school-sponsored activities, by sex and race/ethnicity: 2009**

[Standard errors appear in parentheses]

Sex and race/ethnicity	School-sponsored activities			Non-school-sponsored activities							
	Math-related <sup>1</sup>	Science-related <sup>1</sup>	At least one of the math- or science-related activities	Music, dance, art, or theater	Organized sports	Religious youth group or instruction	Scouting or other group or club activity	Academic instruction <sup>2</sup>	Math or science camp	Another camp	At least one of the non-school-sponsored activities
1	2	3	4	5	6	7	8	9	10	11	12
<b>Total</b> .....	<b>9.8 (0.39)</b>	<b>6.4 (0.36)</b>	<b>13.4 (0.50)</b>	<b>34.6 (0.91)</b>	<b>54.9 (0.81)</b>	<b>51.4 (0.93)</b>	<b>22.8 (0.64)</b>	<b>17.7 (0.62)</b>	<b>4.1 (0.31)</b>	<b>23.8 (0.76)</b>	<b>85.7 (0.60)</b>
<b>Sex</b>											
Male .....	8.9 (0.44)	6.3 (0.59)	12.6 (0.69)	27.9 (0.93)	59.8 (0.93)	49.5 (1.10)	21.6 (0.87)	17.5 (0.80)	4.1 (0.51)	23.2 (0.92)	86.1 (0.79)
Female .....	10.7 (0.55)	6.5 (0.45)	14.2 (0.67)	41.3 (1.20)	50.0 (1.10)	53.4 (1.12)	24.1 (0.88)	17.9 (0.80)	4.0 (0.40)	24.4 (0.91)	85.4 (0.75)
<b>Race/ethnicity</b>											
White .....	8.3 (0.35)	6.4 (0.43)	12.2 (0.46)	36.8 (0.78)	60.5 (0.87)	56.7 (1.04)	24.0 (0.83)	13.2 (0.65)	2.7 (0.26)	30.6 (0.92)	89.7 (0.47)
Black .....	12.5 (1.54)	5.4 (0.77)	15.3 (1.71)	33.8 (2.90)	49.1 (2.39)	52.3 (2.31)	26.3 (2.02)	32.8 (2.55)	7.4 (1.24)	14.8 (1.79)	84.9 (1.72)
Hispanic .....	10.5 (0.92)	5.5 (0.72)	13.4 (1.07)	27.5 (1.47)	46.9 (2.46)	39.1 (2.36)	16.6 (1.27)	18.6 (1.20)	3.6 (0.77)	14.5 (1.66)	76.9 (2.28)
Asian .....	17.3 (2.25)	13.0 (1.93)	22.3 (2.48)	44.4 (3.43)	38.5 (2.87)	38.8 (3.31)	25.8 (2.28)	31.1 (3.49)	15.0 (2.06)	16.2 (2.14)	82.1 (2.76)
Native Hawaiian/Pacific Islander .....	‡ (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)
American Indian/Alaska Native .....	9.1! (2.95)	‡ (†)	12.8! (3.87)	20.0! (6.56)	48.8 (6.60)	42.3 (6.00)	31.6 (6.00)	16.8 (4.36)	‡ (†)	19.1! (8.31)	78.9 (5.22)
Two or more races .....	10.5 (1.19)	7.6 (1.02)	14.2 (1.41)	36.4 (2.49)	55.8 (2.46)	53.6 (2.47)	24.9 (2.13)	15.4 (1.57)	3.4 (0.81)	21.2 (1.60)	86.8 (1.53)
<b>Race/ethnicity by sex</b>											
<b>Male</b>											
White .....	7.6 (0.45)	6.1 (0.61)	11.5 (0.73)	29.1 (0.95)	63.3 (1.06)	54.5 (1.19)	23.2 (1.12)	14.2 (0.93)	2.8 (0.36)	29.6 (1.22)	89.0 (0.61)
Black .....	12.2 (1.74)	5.8 (1.10)	15.4 (1.92)	27.4 (2.88)	58.2 (3.15)	49.0 (3.03)	21.0 (2.85)	31.1 (3.11)	7.5 (2.01)	14.6 (2.46)	87.3 (1.95)
Hispanic .....	9.2 (1.22)	5.5 (1.15)	12.1 (1.50)	22.4 (2.04)	54.4 (2.86)	37.1 (2.92)	15.3 (1.69)	16.9 (1.83)	2.9! (0.88)	13.1 (2.11)	78.4 (2.70)
Asian .....	18.4 (2.96)	11.5 (2.38)	22.8 (3.23)	36.9 (4.02)	42.9 (3.89)	32.8 (5.50)	26.1 (3.78)	31.0 (4.54)	18.4 (3.34)	20.3 (3.47)	78.9 (3.87)
Native Hawaiian/Pacific Islander .....	‡ (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)
American Indian/Alaska Native .....	10.9! (4.96)	‡ (†)	‡ (†)	18.8! (9.40)	49.9 (9.31)	38.2 (9.74)	31.3 (8.35)	‡ (†)	‡ (†)	‡ (†)	78.4 (6.67)
Two or more races .....	8.3 (1.37)	9.0 (1.85)	13.4 (2.04)	29.9 (2.96)	59.2 (3.78)	56.9 (3.48)	26.2 (2.99)	16.0 (2.30)	3.4! (1.22)	20.4 (2.28)	88.6 (1.82)
<b>Female</b>											
White .....	9.0 (0.56)	6.7 (0.61)	13.0 (0.71)	44.9 (1.16)	57.5 (1.13)	59.0 (1.17)	24.8 (1.04)	12.1 (0.76)	2.7 (0.34)	31.7 (1.08)	90.4 (0.62)
Black .....	12.8 (2.14)	5.0 (1.09)	15.2 (2.38)	39.0 (4.64)	41.8 (3.87)	55.0 (3.33)	30.5 (2.59)	34.2 (3.75)	7.3 (1.53)	14.9 (2.58)	83.0 (2.66)
Hispanic .....	11.9 (1.16)	5.5 (0.76)	14.6 (1.28)	32.9 (2.06)	39.0 (3.27)	41.1 (2.95)	17.9 (1.83)	20.3 (1.85)	4.4 (1.12)	16.0 (2.15)	75.4 (2.71)
Asian .....	16.1 (2.49)	14.6 (2.92)	21.8 (3.16)	51.8 (4.88)	34.2 (3.19)	44.8 (3.24)	25.6 (3.53)	31.2 (3.72)	11.7 (3.07)	12.2 (2.55)	85.3 (3.16)
Native Hawaiian/Pacific Islander .....	‡ (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)
American Indian/Alaska Native .....	‡ (†)	‡ (†)	‡ (†)	21.4! (8.36)	47.4 (9.63)	47.0 (11.74)	32.0 (8.98)	‡ (†)	‡ (†)	‡ (†)	79.5 (8.44)
Two or more races .....	12.7 (1.71)	6.3 (1.00)	15.0 (1.73)	42.4 (3.39)	52.5 (4.18)	50.4 (3.62)	23.7 (2.95)	14.8 (2.05)	3.4! (1.19)	22.0 (2.24)	85.1 (2.47)

†Not applicable.

!Interpret data with caution. The coefficient of variation (CV) for this estimate is between 30 and 50 percent.

‡Reporting standards not met. Either there are too few cases for a reliable estimate or the coefficient of variation (CV) is 50 percent or greater.

<sup>1</sup>Students could indicate that they participated in clubs, competitions, camps, study groups, or tutoring programs.

<sup>2</sup>Academic instruction outside of school such as from a Saturday academy, learning center, personal tutor, or summer school program.

NOTE: Data on school-sponsored activities are based on student responses and are weighted by W1STUDENT. Student reports about school-sponsored activities refer to the period "since the beginning of the last school year," which for most of these students was 8th grade, or the fall of 2008. Data on non-school-sponsored activities are based on parent responses and are weighted by W1PARENT. Parent reports about non-school-sponsored activities refer to the last 12 months. Race categories exclude persons of Hispanic ethnicity.  
SOURCE: U.S. Department of Education, National Center for Education Statistics, High School Longitudinal Study of 2009, Base-Year Public-Use Data File. (This table was prepared September 2012.)

**Table 227.40. Percentage of elementary and secondary school students who do homework, average time spent doing homework, percentage whose parents check that homework is done, and percentage whose parents help with homework, by frequency and selected characteristics: 2007, 2012, and 2016**

[Standard errors appear in parentheses]

Year and selected characteristic	Percent of students who do homework outside of school	Students who do homework outside of school												
		Average hours spent per week doing homework	Percentage distribution by how frequently they do homework				Percent whose parents' check that homework is done <sup>2</sup>	Percentage distribution by how frequently their parents' help with homework						
			Less than once per week	1 or 2 days per week	3 or 4 days per week	5 or more days per week		No help given	Less than once per week	1 or 2 days per week	3 or 4 days per week	5 or more days per week		
1	2	3	4	5	6	7	8	9	10	11	12	13		
<b>2007</b>														
<b>All students</b> .....	<b>94.4 (0.30)</b>	<b>5.4 (0.06)</b>	<b>3.1 (0.34)</b>	<b>13.1 (0.47)</b>	<b>43.6 (0.62)</b>	<b>40.2 (0.60)</b>	<b>85.4 (0.46)</b>	<b>10.2 (0.41)</b>	<b>20.3 (0.51)</b>	<b>31.7 (0.64)</b>	<b>25.3 (0.59)</b>	<b>12.4 (0.41)</b>		
<b>All elementary school students (kindergarten through grade 8)</b> .....	<b>95.0 (0.37)</b>	<b>4.7 (0.07)</b>	<b>2.1 (0.23)</b>	<b>12.3 (0.56)</b>	<b>46.2 (0.73)</b>	<b>39.4 (0.68)</b>	<b>95.0 (0.34)</b>	<b>4.3 (0.34)</b>	<b>13.1 (0.52)</b>	<b>32.6 (0.77)</b>	<b>32.9 (0.76)</b>	<b>17.0 (0.56)</b>		
<b>Sex</b>														
Male.....	94.6 (0.51)	4.6 (0.09)	2.1 (0.31)	12.4 (0.71)	47.9 (1.19)	37.6 (1.09)	95.3 (0.47)	4.3 (0.39)	12.9 (0.63)	32.3 (1.02)	32.7 (1.28)	17.8 (0.85)		
Female.....	95.4 (0.53)	4.9 (0.10)	2.1 (0.31)	12.2 (0.96)	44.4 (1.13)	41.3 (1.08)	94.6 (0.48)	4.3 (0.56)	13.4 (0.76)	32.9 (1.17)	33.2 (1.17)	16.1 (0.79)		
<b>Race/ethnicity</b>														
White .....	94.7 (0.48)	4.4 (0.07)	2.7 (0.36)	13.7 (0.74)	48.3 (1.05)	35.3 (0.99)	94.0 (0.42)	3.8 (0.37)	15.7 (0.74)	34.9 (0.94)	31.3 (0.92)	14.3 (0.63)		
Black.....	95.5 (1.07)	5.6 (0.27)	1.3! (0.53)	7.0 (1.19)	44.4 (3.40)	47.2 (3.11)	98.1 (0.63)	3.5 (1.03)	7.4 (1.14)	25.2 (2.22)	38.3 (3.36)	25.5 (2.38)		
Hispanic.....	94.8 (0.85)	4.7 (0.11)	1.3 (0.33)	13.5 (1.39)	40.7 (1.94)	44.4 (1.74)	96.1 (0.70)	7.1 (0.95)	10.3 (0.91)	30.1 (1.79)	34.0 (1.78)	18.6 (1.52)		
Asian/Pacific Islander .....	95.9 (2.14)	5.7 (0.36)	± (†)	4.7 (1.35)	40.1 (4.35)	54.3 (4.73)	89.4 (3.22)	3.7! (1.35)	15.4 (4.07)	34.7 (4.39)	29.3 (4.03)	17.0 (2.54)		
Asian .....	97.7 (0.97)	5.7 (0.39)	± (†)	5.1! (1.53)	39.1 (4.31)	54.8 (4.48)	88.5 (3.44)	3.1! (1.36)	12.8 (2.84)	37.5 (4.52)	30.7 (4.22)	15.9 (2.56)		
Pacific Islander .....	79.3 (†)	± (†)	± (†)	± (†)	± (†)	± (†)	± (†)	± (†)	± (†)	± (†)	± (†)	± (†)		
American Indian/Alaska Native .....	98.3 (†)	± (†)	± (†)	± (†)	± (†)	± (†)	± (†)	± (†)	± (†)	± (†)	± (†)	± (†)		
Other <sup>3</sup> .....	96.7 (1.24)	4.8 (0.25)	1.2! (0.56)	8.5 (1.73)	57.1 (3.81)	33.1 (3.69)	95.1 (1.81)	± (†)	12.3 (2.30)	35.5 (3.99)	33.8 (3.81)	16.1 (2.71)		
<b>School control</b>														
Public .....	95.1 (0.38)	4.7 (0.08)	2.0 (0.25)	12.4 (0.62)	46.1 (0.76)	39.4 (0.73)	95.4 (0.36)	4.4 (0.38)	13.1 (0.55)	32.4 (0.86)	32.9 (0.81)	17.2 (0.64)		
Private .....	94.0 (1.01)	4.8 (0.19)	2.7 (0.63)	11.4 (1.96)	46.7 (2.64)	39.2 (2.46)	91.5 (1.19)	3.6 (0.85)	13.6 (1.48)	34.3 (2.10)	33.5 (2.36)	15.2 (1.68)		
<b>Poverty status<sup>4</sup></b>														
Poor .....	94.2 (0.99)	4.7 (0.20)	2.9 (0.72)	16.3 (2.18)	39.0 (2.53)	41.7 (2.21)	97.9 (0.55)	6.1 (1.01)	8.8 (1.29)	28.5 (2.44)	35.2 (2.41)	21.3 (1.90)		
Near-poor .....	93.1 (1.03)	4.7 (0.16)	2.2 (0.49)	13.4 (1.37)	47.0 (1.89)	37.5 (1.91)	95.8 (1.05)	5.2 (0.92)	11.5 (1.13)	31.8 (1.79)	33.3 (1.63)	18.2 (1.60)		
Nonpoor .....	95.9 (0.38)	4.8 (0.08)	1.8 (0.24)	10.7 (0.59)	48.3 (0.94)	39.2 (0.89)	93.7 (0.48)	3.5 (0.32)	15.1 (0.68)	34.2 (0.85)	32.1 (0.79)	15.2 (0.59)		
<b>Locale</b>														
City .....	95.2 (0.65)	5.1 (0.13)	1.5 (0.31)	9.1 (0.91)	43.4 (1.58)	46.0 (1.43)	95.4 (0.54)	4.8 (0.67)	11.3 (1.02)	29.1 (1.39)	36.0 (1.41)	18.7 (1.15)		
Suburban .....	95.4 (0.51)	4.9 (0.11)	1.9 (0.37)	9.3 (0.71)	46.1 (1.24)	42.7 (1.19)	93.5 (0.67)	4.4 (0.55)	14.5 (0.85)	33.1 (1.05)	30.8 (1.14)	17.1 (0.91)		
Town .....	93.0 (1.50)	4.1 (0.14)	2.7 (0.79)	18.8 (1.98)	46.4 (2.29)	32.2 (2.08)	96.0 (1.04)	3.2 (0.80)	14.2 (1.62)	35.7 (2.68)	31.1 (2.31)	15.7 (1.62)		
Rural .....	95.0 (0.85)	4.2 (0.15)	3.2 (0.69)	19.5 (1.79)	50.6 (1.90)	26.8 (1.63)	96.3 (0.72)	4.1 (0.94)	13.1 (1.30)	35.5 (2.29)	32.8 (2.23)	14.6 (1.37)		
<b>All secondary school students (grades 9 through 12)</b> .....	<b>93.0 (0.55)</b>	<b>6.8 (0.11)</b>	<b>5.4 (0.85)</b>	<b>14.8 (0.96)</b>	<b>38.0 (1.15)</b>	<b>41.9 (1.18)</b>	<b>64.6 (1.21)</b>	<b>23.1 (1.08)</b>	<b>35.9 (1.26)</b>	<b>29.7 (1.19)</b>	<b>8.8 (0.81)</b>	<b>2.5 (0.34)</b>		
<b>Sex</b>														
Male.....	91.2 (0.80)	6.0 (0.19)	7.4 (1.53)	18.3 (1.59)	38.2 (1.78)	36.0 (1.64)	67.8 (1.88)	24.1 (1.56)	36.9 (1.97)	29.1 (1.84)	8.2 (1.11)	1.8 (0.41)		
Female.....	94.9 (0.79)	7.5 (0.16)	3.3 (0.72)	11.2 (1.10)	37.7 (1.79)	47.9 (1.85)	61.4 (1.78)	22.0 (1.32)	35.0 (1.44)	30.4 (1.35)	9.3 (1.11)	3.3 (0.60)		
<b>Race/ethnicity</b>														
White .....	94.5 (0.52)	6.8 (0.13)	4.2 (0.58)	12.9 (0.91)	38.6 (1.51)	44.3 (1.42)	57.2 (1.54)	22.5 (1.28)	41.1 (1.36)	27.7 (1.43)	6.3 (0.66)	2.3 (0.42)		
Black.....	91.8 (1.98)	6.3 (0.38)	± (†)	20.1 (3.86)	41.0 (4.72)	29.7 (3.43)	83.1 (2.84)	19.5 (2.97)	26.5 (4.77)	34.4 (4.03)	16.7 (4.45)	2.9! (1.13)		
Hispanic.....	90.7 (2.11)	6.4 (0.34)	5.9 (1.29)	17.7 (3.55)	36.6 (2.93)	39.9 (3.03)	75.6 (2.71)	26.2 (2.94)	25.8 (2.38)	33.8 (3.49)	11.0 (1.76)	3.3! (1.00)		
Asian/Pacific Islander .....	94.2 (4.66)	10.9 (1.22)	± (†)	12.2! (4.84)	22.3 (6.26)	63.6 (7.16)	65.0 (7.41)	27.1 (7.15)	34.0 (6.73)	27.0 (6.87)	9.2! (3.24)	± (†)		
Asian .....	93.6 (5.45)	10.3 (1.37)	± (†)	13.8! (5.51)	18.5! (6.12)	67.7 (7.18)	59.0 (7.69)	26.4 (7.58)	36.1 (7.55)	26.8 (7.61)	7.6! (3.11)	± (†)		
Pacific Islander .....	± (†)	± (†)	± (†)	± (†)	± (†)	± (†)	± (†)	± (†)	± (†)	± (†)	± (†)	± (†)		
American Indian/Alaska Native .....	± (†)	± (†)	± (†)	± (†)	± (†)	± (†)	± (†)	± (†)	± (†)	± (†)	± (†)	± (†)		
Other.....	86.7 (4.90)	7.2 (0.72)	± (†)	9.9 (2.55)	34.1 (4.90)	50.2 (5.29)	64.4 (6.36)	27.2 (6.80)	35.6 (5.57)	27.8 (5.30)	7.9! (2.41)	± (†)		
<b>School control</b>														
Public.....	92.3 (0.60)	6.5 (0.11)	5.9 (0.96)	15.9 (1.06)	39.7 (1.26)	38.5 (1.17)	66.1 (1.24)	22.8 (1.16)	35.4 (1.29)	30.0 (1.26)	9.1 (0.87)	2.7 (0.37)		
Private .....	98.5 (0.54)	9.3 (0.39)	0.8! (0.35)	5.9 (1.34)	24.0 (2.72)	69.4 (2.89)	53.1 (3.98)	25.0 (2.64)	40.1 (3.68)	27.5 (4.07)	6.1 (1.36)	1.4! (0.61)		
<b>Poverty status<sup>4</sup></b>														
Poor .....	89.5 (2.21)	5.5 (0.32)	± (†)	19.2 (3.62)	38.7 (4.32)	33.7 (3.69)	81.0 (3.03)	24.2 (3.80)	24.0 (4.21)	36.1 (3.76)	14.0 (3.21)	1.7! (0.63)		
Near-poor .....	89.5 (1.86)	6.4 (0.35)	6.6 (1.58)	20.5 (3.32)	44.2 (3.43)	28.7 (3.10)	70.8 (3.38)	22.9 (2.90)	32.4 (2.97)	28.7 (3.42)	13.0 (2.22)	3.0! (1.02)		
Nonpoor .....	94.9 (0.57)	7.2 (0.13)	4.3 (0.54)	12.1 (0.74)	36.1 (1.41)	47.5 (1.34)	58.9 (1.28)	22.8 (1.11)	39.9 (1.29)	28.4 (1.17)	6.3 (0.68)	2.6 (0.45)		

See notes at end of table.

**Table 227.40. Percentage of elementary and secondary school students who do homework, average time spent doing homework, percentage whose parents check that homework is done, and percentage whose parents help with homework, by frequency and selected characteristics: 2007, 2012, and 2016—Continued**

[Standard errors appear in parentheses]

Year and selected characteristic	Percent of students who do homework outside of school	Students who do homework outside of school											
		Average hours spent per week doing homework	Percentage distribution by how frequently they do homework				Percent whose parents' check that homework is done <sup>2</sup>	Percentage distribution by how frequently their parents' help with homework					
			Less than once per week	1 or 2 days per week	3 or 4 days per week	5 or more days per week		No help given	Less than once per week	1 or 2 days per week	3 or 4 days per week	5 or more days per week	
1	2	3	4	5	6	7	8	9	10	11	12	13	
<b>Coursework</b>													
Enrolled in AP classes .....	96.9 (0.59)	8.5 (0.22)	2.4 (0.70)	7.5 (0.93)	31.9 (1.81)	58.2 (1.97)	56.3 (2.06)	27.4 (1.90)	36.3 (1.69)	28.3 (1.74)	6.0 (0.99)	1.9 (0.43)	
Not enrolled in AP classes .....	90.6 (0.81)	5.7 (0.13)	7.3 (1.31)	19.5 (1.40)	41.9 (1.56)	31.2 (1.42)	70.1 (1.46)	20.2 (1.14)	35.7 (1.70)	30.7 (1.59)	10.5 (1.23)	2.9 (0.51)	
<b>Locale</b>													
City .....	92.8 (1.01)	6.8 (0.22)	6.3! (2.46)	14.1 (1.90)	35.9 (2.32)	43.7 (2.53)	71.5 (1.89)	22.6 (1.88)	33.4 (2.64)	29.3 (2.00)	12.0 (1.80)	2.7 (0.55)	
Suburban .....	93.6 (0.95)	7.5 (0.17)	4.8 (0.86)	11.4 (1.27)	36.5 (1.71)	47.4 (2.07)	58.9 (2.00)	23.6 (1.74)	39.1 (1.79)	27.8 (1.68)	7.5 (1.01)	2.0 (0.47)	
Town .....	89.7 (2.16)	6.4 (0.27)	5.4 (1.48)	13.2 (1.74)	45.9 (3.46)	35.5 (3.17)	64.8 (3.12)	24.3 (2.81)	34.4 (2.96)	27.9 (3.41)	9.3 (1.80)	4.2! (1.54)	
Rural .....	93.9 (1.23)	5.6 (0.29)	5.1 (1.20)	22.7 (2.76)	39.6 (3.04)	32.6 (2.79)	65.5 (2.94)	22.1 (2.69)	34.4 (2.71)	34.8 (3.43)	6.2 (1.53)	2.5! (0.88)	
<b>2012</b>													
<b>All students .....</b>	<b>96.0 (0.27)</b>	<b>5.2 (0.05)</b>	<b>5.3 (0.22)</b>	<b>15.3 (0.46)</b>	<b>43.5 (0.58)</b>	<b>35.9 (0.59)</b>	<b>96.6 (0.18)</b>	<b>8.5 (0.24)</b>	<b>22.0 (0.43)</b>	<b>26.5 (0.43)</b>	<b>26.5 (0.52)</b>	<b>16.6 (0.41)</b>	
<b>All elementary school students (kindergarten through grade 8) .....</b>	<b>96.3 (0.29)</b>	<b>4.7 (0.06)</b>	<b>4.1 (0.27)</b>	<b>12.8 (0.50)</b>	<b>46.7 (0.74)</b>	<b>36.3 (0.68)</b>	<b>99.0 (0.12)</b>	<b>3.0 (0.24)</b>	<b>14.5 (0.40)</b>	<b>27.0 (0.54)</b>	<b>33.7 (0.64)</b>	<b>21.9 (0.57)</b>	
<b>All secondary school students (grades 9 through 12) .....</b>	<b>95.1 (0.58)</b>	<b>6.6 (0.10)</b>	<b>8.4 (0.48)</b>	<b>21.8 (0.92)</b>	<b>35.0 (0.91)</b>	<b>34.9 (0.97)</b>	<b>90.4 (0.55)</b>	<b>22.7 (0.70)</b>	<b>41.5 (1.00)</b>	<b>25.3 (0.84)</b>	<b>7.8 (0.63)</b>	<b>2.8 (0.28)</b>	
<b>2016</b>													
<b>All students .....</b>	<b>94.0 (0.33)</b>	<b>5.4 (0.07)</b>	<b>6.3 (0.36)</b>	<b>15.6 (0.58)</b>	<b>42.3 (0.74)</b>	<b>35.9 (0.61)</b>	<b>96.6 (0.19)</b>	<b>9.2 (0.32)</b>	<b>23.4 (0.51)</b>	<b>26.6 (0.62)</b>	<b>24.8 (0.71)</b>	<b>16.0 (0.51)</b>	
<b>All elementary school students (kindergarten through grade 8) .....</b>	<b>95.0 (0.42)</b>	<b>4.7 (0.08)</b>	<b>5.4 (0.45)</b>	<b>14.4 (0.68)</b>	<b>45.6 (0.96)</b>	<b>34.6 (0.83)</b>	<b>99.1 (0.12)</b>	<b>4.0 (0.31)</b>	<b>16.6 (0.59)</b>	<b>26.9 (0.79)</b>	<b>31.4 (0.89)</b>	<b>21.0 (0.70)</b>	
<b>Sex</b>													
Male.....	94.2 (0.71)	4.5 (0.10)	6.2 (0.67)	14.5 (0.92)	46.2 (1.36)	33.1 (1.19)	99.4 (0.13)	4.2 (0.50)	15.5 (0.76)	26.2 (1.16)	32.2 (1.18)	21.8 (1.11)	
Female.....	95.9 (0.46)	4.8 (0.09)	4.4 (0.59)	14.3 (0.92)	44.9 (1.19)	36.3 (1.14)	98.7 (0.20)	3.9 (0.38)	17.8 (0.97)	27.7 (1.17)	30.5 (1.16)	20.2 (1.08)	
<b>Race/ethnicity</b>													
White .....	95.4 (0.41)	4.2 (0.09)	6.3 (0.58)	16.2 (0.78)	48.0 (1.14)	29.5 (1.15)	98.9 (0.16)	3.3 (0.42)	19.5 (0.73)	29.5 (0.90)	31.0 (1.00)	16.7 (0.91)	
Black .....	93.6 (1.83)	5.8 (0.33)	4.8 (1.15)	13.4 (2.14)	41.9 (2.62)	39.9 (2.88)	99.6 (0.23)	3.7 (0.91)	10.5 (1.58)	23.1 (2.52)	32.4 (2.63)	30.2 (2.64)	
Hispanic .....	95.4 (0.99)	4.6 (0.12)	4.3 (0.96)	11.7 (1.48)	44.0 (2.09)	40.0 (2.11)	99.4 (0.22)	5.2 (0.87)	14.0 (1.34)	23.7 (1.47)	32.5 (2.03)	24.6 (1.68)	
Asian/Pacific Islander .....	96.5 (0.95)	5.9 (0.30)	± (†)	14.4! (5.23)	35.0 (3.70)	47.0 (3.48)	99.0 (0.42)	6.6 (1.29)	19.9 (3.13)	25.2 (4.83)	24.3 (2.85)	24.0 (3.01)	
Asian .....	96.3 (1.00)	5.9 (0.31)	± (†)	14.8! (5.46)	34.4 (3.82)	47.1 (3.70)	99.0 (0.44)	5.9 (1.20)	19.5 (3.27)	25.8 (4.99)	24.9 (2.96)	23.9 (3.10)	
Pacific Islander .....	± (†)	± (†)	± (†)	± (†)	± (†)	± (†)	± (†)	± (†)	± (†)	± (†)	± (†)	± (†)	
American Indian/Alaska Native .....	91.5 (6.64)	4.2 (0.49)	± (†)	27.3! (13.19)	50.3 (11.70)	± (†)	± (†)	± (†)	± (†)	± (†)	50.8 (11.96)	± (†)	
Two or more races .....	91.8 (1.87)	4.6 (0.25)	4.4! (1.38)	11.3 (1.67)	53.1 (4.21)	31.1 (3.42)	97.7 (0.96)	4.2 (1.21)	13.2 (1.95)	30.4 (3.38)	34.4 (4.86)	17.8 (2.76)	
<b>School control</b>													
Public .....	95.0 (0.46)	4.5 (0.08)	5.4 (0.51)	14.8 (0.74)	46.1 (1.07)	33.7 (0.88)	99.1 (0.13)	4.2 (0.34)	16.4 (0.65)	26.7 (0.84)	31.6 (0.96)	21.0 (0.76)	
Private .....	94.8 (1.25)	5.6 (0.24)	4.8 (1.24)	10.6 (1.66)	40.8 (2.59)	43.9 (2.57)	99.0 (0.30)	2.1 (0.50)	18.4 (1.73)	28.8 (2.21)	29.1 (2.32)	21.5 (2.34)	
<b>Poverty status<sup>4</sup></b>													
Poor .....	92.9 (1.40)	4.5 (0.27)	7.2 (1.32)	16.4 (2.26)	40.3 (2.33)	36.0 (2.29)	99.5 (0.17)	4.9 (0.99)	12.0 (1.63)	25.6 (2.71)	27.9 (2.28)	29.6 (2.31)	
Near-poor .....	94.3 (1.14)	4.6 (0.17)	5.7 (0.87)	15.3 (1.59)	45.9 (2.35)	33.1 (2.17)	99.5 (0.20)	4.9 (0.93)	15.6 (1.29)	26.2 (1.92)	32.1 (2.21)	21.2 (1.73)	
Nonpoor .....	95.9 (0.42)	4.7 (0.08)	4.7 (0.45)	13.5 (0.61)	47.1 (1.02)	34.8 (1.00)	98.8 (0.18)	3.5 (0.37)	18.4 (0.68)	27.6 (0.78)	32.2 (0.95)	18.4 (0.78)	
<b>Locale</b>													
City .....	93.9 (0.97)	4.9 (0.13)	5.6 (0.77)	13.3 (1.37)	42.0 (1.68)	39.1 (1.51)	99.5 (0.15)	3.6 (0.45)	15.4 (1.19)	26.4 (1.79)	31.6 (1.81)	23.1 (1.45)	
Suburban .....	96.1 (0.52)	4.8 (0.12)	4.0 (0.61)	12.8 (0.85)	46.4 (1.27)	36.9 (1.23)	98.7 (0.22)	4.6 (0.53)	16.6 (0.85)	27.0 (1.06)	30.5 (1.04)	21.2 (1.03)	
Town .....	93.5 (1.29)	3.8 (0.16)	8.2 (1.95)	20.1 (2.16)	46.9 (2.50)	24.8 (2.33)	99.4 (0.30)	4.6 (1.25)	16.1 (2.24)	27.1 (2.28)	32.6 (2.73)	19.6 (2.71)	
Rural .....	95.1 (0.87)	4.1 (0.14)	7.3 (0.92)	18.2 (1.44)	50.1 (2.34)	24.4 (1.99)	99.3 (0.21)	3.1 (0.75)	19.4 (1.43)	27.8 (1.52)	32.7 (2.16)	16.9 (2.11)	

See notes at end of table.

**Table 227.40. Percentage of elementary and secondary school students who do homework, average time spent doing homework, percentage whose parents check that homework is done, and percentage whose parents help with homework, by frequency and selected characteristics: 2007, 2012, and 2016—Continued**

[Standard errors appear in parentheses]

Year and selected characteristic	Percent of students who do homework outside of school	Students who do homework outside of school													
		Average hours spent per week doing homework	Percentage distribution by how frequently they do homework				Percent whose parents' check that homework is done <sup>2</sup>	Percentage distribution by how frequently their parents' help with homework							
			Less than once per week	1 or 2 days per week	3 or 4 days per week	5 or more days per week		No help given	Less than once per week	1 or 2 days per week	3 or 4 days per week	5 or more days per week			
1	2	3	4	5	6	7	8	9	10	11	12	13			
<b>All secondary school students (grades 9 through 12)</b>	<b>91.5 (0.72)</b>	<b>7.5 (0.13)</b>	<b>8.7 (0.56)</b>	<b>18.7 (0.85)</b>	<b>33.4 (0.93)</b>	<b>39.2 (1.03)</b>	<b>89.9 (0.61)</b>	<b>23.0 (0.81)</b>	<b>41.4 (1.02)</b>	<b>25.7 (0.96)</b>	<b>7.3 (0.65)</b>	<b>2.6 (0.30)</b>			
<b>Sex</b>															
Male	88.7 (1.27)	6.4 (0.14)	12.0 (0.97)	22.2 (1.36)	33.9 (1.08)	31.8 (1.51)	91.5 (0.96)	23.2 (1.19)	41.4 (1.25)	25.4 (1.21)	7.4 (0.94)	2.5 (0.42)			
Female	94.4 (0.68)	8.5 (0.19)	5.3 (0.68)	15.3 (1.04)	32.9 (1.53)	46.5 (1.51)	88.2 (0.74)	22.8 (1.19)	41.4 (1.46)	26.0 (1.40)	7.2 (0.89)	2.6 (0.48)			
<b>Race/ethnicity</b>															
White	90.6 (1.07)	7.2 (0.13)	9.2 (0.71)	19.6 (1.08)	32.7 (1.09)	38.5 (1.23)	88.4 (0.72)	20.8 (1.08)	49.4 (1.35)	22.2 (1.08)	5.8 (0.74)	1.8 (0.32)			
Black	92.7 (1.58)	7.0 (0.33)	9.9 (1.98)	22.1 (2.71)	36.1 (3.35)	31.9 (2.75)	93.5 (2.52)	19.0 (2.76)	33.3 (3.32)	31.7 (3.04)	11.1 (1.81)	4.8 (1.24)			
Hispanic	91.2 (1.67)	7.1 (0.33)	8.3 (1.25)	17.8 (1.69)	35.7 (2.39)	38.2 (2.51)	92.0 (0.96)	28.9 (2.20)	28.8 (1.86)	30.3 (2.30)	8.5 (2.01)	3.5 (0.63)			
Asian/Pacific Islander	96.4 (2.42)	11.2 (0.81)	1.4! (0.65)	7.7 (1.84)	23.2 (3.56)	67.8 (3.85)	84.9 (2.62)	28.6 (3.42)	33.6 (3.58)	27.5 (4.06)	8.9 (1.79)	† (†)			
Asian	96.3 (2.50)	11.4 (0.83)	1.4! (0.67)	6.5 (1.42)	22.9 (3.56)	69.2 (3.68)	84.4 (2.69)	29.1 (3.53)	32.3 (3.56)	28.2 (4.14)	9.0 (1.85)	† (†)			
Pacific Islander	† (†)	† (†)	† (†)	† (†)	† (†)	† (†)	† (†)	† (†)	† (†)	† (†)	† (†)	† (†)			
American Indian/Alaska Native	† (†)	† (†)	† (†)	† (†)	† (†)	† (†)	† (†)	† (†)	† (†)	† (†)	† (†)	† (†)			
Two or more races	92.6 (2.33)	8.3 (0.83)	6.5 (1.72)	15.9 (2.92)	37.0 (3.92)	40.5 (3.97)	89.8 (2.42)	19.9 (3.41)	50.1 (4.33)	22.2 (4.29)	5.7 (1.59)	† (†)			
<b>School control</b>															
Public	91.2 (0.74)	7.2 (0.13)	9.3 (0.62)	20.0 (0.92)	34.4 (1.02)	36.3 (1.12)	90.4 (0.64)	23.1 (0.85)	40.6 (1.13)	26.1 (1.04)	7.5 (0.72)	2.7 (0.34)			
Private	94.0 (2.44)	9.9 (0.32)	2.4! (0.86)	6.5 (1.21)	23.3 (2.22)	67.8 (2.36)	84.6 (1.75)	21.7 (2.01)	49.5 (2.29)	22.0 (2.16)	5.3 (0.97)	1.5! (0.44)			
<b>Poverty status<sup>4</sup></b>															
Poor	85.5 (3.58)	6.2 (0.33)	14.9 (2.45)	23.1 (2.80)	36.7 (3.41)	25.3 (2.88)	91.5 (2.54)	30.0 (2.92)	21.7 (2.49)	29.2 (3.23)	14.4 (3.49)	4.7 (1.22)			
Near-poor	90.9 (1.30)	6.7 (0.24)	9.7 (1.44)	22.0 (2.14)	35.1 (2.56)	33.2 (2.49)	93.5 (1.09)	21.7 (2.09)	34.7 (2.22)	33.2 (1.92)	6.7 (1.19)	3.7 (0.71)			
Nonpoor	93.0 (0.71)	7.9 (0.13)	7.0 (0.53)	16.8 (0.84)	32.2 (0.93)	43.9 (1.07)	88.4 (0.59)	21.9 (0.87)	47.6 (1.13)	22.7 (1.16)	6.0 (0.57)	1.8 (0.32)			
<b>Coursework</b>															
Enrolled in AP classes	96.9 (0.62)	9.4 (0.24)	4.5 (0.58)	13.0 (1.08)	30.3 (1.38)	52.2 (1.57)	86.7 (0.87)	28.7 (1.25)	42.7 (1.51)	21.8 (1.44)	5.8 (0.86)	1.0 (0.21)			
Not enrolled in AP classes	88.1 (1.04)	6.1 (0.12)	11.5 (0.81)	22.7 (1.15)	35.5 (1.23)	30.3 (1.32)	92.1 (0.80)	19.1 (1.05)	40.5 (1.47)	28.4 (1.22)	8.3 (0.86)	3.7 (0.50)			
<b>Locale</b>															
City	91.6 (1.25)	7.8 (0.27)	8.7 (1.14)	17.2 (1.59)	32.7 (1.73)	41.4 (2.14)	91.3 (0.91)	22.8 (1.90)	38.0 (1.93)	27.9 (1.90)	8.6 (1.28)	2.7 (0.61)			
Suburban	93.6 (1.11)	7.9 (0.17)	6.1 (0.73)	16.7 (1.38)	33.7 (1.47)	43.5 (1.37)	89.3 (1.07)	22.6 (1.20)	43.3 (1.53)	24.2 (1.37)	7.2 (1.04)	2.7 (0.51)			
Town	85.7 (3.15)	6.1 (0.33)	11.9 (1.96)	26.3 (3.48)	31.7 (3.10)	30.1 (3.68)	91.5 (2.01)	24.6 (3.42)	41.8 (3.83)	24.1 (2.90)	6.6 (1.79)	3.0! (1.10)			
Rural	87.8 (2.02)	6.1 (0.22)	14.6 (1.83)	24.3 (1.98)	34.8 (1.97)	26.3 (1.83)	88.3 (1.15)	23.7 (2.04)	41.9 (2.19)	26.9 (2.22)	5.4 (1.15)	2.1! (0.64)			

†Not applicable.

#Rounds to zero.

!Interpret data with caution. The coefficient of variation (CV) for this estimate is between 30 and 50 percent.

‡Reporting standards not met. Either there are too few cases for a reliable estimate or the coefficient of variation (CV) is 50 percent or greater.

<sup>1</sup>Refers to one or more parent or other household adult.

<sup>2</sup>The 2007 and 2016 questionnaire items differed. In 2007, parents responded “yes” or “no” to an item asking whether they check that homework is done. In 2016, parents responded to a multiple-choice question asking how often they check that homework is done, and the 2016 estimates include all parents who “rarely,” “sometimes,” or “always” check. Therefore, the 2007 and 2016 estimates are not comparable.

<sup>3</sup>Includes children of Two or more races as well as those for whom “Other race” was reported. “Other race” was not included on the 2012 and 2016 questionnaires.

<sup>4</sup>Poor children are those whose family incomes were below the Census Bureau’s poverty threshold in the year prior to data collection; near-poor children are those whose family incomes ranged from the poverty threshold to 199 percent of the poverty threshold; and nonpoor children are those whose family incomes were at or above 200 percent of the poverty threshold.

The poverty threshold is a dollar amount that varies depending on a family’s size and composition and is updated annually to account for inflation. In 2015, for example, the poverty threshold for a family of four with two children was \$24,257. Survey respondents are asked to select the range within which their income falls, rather than giving the exact amount of their income; therefore, the measure of poverty status is an approximation.

NOTE: While National Household Education Surveys Program (NHES) administrations prior to 2012 were administered via telephone with an interviewer, NHES:2012 and NHES:2016 used self-administered paper-and-pencil questionnaires that were mailed to respondents. Measurable differences between estimates for years prior to 2012 and estimates for later years could reflect actual changes in the population, or the changes could be due to the mode change from telephone to mail. Includes children enrolled in kindergarten through grade 12 and ungraded students. Excludes homeschooled students. Data based on responses of the parent most knowledgeable about the student’s education. Race categories exclude persons of Hispanic ethnicity. Detail may not sum to totals because of rounding.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Parent and Family Involvement in Education Survey of the National Household Education Surveys Program (PFI-NHES:2007, 2012, and 2016). (This table was prepared May 2018.)

**Table 227.50. Average National Assessment of Educational Progress (NAEP) reading and mathematics scale scores of 4th-, 8th-, and 12th-graders and percentage absent from school, by selected characteristics and number of days absent in the last month: 2015 and 2017**

[Standard errors appear in parentheses]

Grade level and days absent from school in the last month	Sex			Race/ethnicity							Eligibility for free or reduced-price lunch (public school students only)			Control of school		
	All students	Male	Female	White	Black	Hispanic	Asian	Pacific Islander	American Indian/Alaska Native	Two or more races	Eligible	Not eligible	Unknown	Public	Catholic	Other private
	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
Average mathematics scale score <sup>1</sup>																
<b>4th-graders (2017)</b> .....	<b>240 (0.2)</b>	<b>241 (0.3)</b>	<b>239 (0.2)</b>	<b>248 (0.2)</b>	<b>223 (0.5)</b>	<b>229 (0.4)</b>	<b>260 (1.0)</b>	<b>229 (2.7)</b>	<b>227 (1.3)</b>	<b>245 (0.8)</b>	<b>228 (0.3)</b>	<b>253 (0.3)</b>	<b>238 (2.0)</b>	<b>239 (0.2)</b>	<b>245 (1.1)</b>	‡ (†)
0 days .....	246 (0.3)	247 (0.4)	245 (0.4)	253 (0.3)	230 (0.6)	237 (0.6)	267 (1.3)	243 (4.4)	238 (2.0)	251 (1.0)	234 (0.4)	258 (0.4)	243 (2.6)	246 (0.3)	249 (1.4)	‡ (†)
1–2 days .....	242 (0.3)	244 (0.4)	240 (0.3)	250 (0.4)	226 (0.7)	232 (0.6)	260 (1.2)	226 (3.8)	232 (2.3)	245 (1.2)	231 (0.4)	253 (0.4)	246 (2.7)	241 (0.3)	248 (1.5)	‡ (†)
3–4 days .....	235 (0.4)	236 (0.6)	234 (0.6)	244 (0.5)	220 (0.8)	225 (0.9)	252 (2.2)	227 (5.6)	227 (2.5)	240 (2.0)	225 (0.5)	248 (0.7)	227 (3.5)	234 (0.4)	237 (2.4)	‡ (†)
5–10 days .....	231 (0.7)	231 (0.9)	231 (0.8)	240 (0.9)	216 (1.2)	221 (1.3)	245 (3.8)	221 (4.1)	218 (4.9)	239 (3.3)	221 (0.9)	245 (0.9)	229 (3.0)	230 (0.7)	239 (4.1)	‡ (†)
More than 10 days .....	212 (0.7)	212 (0.9)	212 (1.0)	221 (1.1)	201 (1.2)	207 (1.2)	231 (5.3)	211 (5.0)	215 (4.0)	221 (3.1)	206 (0.7)	226 (1.2)	‡ (†)	211 (0.7)	‡ (†)	‡ (†)
<b>8th-graders (2017)</b> .....	<b>283 (0.3)</b>	<b>283 (0.3)</b>	<b>282 (0.3)</b>	<b>293 (0.3)</b>	<b>260 (0.5)</b>	<b>269 (0.5)</b>	<b>312 (1.5)</b>	<b>274 (2.2)</b>	<b>267 (1.4)</b>	<b>287 (1.1)</b>	<b>267 (0.3)</b>	<b>297 (0.3)</b>	<b>293 (2.4)</b>	<b>282 (0.3)</b>	<b>294 (1.4)</b>	‡ (†)
0 days .....	289 (0.4)	290 (0.5)	289 (0.6)	298 (0.5)	267 (0.8)	275 (0.8)	317 (1.7)	281 (4.9)	274 (2.9)	297 (1.8)	273 (0.5)	302 (0.5)	302 (2.9)	289 (0.4)	297 (1.7)	‡ (†)
1–2 days .....	284 (0.4)	284 (0.4)	284 (0.5)	294 (0.4)	262 (0.6)	271 (0.8)	309 (2.4)	278 (3.9)	273 (2.3)	286 (1.5)	269 (0.4)	297 (0.5)	295 (3.0)	283 (0.4)	294 (1.7)	‡ (†)
3–4 days .....	274 (0.5)	274 (0.8)	273 (0.7)	286 (0.5)	253 (1.0)	261 (1.0)	301 (2.5)	260 (5.9)	266 (3.9)	277 (3.0)	260 (0.7)	288 (0.7)	287 (5.3)	273 (0.6)	287 (3.1)	‡ (†)
5–10 days .....	268 (0.8)	268 (1.2)	267 (1.1)	279 (1.1)	249 (1.7)	256 (1.7)	283 (6.8)	272 (7.4)	262 (4.8)	268 (3.7)	255 (0.9)	282 (1.2)	275 (5.7)	266 (0.8)	292 (4.3)	‡ (†)
More than 10 days .....	250 (1.2)	249 (1.6)	251 (1.5)	260 (2.0)	235 (2.6)	244 (2.2)	278 (7.6)	‡ (†)	‡ (†)	241 (5.9)	260 (6.3)	243 (1.5)	267 (2.7)	‡ (†)	‡ (†)	‡ (†)
<b>12th-graders (2015)</b> .....	<b>152 (0.5)</b>	<b>153 (0.7)</b>	<b>150 (0.6)</b>	<b>160 (0.6)</b>	<b>130 (1.0)</b>	<b>139 (0.8)</b>	<b>171 (1.9)</b>	‡ (†)	<b>138 (2.8)</b>	<b>157 (2.2)</b>	<b>138 (0.7)</b>	<b>160 (0.7)</b>	<b>156 (8.4)</b>	<b>150 (0.6)</b>	<b>173 (2.4)</b>	‡ (†)
0 days .....	156 (0.8)	157 (1.0)	155 (1.0)	164 (0.9)	135 (1.3)	144 (1.3)	176 (2.1)	‡ (†)	‡ (†)	163 (4.8)	142 (1.0)	164 (1.1)	‡ (†)	155 (0.9)	175 (2.8)	‡ (†)
1–2 days .....	152 (0.6)	154 (0.8)	151 (0.9)	162 (0.9)	129 (1.3)	138 (1.2)	167 (3.1)	‡ (†)	‡ (†)	158 (4.0)	137 (0.9)	161 (1.0)	‡ (†)	151 (0.7)	174 (2.5)	‡ (†)
3–4 days .....	145 (0.9)	146 (1.3)	144 (1.2)	154 (1.1)	127 (2.0)	133 (1.6)	164 (4.9)	‡ (†)	‡ (†)	‡ (†)	133 (1.2)	154 (1.2)	‡ (†)	143 (0.9)	171 (3.9)	‡ (†)
5–10 days .....	141 (1.4)	144 (1.9)	138 (2.1)	151 (1.7)	125 (4.6)	128 (2.2)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	131 (2.1)	151 (2.1)	‡ (†)	140 (1.4)	‡ (†)	‡ (†)
More than 10 days .....	130 (2.8)	129 (3.9)	131 (3.8)	135 (4.7)	‡ (†)	133 (4.0)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	123 (3.3)	140 (3.5)	‡ (†)	131 (2.4)	‡ (†)	‡ (†)
Average reading scale score <sup>2</sup>																
<b>4th-graders (2017)</b> .....	<b>222 (0.3)</b>	<b>219 (0.3)</b>	<b>225 (0.3)</b>	<b>232 (0.3)</b>	<b>206 (0.5)</b>	<b>209 (0.5)</b>	<b>241 (1.0)</b>	<b>212 (2.7)</b>	<b>202 (1.8)</b>	<b>227 (0.9)</b>	<b>208 (0.3)</b>	<b>236 (0.3)</b>	<b>223 (2.5)</b>	<b>221 (0.2)</b>	<b>235 (1.2)</b>	‡ (†)
0 days .....	228 (0.3)	226 (0.4)	231 (0.4)	236 (0.4)	214 (0.7)	216 (0.6)	247 (1.0)	218 (4.5)	213 (3.2)	234 (1.4)	214 (0.4)	240 (0.4)	231 (2.7)	227 (0.3)	239 (1.5)	‡ (†)
1–2 days .....	225 (0.4)	222 (0.5)	228 (0.5)	234 (0.4)	209 (0.9)	213 (0.8)	240 (2.0)	221 (5.0)	208 (3.4)	229 (1.5)	213 (0.5)	237 (0.5)	227 (3.1)	224 (0.4)	236 (1.7)	‡ (†)
3–4 days .....	219 (0.5)	215 (0.8)	222 (0.7)	229 (0.6)	206 (1.1)	207 (1.0)	233 (2.4)	208 (5.7)	203 (3.5)	224 (1.6)	208 (0.6)	232 (0.7)	221 (5.0)	218 (0.5)	231 (2.9)	‡ (†)
5–10 days .....	210 (0.9)	206 (1.2)	215 (1.1)	225 (1.2)	194 (1.4)	196 (1.7)	220 (5.9)	200 (5.5)	191 (6.3)	216 (3.5)	198 (1.0)	228 (1.2)	218 (5.6)	209 (0.9)	229 (3.7)	‡ (†)
More than 10 days .....	183 (1.0)	180 (1.2)	188 (1.5)	195 (1.8)	177 (2.0)	174 (1.5)	198 (6.2)	185 (5.0)	181 (7.2)	198 (5.1)	176 (1.0)	201 (1.9)	‡ (†)	182 (0.9)	‡ (†)	‡ (†)
<b>8th-graders (2017)</b> .....	<b>267 (0.3)</b>	<b>262 (0.3)</b>	<b>272 (0.4)</b>	<b>275 (0.3)</b>	<b>249 (0.5)</b>	<b>255 (0.5)</b>	<b>284 (1.0)</b>	<b>255 (2.5)</b>	<b>253 (1.3)</b>	<b>272 (1.1)</b>	<b>253 (0.3)</b>	<b>277 (0.3)</b>	<b>267 (3.1)</b>	<b>265 (0.3)</b>	<b>283 (1.2)</b>	‡ (†)
0 days .....	271 (0.4)	266 (0.5)	276 (0.5)	278 (0.5)	255 (0.6)	259 (0.7)	287 (1.0)	258 (4.4)	260 (2.9)	278 (1.5)	257 (0.4)	280 (0.5)	271 (4.8)	270 (0.4)	285 (1.6)	‡ (†)
1–2 days .....	268 (0.3)	263 (0.4)	272 (0.4)	276 (0.4)	250 (0.7)	257 (0.6)	282 (1.8)	256 (4.7)	257 (2.2)	274 (1.5)	255 (0.5)	278 (0.4)	271 (3.9)	267 (0.4)	284 (1.4)	‡ (†)
3–4 days .....	260 (0.5)	255 (0.7)	265 (0.7)	270 (0.6)	245 (1.0)	250 (1.0)	273 (3.1)	248 (5.5)	246 (2.8)	265 (2.0)	249 (0.6)	272 (0.8)	266 (4.1)	259 (0.6)	280 (2.8)	‡ (†)
5–10 days .....	256 (0.8)	250 (0.9)	262 (1.1)	264 (0.9)	240 (2.0)	248 (1.8)	272 (8.0)	258 (6.9)	245 (4.4)	252 (3.1)	246 (1.0)	267 (1.1)	251 (6.6)	254 (0.7)	277 (4.0)	‡ (†)
More than 10 days .....	236 (1.6)	231 (2.0)	243 (2.6)	244 (2.2)	224 (2.9)	232 (2.9)	255 (8.9)	‡ (†)	‡ (†)	‡ (†)	230 (1.7)	250 (2.6)	‡ (†)	236 (1.6)	‡ (†)	‡ (†)
<b>12th-graders (2015)</b> .....	<b>287 (0.5)</b>	<b>282 (0.6)</b>	<b>292 (0.7)</b>	<b>295 (0.7)</b>	<b>266 (1.1)</b>	<b>276 (0.9)</b>	<b>297 (2.1)</b>	‡ (†)	<b>279 (6.2)</b>	<b>295 (2.9)</b>	<b>273 (0.7)</b>	<b>295 (0.7)</b>	<b>293 (8.0)</b>	<b>285 (0.6)</b>	<b>311 (2.4)</b>	‡ (†)
0 days .....	291 (0.7)	286 (0.9)	297 (1.0)	299 (0.9)	269 (1.7)	280 (1.1)	298 (2.4)	‡ (†)	‡ (†)	297 (4.6)	276 (1.1)	298 (1.0)	‡ (†)	289 (0.8)	312 (2.5)	‡ (†)
1–2 days .....	289 (0.7)	284 (0.9)	293 (1.0)	297 (0.9)	267 (1.4)	278 (1.2)	301 (2.8)	‡ (†)	276 (7.2)	295 (5.0)	275 (0.9)	296 (0.9)	290 (8.0)	287 (0.8)	313 (3.6)	‡ (†)
3–4 days .....	283 (0.9)	276 (1.4)	288 (1.3)	291 (1.2)	263 (2.1)	272 (1.6)	293 (5.8)	‡ (†)	‡ (†)	‡ (†)	269 (1.2)	291 (1.1)	‡ (†)	281 (0.9)	307 (3.0)	‡ (†)
5–10 days .....	278 (1.6)	271 (2.5)	283 (1.8)	287 (2.1)	261 (3.3)	266 (3.2)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	268 (2.2)	285 (2.3)	‡ (†)	276 (1.7)	‡ (†)	‡ (†)
More than 10 days .....	259 (3.4)	256 (5.3)	263 (3.7)	260 (5.2)	253 (5.6)	255 (4.1)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	253 (3.7)	268 (5.4)	‡ (†)	259 (3.2)	‡ (†)	‡ (†)

See notes at end of table.

**Table 227.50. Average National Assessment of Educational Progress (NAEP) reading and mathematics scale scores of 4th-, 8th-, and 12th-graders and percentage absent from school, by selected characteristics and number of days absent in the last month: 2015 and 2017—Continued**  
[Standard errors appear in parentheses]

Grade level and days absent from school in the last month	All students	Sex		Race/ethnicity						Eligibility for free or reduced-price lunch (public school students only)			Control of school			
		Male	Female	White	Black	Hispanic	Asian	Pacific Islander	American Indian/Alaska Native	Two or more races	Eligible	Not eligible	Unknown	Public	Catholic	Other private
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
	Percent of students absent <sup>3</sup>															
<b>4th-graders (2017)</b> .....	<b>100 (†)</b>	<b>100 (†)</b>	<b>100 (†)</b>	<b>100 (†)</b>	<b>100 (†)</b>	<b>100 (†)</b>	<b>100 (†)</b>	<b>100 (†)</b>	<b>100 (†)</b>	<b>100 (†)</b>	<b>100 (†)</b>	<b>100 (†)</b>	<b>100 (†)</b>	<b>100 (†)</b>	<b>100 (†)</b>	<b>100 (†)</b>
0 days .....	45 (0.2)	46 (0.3)	43 (0.3)	45 (0.3)	42 (0.6)	41 (0.5)	59 (1.0)	39 (4.2)	40 (2.0)	44 (1.1)	40 (0.3)	49 (0.4)	44 (2.0)	44 (0.2)	50 (1.5)	† (†)
1–2 days .....	32 (0.2)	31 (0.3)	34 (0.3)	34 (0.3)	31 (0.5)	32 (0.5)	25 (1.0)	31 (3.9)	30 (2.0)	31 (1.1)	32 (0.3)	33 (0.3)	32 (2.1)	33 (0.2)	31 (1.4)	† (†)
3–4 days .....	13 (0.1)	13 (0.2)	14 (0.2)	13 (0.2)	14 (0.4)	14 (0.4)	9 (0.5)	14 (2.4)	16 (1.1)	15 (0.7)	15 (0.2)	12 (0.2)	14 (2.2)	13 (0.2)	11 (0.9)	† (†)
5–10 days .....	6 (0.1)	6 (0.1)	6 (0.1)	5 (0.1)	6 (0.2)	6 (0.2)	4 (0.4)	8 (1.4)	8 (1.1)	7 (0.6)	7 (0.2)	5 (0.1)	4 (0.8)	6 (0.1)	5 (0.6)	† (†)
More than 10 days .....	4 (0.1)	4 (0.1)	4 (0.1)	3 (0.1)	6 (0.2)	6 (0.2)	2 (0.3)	7 (1.5)	7 (1.0)	4 (0.4)	6 (0.2)	2 (0.1)	5 (1.3)	4 (0.1)	2 (0.5)	† (†)
<b>8th-graders (2017)</b> .....	<b>100 (†)</b>	<b>100 (†)</b>	<b>100 (†)</b>	<b>100 (†)</b>	<b>100 (†)</b>	<b>100 (†)</b>	<b>100 (†)</b>	<b>100 (†)</b>	<b>100 (†)</b>	<b>100 (†)</b>	<b>100 (†)</b>	<b>100 (†)</b>	<b>100 (†)</b>	<b>100 (†)</b>	<b>100 (†)</b>	<b>100 (†)</b>
0 days .....	41 (0.3)	43 (0.3)	40 (0.4)	40 (0.3)	42 (0.6)	40 (0.6)	62 (1.2)	38 (3.4)	35 (2.0)	40 (1.3)	38 (0.4)	44 (0.3)	43 (2.7)	41 (0.3)	45 (1.5)	† (†)
1–2 days .....	38 (0.2)	37 (0.3)	39 (0.3)	41 (0.3)	35 (0.6)	38 (0.6)	28 (1.1)	30 (3.2)	34 (1.7)	37 (1.2)	38 (0.4)	39 (0.3)	35 (2.1)	38 (0.2)	38 (1.4)	† (†)
3–4 days .....	14 (0.1)	13 (0.2)	15 (0.2)	14 (0.2)	15 (0.4)	15 (0.3)	7 (0.5)	18 (3.5)	20 (1.5)	15 (0.9)	16 (0.2)	12 (0.2)	15 (1.4)	14 (0.2)	12 (0.9)	† (†)
5–10 days .....	5 (0.1)	5 (0.1)	5 (0.2)	5 (0.1)	5 (0.3)	5 (0.2)	2 (0.3)	11 (2.1)	8 (1.1)	7 (0.6)	6 (0.2)	4 (0.2)	5 (0.9)	5 (0.1)	4 (0.5)	† (†)
More than 10 days .....	1 (0.1)	2 (0.1)	1 (0.1)	1 (0.1)	2 (0.2)	2 (0.1)	1 (0.2)	2 (0.5)	3 (0.7)	1 (0.3)	2 (0.1)	1 (0.1)	2 (0.6)	2 (0.1)	# (†)	† (†)
<b>12th-graders (2015)</b> .....	<b>100 (†)</b>	<b>100 (†)</b>	<b>100 (†)</b>	<b>100 (†)</b>	<b>100 (†)</b>	<b>100 (†)</b>	<b>100 (†)</b>	<b>100 (†)</b>	<b>100 (†)</b>	<b>100 (†)</b>	<b>100 (†)</b>	<b>100 (†)</b>	<b>100 (†)</b>	<b>100 (†)</b>	<b>100 (†)</b>	<b>100 (†)</b>
0 days .....	36 (0.6)	40 (0.7)	32 (0.6)	35 (0.7)	38 (1.0)	34 (1.0)	49 (1.5)	† (†)	30 (3.1)	34 (2.5)	33 (0.8)	37 (0.7)	35 (5.2)	36 (0.6)	38 (1.9)	† (†)
1–2 days .....	41 (0.5)	40 (0.6)	43 (0.6)	43 (0.6)	37 (0.8)	40 (0.8)	37 (1.5)	† (†)	42 (4.9)	41 (3.2)	40 (0.7)	43 (0.7)	39 (4.8)	41 (0.5)	43 (1.7)	† (†)
3–4 days .....	15 (0.3)	14 (0.4)	17 (0.5)	15 (0.4)	17 (0.8)	17 (0.6)	10 (0.9)	† (†)	19 (3.1)	15 (2.1)	18 (0.6)	14 (0.5)	15 (2.3)	16 (0.4)	14 (1.1)	† (†)
5–10 days .....	6 (0.2)	5 (0.3)	6 (0.3)	5 (0.3)	7 (0.5)	6 (0.4)	3 (0.4)	† (†)	6 (1.5)	7 (1.3)	7 (0.4)	5 (0.3)	8 (2.1)	6 (0.2)	5 (0.6)	† (†)
More than 10 days .....	2 (0.1)	2 (0.2)	2 (0.2)	2 (0.2)	2 (0.3)	2 (0.3)	1 (0.4)	† (†)	3 (1.6)	3 (0.9)	2 (0.2)	1 (0.2)	3 (1.3)	2 (0.2)	1 (0.2)	† (†)

†Not applicable.

#Rounds to zero.

‡Reporting standards not met (too few cases for a reliable estimate).

<sup>1</sup>For grades 4 and 8, the mathematics scale ranges from 0 to 500. For grade 12, the mathematics scale ranges from 0 to 300.

<sup>2</sup>Reading scale ranges from 0 to 500.

<sup>3</sup>Absenteeism percentages based on the 2017 Reading Assessment for 4th- and 8th-graders and the 2015 Reading Assessment for 12th-graders (not assessed in 2017).

NOTE: Includes public and private schools except where otherwise noted. Includes students tested with accommodations (9 to 12 percent of all students, depending on assessment and grade level); excludes only those students with disabilities and English language learners who were unable to be tested even with accommodations (2 percent of all students). Race categories exclude persons of Hispanic ethnicity. Detail may not sum to totals because of rounding.  
SOURCE: U.S. Department of Education, National Center for Education Statistics, National Assessment of Educational Progress (NAEP), 2015 and 2017 Mathematics and Reading Assessments, retrieved April 3, 2018, from the Main NAEP Data Explorer (<http://nces.ed.gov/nationsreportcard/naepdata/>). (This table was prepared April 2018.)

**Table 228.10. School-associated violent deaths of all persons, homicides and suicides of youth ages 5–18 at school, and total homicides and suicides of youth ages 5–18, by type of violent death: 1992–93 through 2014–15**

Year	School-associated violent deaths <sup>1</sup> of all persons (includes students, staff, and other nonstudents)						Homicides of youth ages 5–18		Suicides of youth ages 5–18	
	Total	Homicides	Suicides	Legal interventions	Unintentional firearm-related deaths	Undetermined violent deaths <sup>2</sup>	Homicides at school <sup>3</sup>	Total homicides	Suicides at school <sup>3</sup>	Total suicides <sup>4</sup>
1	2	3	4	5	6	7	8	9	10	11
1992–93 .....	57	47	10	0	0	0	34	2,721	6	1,680
1993–94 .....	48	38	10	0	0	0	29	2,932	7	1,723
1994–95 .....	48	39	8	0	1	0	28	2,696	7	1,767
1995–96 .....	53	46	6	1	0	0	32	2,545	6	1,725
1996–97 .....	48	45	2	1	0	0	28	2,221	1	1,633
1997–98 .....	57	47	9	1	0	0	34	2,100	6	1,626
1998–99 .....	47	38	6	2	1	0	33	1,777	4	1,597
1999–2000 .....	37 <sup>5</sup>	26 <sup>5</sup>	11 <sup>5</sup>	0 <sup>5</sup>	0 <sup>5</sup>	0 <sup>5</sup>	14 <sup>5</sup>	1,567	8 <sup>5</sup>	1,415
2000–01 .....	34 <sup>5</sup>	26 <sup>5</sup>	7 <sup>5</sup>	1 <sup>5</sup>	0 <sup>5</sup>	0 <sup>5</sup>	14 <sup>5</sup>	1,509	6 <sup>5</sup>	1,493
2001–02 .....	36 <sup>5</sup>	27 <sup>5</sup>	8 <sup>5</sup>	1 <sup>5</sup>	0 <sup>5</sup>	0 <sup>5</sup>	16 <sup>5</sup>	1,498	5 <sup>5</sup>	1,400
2002–03 .....	36 <sup>5</sup>	25 <sup>5</sup>	11 <sup>5</sup>	0 <sup>5</sup>	0 <sup>5</sup>	0 <sup>5</sup>	18 <sup>5</sup>	1,553	10 <sup>5</sup>	1,331
2003–04 .....	45 <sup>5</sup>	37 <sup>5</sup>	7 <sup>5</sup>	1 <sup>5</sup>	0 <sup>5</sup>	0 <sup>5</sup>	23 <sup>5</sup>	1,474	5 <sup>5</sup>	1,285
2004–05 .....	52 <sup>5</sup>	40 <sup>5</sup>	10 <sup>5</sup>	2 <sup>5</sup>	0 <sup>5</sup>	0 <sup>5</sup>	22 <sup>5</sup>	1,554	8 <sup>5</sup>	1,471
2005–06 .....	44 <sup>5</sup>	37 <sup>5</sup>	6 <sup>5</sup>	1 <sup>5</sup>	0 <sup>5</sup>	0 <sup>5</sup>	21 <sup>5</sup>	1,697	3 <sup>5</sup>	1,408
2006–07 .....	63 <sup>5</sup>	48 <sup>5</sup>	13 <sup>5</sup>	2 <sup>5</sup>	0 <sup>5</sup>	0 <sup>5</sup>	32 <sup>5</sup>	1,801	9 <sup>5</sup>	1,296
2007–08 .....	48 <sup>5</sup>	39 <sup>5</sup>	7 <sup>5</sup>	2 <sup>5</sup>	0 <sup>5</sup>	0 <sup>5</sup>	21 <sup>5</sup>	1,744	5 <sup>5</sup>	1,231
2008–09 .....	44 <sup>5</sup>	29 <sup>5</sup>	15 <sup>5</sup>	0 <sup>5</sup>	0 <sup>5</sup>	0 <sup>5</sup>	18 <sup>5</sup>	1,605	7 <sup>5</sup>	1,344
2009–10 .....	35 <sup>5</sup>	27 <sup>5</sup>	5 <sup>5</sup>	3 <sup>5</sup>	0 <sup>5</sup>	0 <sup>5</sup>	19 <sup>5</sup>	1,410	2 <sup>5</sup>	1,467
2010–11 .....	32 <sup>5</sup>	26 <sup>5</sup>	6 <sup>5</sup>	0 <sup>5</sup>	0 <sup>5</sup>	0 <sup>5</sup>	11 <sup>5</sup>	1,339	3 <sup>5</sup>	1,456
2011–12 .....	45 <sup>5</sup>	26 <sup>5</sup>	14 <sup>5</sup>	5 <sup>5</sup>	0 <sup>5</sup>	0 <sup>5</sup>	15 <sup>5</sup>	1,201	5 <sup>5</sup>	1,568
2012–13 .....	53 <sup>5</sup>	41 <sup>5</sup>	11 <sup>5</sup>	1 <sup>5</sup>	0 <sup>5</sup>	0 <sup>5</sup>	31 <sup>5</sup>	1,186	6 <sup>5</sup>	1,590
2013–14 .....	48 <sup>5</sup>	26 <sup>5</sup>	20 <sup>5</sup>	1 <sup>5</sup>	0 <sup>5</sup>	1 <sup>5</sup>	12 <sup>5</sup>	1,050	8 <sup>5</sup>	1,645
2014–15 .....	47 <sup>5</sup>	28 <sup>5</sup>	17 <sup>5</sup>	2 <sup>5</sup>	0 <sup>5</sup>	0 <sup>5</sup>	20 <sup>5</sup>	1,168	9 <sup>5</sup>	1,785

<sup>1</sup>A school-associated violent death is defined as “a homicide, suicide, or legal intervention (involving a law enforcement officer), in which the fatal injury occurred on the campus of a functioning elementary or secondary school in the United States,” while the victim was on the way to or from regular sessions at school, or while the victim was attending or traveling to or from an official school-sponsored event.

<sup>2</sup>Violent deaths for which the manner was undetermined; that is, the information pointing to one manner of death was no more compelling than the information pointing to one or more other competing manners of death when all available information was considered.

<sup>3</sup>“At school” includes on the property of a functioning primary or secondary school, on the way to or from regular sessions at school, and while attending or traveling to or from a school-sponsored event.

<sup>4</sup>Total youth suicides are reported for calendar years 1992 through 2014 (instead of school years 1992–93 through 2014–15).

<sup>5</sup>Data from 1999–2000 onward are subject to change until law enforcement reports have been obtained and interviews with school and law enforcement officials have

been completed. The details learned during the interviews can occasionally change the classification of a case.

NOTE: Unless otherwise noted, data are reported for the school year, defined as July 1 through June 30.

SOURCE: Centers for Disease Control and Prevention (CDC), 1992–2015 School-Associated Violent Death Surveillance System (SAVD-SS) (partially funded by the U.S. Department of Education, Office of Safe and Healthy Students), previously unpublished tabulation (June 2017); CDC, National Center for Injury Prevention and Control, Web-based Injury Statistics Query and Reporting System Fatal (WISQARS™ Fatal), 1992–2014, retrieved June 2017 from <http://www.cdc.gov/injury/wisqars/index.html>; and Federal Bureau of Investigation and Bureau of Justice Statistics, Supplementary Homicide Reports (SHR), preliminary data (September 2017). (This table was prepared September 2017.)

**Table 228.20. Number of nonfatal victimizations against students ages 12–18 and rate of victimization per 1,000 students, by type of victimization and location: 1992 through 2016**

[Standard errors appear in parentheses]

Location and year	Number of nonfatal victimizations					Rate of victimization per 1,000 students						
	Total	Theft	Violent		Total	Theft	Violent		Total	Theft		
			All violent	Serious violent <sup>1</sup>			All violent	Serious violent <sup>1</sup>				
1	2	3	4	5	6	7	8	9	10	11		
<b>At school<sup>2</sup></b>												
1992	4,281,200 (225,600)	2,679,400 (147,660)	1,601,800 (121,630)	197,600 (35,430)	181.5 (7.99)	113.6 (5.64)	67.9 (4.77)	8.4 (1.48)	181.5 (7.99)	113.6 (5.64)	67.9 (4.77)	8.4 (1.48)
1993	4,692,800 (321,220)	2,477,100 (121,200)	2,215,700 (194,520)	535,500 (76,050)	193.5 (11.02)	102.1 (4.61)	91.4 (7.23)	22.1 (3.02)	193.5 (11.02)	102.1 (4.61)	91.4 (7.23)	22.1 (3.02)
1994	4,721,000 (271,730)	2,474,100 (121,260)	2,246,900 (165,530)	459,100 (58,110)	187.7 (9.04)	98.4 (4.46)	89.3 (5.95)	18.3 (2.24)	187.7 (9.04)	98.4 (4.46)	89.3 (5.95)	18.3 (2.24)
1995	4,400,700 (267,610)	2,468,400 (120,690)	1,932,200 (152,670)	294,500 (42,890)	172.2 (8.82)	96.6 (4.37)	75.6 (5.44)	11.5 (1.64)	172.2 (8.82)	96.6 (4.37)	75.6 (5.44)	11.5 (1.64)
1996	4,130,400 (281,640)	2,205,200 (107,650)	1,925,300 (166,690)	371,900 (54,150)	158.4 (9.17)	84.5 (3.88)	73.8 (5.81)	14.3 (2.01)	158.4 (9.17)	84.5 (3.88)	73.8 (5.81)	14.3 (2.01)
1997	3,610,900 (282,430)	1,975,000 (111,830)	1,635,900 (164,530)	376,200 (60,990)	136.6 (9.25)	74.7 (3.95)	61.9 (5.74)	14.2 (2.24)	136.6 (9.25)	74.7 (3.95)	61.9 (5.74)	14.2 (2.24)
1998	3,247,300 (254,250)	1,635,100 (104,210)	1,612,200 (155,840)	314,500 (49,770)	121.3 (8.27)	61.1 (3.59)	60.2 (5.34)	11.7 (1.80)	121.3 (8.27)	61.1 (3.59)	60.2 (5.34)	11.7 (1.80)
1999	3,152,400 (258,560)	1,752,200 (104,970)	1,400,200 (148,230)	281,100 (50,060)	117.0 (8.43)	65.1 (3.69)	52.0 (5.11)	10.4 (1.81)	117.0 (8.43)	65.1 (3.69)	52.0 (5.11)	10.4 (1.81)
2000	2,301,000 (211,140)	1,331,500 (95,940)	969,500 (115,680)	214,200 (40,980)	84.9 (7.00)	49.1 (3.34)	35.8 (4.02)	7.9 (1.48)	84.9 (7.00)	49.1 (3.34)	35.8 (4.02)	7.9 (1.48)
2001	2,521,300 (202,890)	1,348,500 (93,240)	1,172,700 (120,560)	259,400 (44,110)	92.3 (6.67)	49.4 (3.23)	42.9 (4.14)	9.5 (1.58)	92.3 (6.67)	49.4 (3.23)	42.9 (4.14)	9.5 (1.58)
2002	2,082,600 (212,520)	1,088,800 (77,110)	993,800 (126,210)	173,500 (37,300)	75.4 (6.96)	39.4 (2.69)	36.0 (4.29)	6.3 (1.32)	75.4 (6.96)	39.4 (2.69)	36.0 (4.29)	6.3 (1.32)
2003	2,308,800 (210,930)	1,270,500 (88,550)	1,038,300 (121,490)	188,400 (38,240)	87.4 (7.16)	48.1 (3.18)	39.3 (4.32)	7.1 (1.42)	87.4 (7.16)	48.1 (3.18)	39.3 (4.32)	7.1 (1.42)
2004	1,762,200 (154,390)	1,065,400 (75,160)	696,800 (83,090)	107,300 (25,110)	67.2 (5.40)	40.6 (2.76)	26.6 (3.03)	4.1 (0.95)	67.2 (5.40)	40.6 (2.76)	26.6 (3.03)	4.1 (0.95)
2005	1,678,600 (169,040)	875,900 (70,140)	802,600 (102,360)	140,300 (32,400)	63.2 (5.85)	33.0 (2.56)	30.2 (3.66)	5.3 (1.20)	63.2 (5.85)	33.0 (2.56)	30.2 (3.66)	5.3 (1.20)
2006 <sup>3</sup>	1,799,900 (170,490)	859,000 (68,730)	940,900 (109,880)	249,900 (45,670)	67.5 (5.86)	32.2 (2.52)	35.3 (3.90)	9.4 (1.68)	67.5 (5.86)	32.2 (2.52)	35.3 (3.90)	9.4 (1.68)
2007	1,801,200 (188,450)	896,700 (66,230)	904,400 (114,320)	116,100 (25,430)	67.8 (6.40)	33.7 (2.41)	34.0 (4.02)	4.4 (0.94)	67.8 (6.40)	33.7 (2.41)	34.0 (4.02)	4.4 (0.94)
2008	1,435,500 (161,330)	648,000 (61,170)	787,500 (108,480)	128,700 (34,370)	54.3 (5.67)	24.5 (2.26)	29.8 (3.91)	4.9 (1.28)	54.3 (5.67)	24.5 (2.26)	29.8 (3.91)	4.9 (1.28)
2009	1,322,800 (168,370)	594,500 (54,480)	728,300 (111,550)	233,700 (51,610)	51.0 (6.00)	22.9 (2.05)	28.1 (4.08)	9.0 (1.94)	51.0 (6.00)	22.9 (2.05)	28.1 (4.08)	9.0 (1.94)
2010	892,000 (124,260)	469,800 (45,300)	422,300 (73,310)	155,000 (36,500)	34.9 (4.55)	18.4 (1.75)	16.5 (2.07)	6.1 (1.40)	34.9 (4.55)	18.4 (1.75)	16.5 (2.07)	6.1 (1.40)
2011	1,246,200 (139,940)	647,700 (61,500)	598,600 (84,090)	89,500 (23,360)	49.3 (5.11)	25.6 (2.36)	23.7 (3.16)	3.5 (0.91)	49.3 (5.11)	25.6 (2.36)	23.7 (3.16)	3.5 (0.91)
2012	1,364,900 (133,810)	615,600 (51,440)	749,200 (90,250)	89,000 (23,850)	52.4 (4.78)	23.6 (1.93)	28.8 (3.31)	3.4 (0.91)	52.4 (4.78)	23.6 (1.93)	28.8 (3.31)	3.4 (0.91)
2013	1,420,900 (176,390)	454,900 (43,390)	966,000 (134,140)	125,500 (32,110)	55.0 (6.24)	17.6 (1.65)	37.4 (4.84)	4.9 (1.22)	55.0 (6.24)	17.6 (1.65)	37.4 (4.84)	4.9 (1.22)
2014	850,100 (109,100)	363,700 (39,120)	486,400 (74,790)	93,800 (25,550)	33.0 (4.00)	14.1 (1.50)	18.9 (2.79)	3.6 (0.98)	33.0 (4.00)	14.1 (1.50)	18.9 (2.79)	3.6 (0.98)
2015	841,100 (112,860)	309,100 (36,480)	531,900 (82,870)	99,000 (27,740)	32.9 (4.17)	12.1 (1.41)	20.8 (3.11)	3.9 (1.07)	32.9 (4.17)	12.1 (1.41)	20.8 (3.11)	3.9 (1.07)
2016 <sup>4</sup>	749,400 (83,700)	294,000 (33,420)	455,400 (59,730)	71,700 (17,910)	29.3 (3.10)	11.5 (1.29)	17.8 (2.25)	2.8 (0.69)	29.3 (3.10)	11.5 (1.29)	17.8 (2.25)	2.8 (0.69)
<b>Away from school</b>												
1992	4,084,100 (218,910)	1,857,600 (118,610)	2,226,500 (149,210)	1,025,100 (92,600)	173.1 (7.81)	78.7 (4.66)	94.4 (5.70)	43.5 (3.72)	173.1 (7.81)	78.7 (4.66)	94.4 (5.70)	43.5 (3.72)
1993	3,835,900 (280,790)	1,731,100 (96,700)	2,104,800 (187,960)	1,004,300 (114,870)	158.2 (9.90)	71.4 (3.75)	86.8 (7.01)	41.4 (4.47)	158.2 (9.90)	71.4 (3.75)	86.8 (7.01)	41.4 (4.47)
1994	4,147,100 (249,260)	1,713,900 (96,250)	2,433,200 (174,580)	1,074,900 (101,370)	164.9 (8.44)	68.1 (3.61)	96.7 (6.24)	42.7 (3.80)	164.9 (8.44)	68.1 (3.61)	96.7 (6.24)	42.7 (3.80)
1995	3,626,600 (234,640)	1,604,800 (92,000)	2,021,800 (157,470)	829,700 (85,830)	141.9 (7.91)	62.8 (3.41)	79.1 (5.59)	32.5 (3.19)	141.9 (7.91)	62.8 (3.41)	79.1 (5.59)	32.5 (3.19)
1996	3,483,200 (250,620)	1,572,700 (87,830)	1,910,600 (165,810)	870,000 (96,510)	133.5 (8.32)	60.3 (3.22)	73.3 (5.79)	33.4 (3.50)	133.5 (8.32)	60.3 (3.22)	73.3 (5.79)	33.4 (3.50)
1997	3,717,600 (288,080)	1,710,700 (101,810)	2,006,900 (189,180)	853,300 (105,660)	140.7 (9.41)	64.7 (3.62)	75.9 (6.51)	32.3 (3.79)	140.7 (9.41)	64.7 (3.62)	75.9 (6.51)	32.3 (3.79)
1998	3,047,800 (243,270)	1,408,000 (94,900)	1,639,800 (157,700)	684,900 (85,520)	113.8 (7.96)	52.6 (3.38)	61.3 (5.40)	25.6 (3.04)	113.8 (7.96)	52.6 (3.38)	61.3 (5.40)	25.6 (3.04)
1999	2,713,800 (233,350)	1,129,200 (79,770)	1,584,500 (161,350)	675,400 (90,150)	100.8 (7.71)	41.9 (2.85)	58.8 (5.53)	25.1 (3.20)	100.8 (7.71)	41.9 (2.85)	58.8 (5.53)	25.1 (3.20)
2000	2,303,600 (211,310)	1,228,900 (90,770)	1,074,800 (124,280)	402,100 (62,950)	85.0 (7.01)	45.3 (3.17)	39.6 (4.30)	14.8 (2.24)	85.0 (7.01)	45.3 (3.17)	39.6 (4.30)	14.8 (2.24)
2001	1,780,300 (160,090)	961,400 (74,230)	819,000 (94,590)	314,800 (50,070)	65.2 (5.39)	35.2 (2.60)	30.0 (3.30)	11.5 (1.79)	65.2 (5.39)	35.2 (2.60)	30.0 (3.30)	11.5 (1.79)
2002	1,619,500 (178,050)	820,100 (64,530)	799,400 (108,260)	341,200 (59,590)	58.6 (5.92)	29.7 (2.27)	28.9 (3.71)	12.4 (2.09)	58.6 (5.92)	29.7 (2.27)	28.9 (3.71)	12.4 (2.09)
2003	1,824,100 (179,240)	780,900 (64,210)	1,043,200 (121,880)	412,800 (64,660)	69.1 (6.19)	29.6 (2.34)	39.5 (4.33)	15.6 (2.37)	69.1 (6.19)	29.6 (2.34)	39.5 (4.33)	15.6 (2.37)
2004	1,371,800 (130,480)	718,000 (59,070)	653,700 (79,660)	272,500 (45,080)	52.3 (4.63)	27.4 (2.19)	24.9 (2.91)	10.4 (1.68)	52.3 (4.63)	27.4 (2.19)	24.9 (2.91)	10.4 (1.68)
2005	1,429,000 (151,460)	637,700 (57,740)	791,300 (101,380)	257,100 (47,950)	53.8 (5.29)	24.0 (2.12)	29.8 (3.63)	9.7 (1.77)	53.8 (5.29)	24.0 (2.12)	29.8 (3.63)	9.7 (1.77)
2006 <sup>3</sup>	1,413,100 (144,660)	714,200 (61,900)	698,900 (89,980)	263,600 (47,280)	53.0 (5.04)	26.8 (2.27)	26.2 (3.22)	9.9 (1.73)	53.0 (5.04)	26.8 (2.27)	26.2 (3.22)	9.9 (1.73)
2007	1,371,700 (154,740)	614,300 (52,740)	757,400 (100,440)	337,700 (55,630)	51.6 (5.34)	23.1 (1.94)	28.5 (3.55)	12.7 (2.01)	51.6 (5.34)	23.1 (1.94)	28.5 (3.55)	12.7 (2.01)
2008	1,132,600 (137,840)	498,500 (52,350)	634,100 (94,160)	258,600 (52,980)	42.8 (4.90)	18.9 (1.94)	24.0 (3.42)	9.8 (1.96)	42.8 (4.90)	18.9 (1.94)	24.0 (3.42)	9.8 (1.96)
2009	857,200 (124,770)	484,200 (48,320)	372,900 (70,660)	176,800 (42,890)	33.1 (4.54)	18.7 (1.83)	14.4 (1.62)	6.8 (1.62)	33.1 (4.54)	18.7 (1.83)	14.4 (1.62)	6.8 (1.62)
2010	689,900 (103,620)	378,800 (40,200)	311,200 (59,190)	167,300 (38,460)	27.0 (3.83)	14.8 (1.55)	12.2 (2.24)	6.5 (1.47)	27.0 (3.83)	14.8 (1.55)	12.2 (2.24)	6.5 (1.47)
2011	966,100 (117,200)	541,900 (55,160)	424,300 (66,350)	137,600 (31,000)	38.2 (4.33)	21.4 (2.13)	16.8 (2.52)	5.4 (1.20)	38.2 (4.33)	21.4 (2.13)	16.8 (2.52)	5.4 (1.20)
2012	991,200 (108,370)	470,800 (44,070)	520,400 (71,280)	169,900 (35,260)	38.0 (3.93)	18.1 (1.66)	20.0 (2.64)	6.5 (1.33)	38.0 (3.93)	18.1 (1.66)	20.0 (2.64)	6.5 (1.33)
2013	778,500 (115,110)	403,000 (40,470)	375,500 (68,800)	151,200 (36,490)	30.1 (4.19)	15.6 (1.54)	14.5 (2.56)	5.8 (1.38)	30.1 (4.19)	15.6 (1.54)	14.5 (2.56)	5.8 (1.38)
2014	621,300 (88,190)	288,900 (34,370)	332,400 (58,000)	165,000 (36,650)	24.1 (3.27)	11.2 (1.32)	12.9 (2.18)	6.4 (1.40)	24.1 (3.27)	11.2 (1.32)	12.9 (2.18)	6.4 (1.40)
2015	545,100 (84,230)	263,100 (33,310)	281,900 (54,370)	110,900 (29,800)	21.3 (3.16)	10.3 (1.29)	11.0 (2.07)	4.3 (1.15)	21.3 (3.16)	10.3 (1.29)	11.0 (2.07)	4.3 (1.15)
2016 <sup>4</sup>	601,300 (72,070)	251,200 (30,650)	350,100 (50,080)	140,100 (27,440)	23.5 (2.69)	9.8 (1.19)	13.7 (1.90)	5.5 (1.06)	23.5 (2.69)	9.8 (1.19)	13.7 (1.90)	5.5 (1.06)

<sup>1</sup>"Serious violent" victimization is also included in "all violent" victimization.

<sup>2</sup>"At school" includes inside the school building, on school property, on a school bus, and going to or from school.

<sup>3</sup>Every 10 years, the survey sample is redesigned to reflect changes in the population. Due to the sample redesign and other methodological changes implemented in 2006, use caution when comparing 2006 estimates to other years.

<sup>4</sup>Every 10 years, the survey sample is redesigned to reflect changes in the population. The sample redesign impacted the comparability of 2016 estimates to estimates for earlier years. Caution should be used when making comparisons to earlier years. For more information, see *Criminal Victimization, 2016* (available at <https://www.bjs.gov/index.cfm?ty=pbse&sid=6>).

NOTE: "Serious violent" victimization includes the crimes of rape, sexual assault, robbery, and aggravated assault. "All

"victimization" includes serious violent crimes as well as simple assault. "Theft" includes attempted and completed purse-snatching, completed pickpocketing, and all attempted and completed thefts, with the exception of motor vehicle thefts. Theft does not include robbery, which involves the threat or use of force and is classified as a violent crime. "Total victimization" includes theft and violent crimes. Data in this table are from the National Crime Victimization Survey (NCVS); due to differences in time coverage and administration between the NCVS and the School Crime Supplement (SCS) to the NCVS, data in this table cannot be compared with data in tables that are based on the SCS. Detail may not sum to totals because of rounding.

SOURCE: U.S. Department of Justice, Bureau of Justice

**Table 228.25. Number of nonfatal victimizations against students ages 12–18 and rate of victimization per 1,000 students, by type of victimization, location, and selected student characteristics: 2016**

[Standard errors appear in parentheses]

Location and student characteristic	Number of nonfatal victimizations					Rate of victimization per 1,000 students				
	Total	Theft	Violent		Total	Theft	Violent			
			All violent	Serious violent <sup>1</sup>			All violent	Serious violent <sup>1</sup>		
1	2	3	4	5	6	7	8	9		
<b>At school<sup>2</sup></b>	<b>749,400 (83,700)</b>	<b>294,000 (33,420)</b>	<b>455,400 (59,730)</b>	<b>71,700 (17,910)</b>	<b>29.3 (3.10)</b>	<b>11.5 (1.29)</b>	<b>17.8 (2.25)</b>	<b>2.8 (0.69)</b>		
<b>Total</b>	<b>749,400 (83,700)</b>	<b>294,000 (33,420)</b>	<b>455,400 (59,730)</b>	<b>71,700 (17,910)</b>	<b>29.3 (3.10)</b>	<b>11.5 (1.29)</b>	<b>17.8 (2.25)</b>	<b>2.8 (0.69)</b>		
Sex										
Male	500,900 (63,690)	171,800 (24,930)	329,100 (48,050)	36,600 (11,840)	38.1 (4.53)	13.1 (1.87)	25.0 (3.47)	2.8 (0.89)		
Female	248,500 (39,890)	122,200 (20,740)	126,400 (25,670)	35,100 (11,520)	20.1 (3.08)	9.9 (1.66)	10.2 (2.02)	2.8 (0.92)		
Age										
12–14	449,500 (59,210)	153,100 (23,420)	296,300 (44,810)	32,900 (11,090)	37.0 (4.56)	12.6 (1.91)	24.4 (3.51)	2.7 (0.90)		
15–18	300,000 (45,180)	140,900 (22,390)	159,100 (29,780)	38,800 (12,260)	22.4 (3.22)	10.5 (1.65)	11.9 (2.16)	2.9 (0.91)		
Race/ethnicity <sup>3</sup>										
White	353,800 (50,430)	172,600 (24,990)	181,200 (32,420)	34,400 (11,380)	27.3 (3.68)	13.3 (1.90)	14.0 (2.42)	2.6 (0.87)		
Black	155,300 (29,330)	48,200 (12,660)	107,100 (23,090)	13,600 (6,590)	42.3 (7.44)	13.1 (3.41)	29.2 (5.96)	3.7 (1.77)		
Hispanic	153,500 (29,100)	42,700 (11,880)	110,800 (23,590)	12,000 (6,110)	23.3 (4.22)	6.5 (1.79)	16.8 (3.46)	1.8 (0.92)		
Other	86,800 (20,200)	30,500 (9,970)	56,300 (15,400)	11,700 (6,040)	37.5 (8.22)	13.2 (4.26)	24.3 (6.37)	5.1 (2.58)		
Urbanicity <sup>4</sup>										
Urban	285,200 (43,680)	104,100 (19,030)	181,100 (32,400)	23,100 (8,970)	36.7 (5.26)	13.4 (2.42)	23.3 (3.97)	3.0 (1.14)		
Suburban	337,900 (48,900)	130,800 (21,510)	207,100 (35,380)	26,900 (9,830)	23.6 (3.25)	9.1 (1.49)	14.4 (2.38)	1.9 (0.68)		
Rural	126,400 (25,670)	59,200 (14,100)	67,200 (17,200)	21,700 (8,640)	36.8 (7.03)	17.2 (4.05)	19.6 (4.82)	6.3 (2.48)		
Household income <sup>5</sup>										
Less than \$15,000	109,300 (23,390)	43,900 (12,060)	65,400 (16,910)	10,600 (5,710)	46.0 (9.16)	18.5 (5.00)	27.5 (6.78)	4.5 (2.37)		
\$15,000 to 29,999	111,600 (23,700)	47,800 (12,610)	63,800 (16,640)	15,100 (6,980)	28.4 (5.73)	12.2 (3.18)	16.2 (4.10)	3.8 (1.76)		
\$30,000 to 49,999	118,300 (24,600)	41,400 (11,690)	76,900 (18,710)	— (†)	22.3 (4.43)	7.8 (2.18)	14.5 (3.41)	— (†)		
\$50,000 to 74,999	150,000 (22,370)	39,800 (11,450)	62,200 (16,390)	15,100 (6,990)	25.6 (5.35)	10.0 (2.85)	15.6 (3.98)	3.8 (1.74)		
\$75,000 or more	308,300 (46,010)	121,100 (20,640)	187,200 (33,110)	30,200 (10,540)	31.0 (4.36)	12.2 (2.05)	18.8 (3.20)	3.0 (1.05)		
<b>Away from school</b>	<b>601,300 (72,070)</b>	<b>251,200 (30,650)</b>	<b>350,100 (50,080)</b>	<b>140,100 (27,440)</b>	<b>23.5 (2.69)</b>	<b>9.8 (1.19)</b>	<b>13.7 (1.90)</b>	<b>5.5 (1.06)</b>		
<b>Total</b>	<b>601,300 (72,070)</b>	<b>251,200 (30,650)</b>	<b>350,100 (50,080)</b>	<b>140,100 (27,440)</b>	<b>23.5 (2.69)</b>	<b>9.8 (1.19)</b>	<b>13.7 (1.90)</b>	<b>5.5 (1.06)</b>		
Sex										
Male	345,200 (49,600)	145,400 (22,780)	199,700 (34,550)	56,100 (15,360)	26.2 (3.58)	11.1 (1.71)	15.2 (2.54)	4.3 (1.15)		
Female	256,100 (40,690)	105,700 (19,190)	150,400 (28,720)	84,100 (19,800)	20.7 (3.14)	8.5 (1.54)	12.1 (2.25)	6.8 (1.57)		
Age										
12–14	245,100 (39,520)	109,000 (19,510)	136,100 (26,920)	70,000 (17,640)	20.2 (3.12)	9.0 (1.59)	11.2 (2.15)	5.8 (1.43)		
15–18	356,200 (50,660)	142,100 (22,500)	214,100 (36,150)	70,200 (17,670)	26.6 (3.59)	10.6 (1.66)	16.0 (2.60)	5.2 (1.30)		
Race/ethnicity <sup>3</sup>										
White	305,000 (45,680)	129,700 (21,410)	175,400 (31,730)	70,500 (17,720)	23.5 (3.35)	10.0 (1.63)	13.5 (2.37)	5.4 (1.34)		
Black	93,200 (21,130)	15,100 (6,920)	78,100 (18,900)	16,500 (7,370)	25.4 (5.48)	4.1 (1.88)	21.3 (4.93)	4.5 (1.98)		
Hispanic	159,100 (29,790)	76,000 (16,100)	83,200 (19,660)	51,800 (14,630)	24.2 (4.32)	11.6 (2.42)	12.6 (2.90)	7.9 (2.18)		
Other	43,900 (13,220)	30,400 (9,950)	13,500 (6,550)	— (†)	19.0 (5.51)	13.1 (4.25)	5.8 (2.79)	— (†)		
Urbanicity <sup>4</sup>										
Urban	230,900 (38,000)	73,900 (15,860)	157,000 (29,530)	59,700 (15,970)	29.7 (4.62)	9.5 (2.02)	20.2 (3.64)	7.7 (2.01)		
Suburban	239,400 (38,910)	116,000 (20,170)	123,400 (25,280)	53,100 (14,860)	16.7 (2.61)	8.1 (1.40)	8.6 (1.72)	3.7 (1.02)		
Rural	131,000 (26,270)	61,300 (14,370)	69,700 (17,600)	27,300 (9,920)	38.2 (7.18)	17.9 (4.13)	20.3 (4.93)	8.0 (2.84)		
Household income <sup>5</sup>										
Less than \$15,000	43,400 (13,130)	19,300 (7,870)	24,100 (9,200)	11,000 (5,830)	18.3 (5.33)	8.1 (3.29)	10.1 (3.79)	4.6 (2.42)		
\$15,000 to 29,999	183,300 (32,660)	60,200 (14,230)	123,100 (25,240)	33,900 (11,300)	46.7 (7.71)	15.3 (3.58)	31.4 (6.08)	8.6 (2.82)		
\$30,000 to 49,999	124,800 (25,470)	59,200 (14,100)	65,600 (16,950)	22,300 (8,780)	23.5 (4.58)	11.1 (2.63)	12.4 (3.10)	4.2 (1.63)		
\$50,000 to 74,999	80,800 (19,310)	43,400 (11,980)	37,400 (11,990)	20,100 (8,270)	20.3 (4.66)	10.9 (2.98)	9.4 (2.94)	5.1 (2.05)		
\$75,000 or more	168,900 (30,970)	69,100 (15,300)	99,900 (22,080)	52,800 (14,800)	17.0 (3.00)	6.9 (1.53)	10.0 (2.16)	5.3 (1.47)		

—Not available.

†Not applicable.

!Interpret data with caution. Estimate based on 10 or fewer sample cases, or the coefficient of variation is greater than 50 percent.

<sup>1</sup>Serious violent<sup>1</sup> victimization is also included in "all violent" victimization.

<sup>2</sup>At school<sup>2</sup> includes inside the school building, on school property, on a school bus, and going to or from school.

<sup>3</sup>Race categories exclude persons of Hispanic ethnicity. "Other" includes Asian, Pacific Islander, American Indian/Alaska Native, and Two or more races.

<sup>4</sup>Refers to the Standard Metropolitan Statistical Area (MSA) status of the respondent's household as defined by the U.S. Census Bureau. Categories include "central city of an MSA (Urban)," "in MSA but not in central city (Suburban)," and "not MSA (Rural)."

<sup>5</sup>Income data for 2016 were imputed. For more information, see *Criminal Victimization, 2016* (available at <https://www.bjs.gov/index.cfm?ty=pbse&sid=6>).

NOTE: "Serious violent" victimization includes the crimes of rape, sexual assault, robbery, and aggravated assault. "All violent" victimization includes serious violent crimes as well as simple assault. "Theft" includes attempted and completed purse-snatching, completed pickpocketing, and all attempted and completed thefts, with the exception of motor vehicle thefts. Theft does not include robbery, which involves the threat or use of force and is classified as a violent crime. "Total victimization" includes theft and violent crimes. Data in this table are from the National Crime Victimization Survey (NCVS) and are reported in accordance with Bureau of Justice Statistics standards. Detail may not sum to totals because of rounding and missing data on student characteristics. The population size for students ages 12–18 was 25,546,100 in 2016. Every 10 years, the survey sample is redesigned to reflect changes in the population. The sample redesign impacted the comparability of 2016 estimates to estimates for earlier years. Caution should be used when making comparisons to earlier years. For more information, see *Criminal Victimization, 2016* (available at <https://www.bjs.gov/index.cfm?ty=pbse&sid=6>). SOURCE: U.S. Department of Justice, Bureau of Justice Statistics, National Crime Victimization Survey (NCVS), 2016. (This table was prepared August 2017.)

**Table 228.30. Percentage of students ages 12–18 who reported criminal victimization at school during the previous 6 months, by type of victimization and selected student and school characteristics: Selected years, 1995 through 2015**

[Standard errors appear in parentheses]

Type of victimization and student or school characteristic	1995	1999	2001	2003	2005	2007	2009	2011	2013	2015
1	2	3	4	5	6	7	8	9	10	11
<b>Total</b> .....	<b>9.5 (0.35)</b>	<b>7.6 (0.35)</b>	<b>5.5 (0.31)</b>	<b>5.1 (0.24)</b>	<b>4.3 (0.31)</b>	<b>4.3 (0.30)</b>	<b>3.9 (0.28)</b>	<b>3.5 (0.28)</b>	<b>3.0 (0.25)</b>	<b>2.7 (0.25)</b>
<b>Sex</b>										
Male .....	10.0 (0.46)	7.8 (0.46)	6.1 (0.41)	5.4 (0.33)	4.6 (0.42)	4.5 (0.43)	4.6 (0.40)	3.7 (0.35)	3.2 (0.40)	2.6 (0.35)
Female .....	9.0 (0.47)	7.3 (0.46)	4.9 (0.39)	4.8 (0.36)	3.9 (0.38)	4.0 (0.39)	3.2 (0.35)	3.4 (0.38)	2.8 (0.34)	2.8 (0.38)
<b>Race/ethnicity<sup>1</sup></b>										
White .....	9.8 (0.37)	7.5 (0.44)	5.8 (0.39)	5.4 (0.31)	4.7 (0.35)	4.3 (0.38)	3.9 (0.37)	3.6 (0.35)	3.0 (0.32)	2.9 (0.36)
Black .....	10.2 (1.04)	9.9 (0.85)	6.1 (0.78)	5.3 (0.80)	3.8 (0.80)	4.3 (0.83)	4.4 (0.74)	4.6 (0.89)	3.2 (0.71)	2.2! (0.77)
Hispanic .....	7.6 (0.90)	5.7 (0.77)	4.6 (0.64)	3.9 (0.50)	3.9 (0.70)	3.6 (0.54)	3.9 (0.75)	2.9 (0.47)	3.2 (0.46)	2.3 (0.47)
Asian .....	— (†)	— (†)	— (†)	— (†)	1.5! (0.68)	3.6! (1.38)	‡ (†)	2.5! (1.23)	2.6! (1.08)	‡ (†)
Other .....	8.8 (1.54)	6.4 (1.28)	3.1 (0.91)	5.0 (1.08)	4.3! (2.00)	8.1 (2.01)	‡ (†)	3.7! (1.37)	2.2! (1.08)	6.2! (2.04)
<b>Grade</b>										
6th .....	9.6 (0.97)	8.0 (1.24)	5.9 (0.90)	3.8 (0.77)	4.6 (0.83)	4.1 (0.87)	3.7 (0.91)	3.8 (0.85)	4.1 (0.92)	3.1 (0.79)
7th .....	11.2 (0.81)	8.2 (0.81)	5.8 (0.66)	6.3 (0.74)	5.4 (0.71)	4.7 (0.69)	3.4 (0.70)	3.1 (0.61)	2.5 (0.51)	3.4 (0.70)
8th .....	10.5 (0.78)	7.6 (0.84)	4.3 (0.61)	5.2 (0.65)	3.6 (0.63)	4.4 (0.63)	3.8 (0.78)	3.8 (0.67)	2.3 (0.52)	2.3 (0.57)
9th .....	11.9 (0.88)	8.9 (0.79)	7.9 (0.81)	6.3 (0.70)	4.7 (0.69)	5.3 (0.75)	5.3 (0.85)	5.1 (0.83)	4.1 (0.76)	3.0 (0.62)
10th .....	9.1 (0.76)	8.0 (0.82)	6.5 (0.77)	4.8 (0.63)	4.3 (0.71)	4.4 (0.67)	4.2 (0.79)	3.0 (0.58)	3.3 (0.57)	1.6 (0.47)
11th .....	7.3 (0.74)	7.2 (0.88)	4.8 (0.62)	5.1 (0.68)	3.6 (0.51)	4.0 (0.75)	4.7 (0.88)	3.1 (0.65)	3.3 (0.65)	4.4 (1.04)
12th .....	6.1 (0.74)	4.8 (0.81)	2.9 (0.52)	3.6 (0.71)	3.8 (0.85)	2.7 (0.70)	2.0 (0.52)	2.9 (0.68)	2.0! (0.67)	1.3! (0.45)
<b>Urbanicity<sup>2</sup></b>										
Urban .....	9.3 (0.64)	8.4 (0.69)	5.9 (0.58)	6.1 (0.58)	5.3 (0.65)	4.5 (0.58)	4.2 (0.56)	4.3 (0.56)	3.3 (0.47)	3.3 (0.51)
Suburban .....	10.3 (0.49)	7.6 (0.43)	5.7 (0.40)	4.8 (0.33)	4.2 (0.34)	4.1 (0.38)	4.0 (0.36)	3.3 (0.34)	3.2 (0.35)	2.8 (0.35)
Rural .....	8.3 (0.79)	6.4 (0.96)	4.7 (0.93)	4.7 (0.75)	2.8 (0.69)	4.4 (0.55)	3.1 (0.66)	2.8 (0.57)	2.0 (0.58)	1.5 (0.37)
<b>Control of school</b>										
Public .....	9.8 (0.38)	7.9 (0.37)	5.7 (0.34)	5.2 (0.26)	4.4 (0.32)	4.6 (0.32)	4.1 (0.30)	3.7 (0.29)	3.1 (0.27)	2.8 (0.26)
Private .....	6.6 (0.90)	4.5 (0.80)	3.4 (0.72)	4.9 (0.79)	2.7 (0.77)	1.1! (0.50)	1.8! (0.76)	1.9! (0.68)	2.8! (0.89)	‡ (†)
<b>Theft</b> .....	<b>7.1 (0.29)</b>	<b>5.7 (0.32)</b>	<b>4.2 (0.24)</b>	<b>4.0 (0.21)</b>	<b>3.1 (0.27)</b>	<b>3.0 (0.23)</b>	<b>2.8 (0.23)</b>	<b>2.6 (0.23)</b>	<b>1.9 (0.20)</b>	<b>1.9 (0.22)</b>
<b>Sex</b>										
Male .....	7.1 (0.38)	5.7 (0.41)	4.5 (0.34)	4.0 (0.27)	3.1 (0.34)	3.0 (0.34)	3.4 (0.36)	2.6 (0.29)	2.0 (0.30)	1.7 (0.26)
Female .....	7.1 (0.41)	5.7 (0.43)	3.8 (0.33)	4.1 (0.32)	3.2 (0.36)	3.0 (0.33)	2.1 (0.28)	2.6 (0.33)	1.8 (0.28)	2.0 (0.34)
<b>Race/ethnicity<sup>1</sup></b>										
White .....	7.4 (0.32)	5.8 (0.43)	4.2 (0.30)	4.3 (0.28)	3.4 (0.32)	3.1 (0.29)	2.9 (0.31)	2.5 (0.28)	1.6 (0.22)	2.0 (0.28)
Black .....	7.1 (0.85)	7.4 (0.77)	5.0 (0.68)	4.0 (0.66)	2.7 (0.65)	3.0 (0.70)	2.5 (0.61)	3.7 (0.78)	2.7 (0.67)	1.3! (0.63)
Hispanic .....	5.8 (0.78)	3.9 (0.61)	3.7 (0.69)	3.0 (0.41)	3.1 (0.64)	2.2 (0.47)	3.0 (0.63)	2.0 (0.41)	1.8 (0.39)	1.6 (0.39)
Asian .....	— (†)	— (†)	— (†)	— (†)	‡ (†)	3.2! (1.32)	‡ (†)	2.5! (1.23)	2.6! (1.08)	‡ (†)
Other .....	6.5 (1.40)	4.4 (0.98)	2.9 (0.87)	4.4 (1.04)	‡ (†)	4.5! (1.57)	‡ (†)	2.8! (1.21)	‡ (†)	4.4! (1.74)
<b>Grade</b>										
6th .....	5.4 (0.66)	5.2 (0.97)	4.0 (0.70)	2.2 (0.63)	2.8 (0.75)	2.7 (0.77)	1.3! (0.52)	2.7 (0.70)	1.4! (0.57)	1.6! (0.65)
7th .....	8.1 (0.71)	6.0 (0.73)	3.4 (0.51)	4.8 (0.67)	2.9 (0.50)	2.7 (0.54)	2.1 (0.57)	1.9 (0.44)	1.4 (0.38)	1.6! (0.54)
8th .....	7.9 (0.72)	5.9 (0.81)	3.3 (0.50)	4.1 (0.56)	2.4 (0.53)	2.5 (0.54)	2.0 (0.55)	2.0 (0.48)	1.0! (0.33)	1.8 (0.50)
9th .....	9.1 (0.77)	6.5 (0.71)	6.2 (0.76)	5.3 (0.62)	3.7 (0.61)	4.6 (0.70)	4.9 (0.80)	4.4 (0.78)	2.7 (0.58)	2.1 (0.52)
10th .....	7.7 (0.72)	6.5 (0.73)	5.7 (0.72)	3.7 (0.59)	3.8 (0.66)	3.6 (0.63)	3.5 (0.72)	2.1 (0.50)	2.6 (0.48)	1.4! (0.43)
11th .....	5.5 (0.66)	5.5 (0.67)	3.8 (0.57)	4.1 (0.64)	2.8 (0.45)	2.6 (0.61)	3.3 (0.74)	2.7 (0.58)	2.3 (0.50)	3.4 (0.85)
12th .....	4.6 (0.67)	4.0 (0.71)	2.3 (0.45)	3.1 (0.68)	3.5 (0.85)	1.9 (0.55)	1.5 (0.44)	2.4 (0.62)	1.6! (0.62)	1.0! (0.40)
<b>Urbanicity<sup>2</sup></b>										
Urban .....	6.6 (0.51)	6.9 (0.59)	4.5 (0.52)	4.5 (0.47)	3.6 (0.51)	2.8 (0.48)	2.9 (0.45)	3.0 (0.45)	2.4 (0.44)	2.3 (0.45)
Suburban .....	7.6 (0.40)	5.4 (0.36)	4.3 (0.32)	3.8 (0.27)	3.2 (0.31)	3.0 (0.31)	2.8 (0.32)	2.5 (0.30)	1.9 (0.27)	1.8 (0.30)
Rural .....	6.8 (0.66)	5.0 (0.95)	3.4 (0.65)	3.9 (0.66)	2.2! (0.68)	3.2 (0.46)	2.3 (0.59)	2.0 (0.47)	0.8 (0.24)	1.2 (0.32)
<b>Control of school</b>										
Public .....	7.3 (0.32)	5.9 (0.34)	4.4 (0.26)	4.0 (0.22)	3.3 (0.28)	3.2 (0.25)	2.9 (0.25)	2.7 (0.24)	1.9 (0.21)	1.9 (0.22)
Private .....	5.2 (0.74)	4.3 (0.78)	2.5 (0.67)	4.0 (0.77)	1.3! (0.48)	1.1! (0.50)	‡ (†)	1.2! (0.52)	2.0! (0.76)	‡ (†)
<b>Violent</b> .....	<b>3.0 (0.21)</b>	<b>2.3 (0.18)</b>	<b>1.8 (0.19)</b>	<b>1.3 (0.15)</b>	<b>1.2 (0.15)</b>	<b>1.6 (0.18)</b>	<b>1.4 (0.17)</b>	<b>1.1 (0.15)</b>	<b>1.2 (0.15)</b>	<b>0.9 (0.15)</b>
<b>Sex</b>										
Male .....	3.5 (0.27)	2.5 (0.26)	2.1 (0.26)	1.8 (0.24)	1.6 (0.25)	1.7 (0.26)	1.6 (0.25)	1.2 (0.21)	1.3 (0.23)	1.0 (0.21)
Female .....	2.4 (0.25)	2.0 (0.22)	1.5 (0.24)	0.9 (0.16)	0.8 (0.15)	1.4 (0.23)	1.1 (0.21)	0.9 (0.17)	1.1 (0.23)	0.9 (0.19)
<b>Race/ethnicity<sup>1</sup></b>										
White .....	3.0 (0.23)	2.1 (0.22)	2.0 (0.24)	1.4 (0.18)	1.3 (0.20)	1.5 (0.22)	1.2 (0.21)	1.2 (0.17)	1.5 (0.24)	1.0 (0.22)
Black .....	3.4 (0.61)	3.5 (0.55)	1.3! (0.40)	1.6 (0.41)	1.3! (0.46)	1.6! (0.50)	2.3 (0.62)	1.1! (0.42)	‡ (†)	0.9! (0.44)
Hispanic .....	2.7 (0.43)	1.9 (0.38)	1.5 (0.41)	1.1 (0.28)	0.9 (0.24)	1.4 (0.42)	1.3! (0.40)	1.0 (0.28)	1.5 (0.26)	0.6! (0.23)
Asian .....	— (†)	— (†)	— (†)	— (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)
Other .....	2.5! (0.87)	2.2! (0.81)	‡ (†)	‡ (†)	‡ (†)	4.5! (1.50)	‡ (†)	‡ (†)	‡ (†)	2.9! (1.32)
<b>Grade</b>										
6th .....	5.1 (0.73)	3.8 (0.76)	2.6 (0.66)	1.9 (0.53)	1.9 (0.55)	1.5! (0.54)	2.6! (0.83)	1.3! (0.49)	2.7 (0.73)	1.6! (0.65)
7th .....	3.8 (0.54)	2.6 (0.43)	2.6 (0.47)	1.7 (0.43)	2.6 (0.53)	2.4 (0.50)	1.2! (0.42)	1.2! (0.41)	1.2! (0.38)	1.9 (0.47)
8th .....	3.1 (0.44)	2.4 (0.44)	1.3 (0.34)	1.5 (0.35)	1.4 (0.39)	2.1 (0.47)	2.0 (0.60)	2.1 (0.50)	1.4 (0.42)	0.6! (0.30)
9th .....	3.4 (0.50)	3.2 (0.47)	2.4 (0.46)	1.5 (0.31)	1.0 (0.29)	1.2! (0.37)	1.2! (0.37)	1.1! (0.35)	1.4! (0.44)	0.8! (0.34)
10th .....	2.1 (0.36)	1.7 (0.39)	1.2 (0.31)	1.4 (0.36)	0.5! (0.24)	1.2! (0.39)	1.0! (0.37)	0.9! (0.34)	1.0! (0.35)	‡ (†)
11th .....	1.9 (0.40)	1.8! (0.58)	1.6 (0.39)	1.0! (0.33)	0.7! (0.31)	1.5! (0.46)	1.5! (0.51)	‡ (†)	1.0! (0.43)	1.3! (0.49)
12th .....	1.9 (0.41)	0.8! (0.31)	0.9! (0.31)	0.5! (0.26)	‡ (†)	0.8! (0.35)	‡ (†)	‡ (†)	‡ (†)	‡ (†)

See notes at end of table.

**Table 228.30. Percentage of students ages 12–18 who reported criminal victimization at school during the previous 6 months, by type of victimization and selected student and school characteristics: Selected years, 1995 through 2015—Continued**

[Standard errors appear in parentheses]

Type of victimization and student or school characteristic	1995	1999	2001	2003	2005	2007	2009	2011	2013	2015
1	2	3	4	5	6	7	8	9	10	11
<b>Urbanicity<sup>2</sup></b>										
Urban .....	3.3 (0.40)	2.3 (0.38)	1.7 (0.29)	1.8 (0.32)	1.8 (0.34)	2.0 (0.35)	1.8 (0.41)	1.4 (0.31)	0.9 (0.21)	1.0 (0.27)
Suburban .....	3.5 (0.30)	2.4 (0.26)	1.7 (0.20)	1.2 (0.19)	1.1 (0.18)	1.3 (0.23)	1.3 (0.23)	0.9 (0.16)	1.4 (0.21)	1.0 (0.20)
Rural .....	1.8 (0.31)	1.9 (0.50)	2.0! (0.64)	0.9! (0.31)	0.6! (0.26)	1.7 (0.36)	0.8! (0.32)	1.0! (0.31)	1.1! (0.46)	0.5! (0.22)
<b>Control of school</b>										
Public .....	3.1 (0.22)	2.5 (0.20)	1.9 (0.20)	1.4 (0.15)	1.2 (0.15)	1.7 (0.20)	1.4 (0.19)	1.1 (0.15)	1.2 (0.16)	1.0 (0.15)
Private .....	1.7 (0.45)	‡ (†)	1.0! (0.32)	0.9! (0.39)	1.4! (0.60)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)
<b>Serious violent<sup>3</sup></b>	<b>0.7 (0.09)</b>	<b>0.5 (0.09)</b>	<b>0.4 (0.08)</b>	<b>0.2 (0.06)</b>	<b>0.3 (0.07)</b>	<b>0.4 (0.08)</b>	<b>0.3 (0.09)</b>	<b>0.1! (0.05)</b>	<b>0.2! (0.07)</b>	<b>0.2! (0.07)</b>
<b>Sex</b>										
Male .....	0.9 (0.14)	0.6 (0.12)	0.5 (0.11)	0.3! (0.10)	0.3! (0.10)	0.5! (0.14)	0.6 (0.16)	0.2! (0.08)	0.2! (0.10)	0.2! (0.12)
Female .....	0.4 (0.10)	0.5 (0.12)	0.4! (0.12)	‡ (†)	0.3 (0.07)	0.2! (0.08)	‡ (†)	‡ (†)	0.2! (0.10)	‡ (†)
<b>Race/ethnicity<sup>1</sup></b>										
White .....	0.6 (0.09)	0.4 (0.09)	0.4 (0.08)	0.2! (0.06)	0.3! (0.09)	0.2! (0.08)	0.3! (0.10)	0.2! (0.07)	0.2! (0.09)	0.3! (0.10)
Black .....	1.0! (0.31)	1.2 (0.33)	0.5! (0.25)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)
Hispanic .....	0.9! (0.30)	0.6! (0.22)	0.8! (0.33)	0.4! (0.18)	0.4! (0.16)	0.8! (0.32)	‡ (†)	‡ (†)	0.4! (0.17)	‡ (†)
Asian .....	— (†)	— (†)	— (†)	— (†)	‡ (†)	‡ (†)	# (†)	# (†)	‡ (†)	‡ (†)
Other .....	‡ (†)	# (†)	# (†)	‡ (†)	‡ (†)	‡ (†)	# (†)	# (†)	‡ (†)	‡ (†)
<b>Grade</b>										
6th .....	1.5 (0.42)	1.3! (0.40)	‡ (†)	# (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	0.8! (0.42)	‡ (†)
7th .....	0.9 (0.24)	0.9! (0.27)	0.6! (0.24)	‡ (†)	‡ (†)	0.4! (0.20)	‡ (†)	0.5! (0.23)	‡ (†)	‡ (†)
8th .....	0.8! (0.23)	0.5! (0.22)	0.3! (0.14)	0.3! (0.15)	‡ (†)	‡ (†)	‡ (†)	# (†)	‡ (†)	‡ (†)
9th .....	0.7 (0.21)	0.6! (0.18)	0.8! (0.31)	0.6! (0.21)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)
10th .....	0.4! (0.17)	‡ (†)	0.4! (0.18)	# (†)	‡ (†)	‡ (†)	‡ (†)	# (†)	‡ (†)	‡ (†)
11th .....	0.4! (0.16)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	0.6! (0.27)	‡ (†)	# (†)	‡ (†)	‡ (†)
12th .....	‡ (†)	‡ (†)	‡ (†)	# (†)	‡ (†)	‡ (†)	‡ (†)	# (†)	‡ (†)	‡ (†)
<b>Urbanicity<sup>2</sup></b>										
Urban .....	1.3 (0.24)	0.7 (0.19)	0.5 (0.15)	0.4! (0.14)	0.4! (0.17)	0.7! (0.23)	0.6! (0.22)	‡ (†)	0.3! (0.16)	‡ (†)
Suburban .....	0.6 (0.12)	0.5 (0.11)	0.4 (0.09)	0.1! (0.05)	0.3! (0.08)	0.2! (0.09)	0.3! (0.11)	‡ (†)	0.2! (0.08)	0.3! (0.12)
Rural .....	0.3! (0.10)	0.4! (0.18)	0.5! (0.24)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)
<b>Control of school</b>										
Public .....	0.7 (0.10)	0.6 (0.10)	0.5 (0.09)	0.2 (0.06)	0.3 (0.06)	0.4 (0.09)	0.4 (0.10)	0.1! (0.06)	0.2! (0.08)	0.2! (0.08)
Private .....	‡ (†)	# (†)	# (†)	# (†)	‡ (†)	‡ (†)	‡ (†)	# (†)	‡ (†)	‡ (†)

—Not available.

‡Not applicable.

#Rounds to zero.

!Interpret data with caution. The coefficient of variation (CV) for this estimate is between 30 and 50 percent.

‡Reporting standards not met. Either there are too few cases for a reliable estimate or the coefficient of variation (CV) is 50 percent or greater.

<sup>1</sup>Race categories exclude persons of Hispanic ethnicity. "Other" includes American Indians/Alaska Natives, Asians (prior to 2005), Pacific Islanders, and, from 2003 onward, persons of Two or more races. Due to changes in racial/ethnic categories, comparisons of race/ethnicity across years should be made with caution.

<sup>2</sup>Refers to the Standard Metropolitan Statistical Area (MSA) status of the respondent's household as defined by the U.S. Census Bureau. Categories include "central city of an MSA (Urban)," "in MSA but not in central city (Suburban)," and "not MSA (Rural)."

<sup>3</sup>Serious violent victimization is also included in violent victimization.

NOTE: "Total victimization" includes theft and violent victimization. A single student could report more than one type of victimization. In the total victimization section, students who reported both theft and violent victimization are counted only once. "Theft" includes attempted and completed purse-snatching, completed pickpocketing, and all attempted and completed thefts, with the exception of motor vehicle thefts. Theft does not include robbery, which involves the threat or use of force and is classified as a violent crime.

"Serious violent victimization" includes the crimes of rape, sexual assault, robbery, and aggravated assault. "Violent victimization" includes the serious violent crimes as well as simple assault. "At school" includes the school building, on school property, on a school bus, and, from 2001 onward, going to and from school.

SOURCE: U.S. Department of Justice, Bureau of Justice Statistics, School Crime Supplement (SCS) to the National Crime Victimization Survey, 1995 through 2015. (This table was prepared August 2016.)

**Table 228.40. Percentage of students in grades 9–12 who reported being threatened or injured with a weapon on school property during the previous 12 months, by selected student characteristics and number of times threatened or injured: Selected years, 1993 through 2015**

[Standard errors appear in parentheses]

Number of times and year	Total	Sex		Race/ethnicity <sup>1</sup>							Grade			
		Male	Female	White	Black	Hispanic	Asian <sup>2</sup>	Pacific Islander <sup>2</sup>	American Indian/ Alaska Native	Two or more races <sup>2</sup>	9th grade	10th grade	11th grade	12th grade
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
<b>At least once</b>														
1993 .....	7.3 (0.44)	9.2 (0.64)	5.4 (0.40)	6.3 (0.58)	11.2 (0.95)	8.6 (0.83)	— (†)	— (†)	11.7 (2.50)	— (†)	9.4 (0.92)	7.3 (0.59)	7.3 (0.64)	5.5 (0.62)
1995 .....	8.4 (0.52)	10.9 (0.57)	5.8 (0.68)	7.0 (0.53)	11.0 (1.61)	12.4 (1.44)	— (†)	— (†)	11.4! (4.22)	— (†)	9.6 (0.96)	9.6 (1.03)	7.7 (0.64)	6.7 (0.57)
1997 .....	7.4 (0.45)	10.2 (0.71)	4.0 (0.32)	6.2 (0.56)	9.9 (0.91)	9.0 (0.63)	— (†)	— (†)	12.5! (5.15)	— (†)	10.1 (1.02)	7.9 (1.14)	5.9 (0.70)	5.8 (0.80)
1999 .....	7.7 (0.42)	9.5 (0.80)	5.8 (0.64)	6.6 (0.35)	7.6 (0.85)	9.8 (1.09)	7.7 (1.05)	15.6 (4.46)	13.2! (5.45)	9.3 (1.22)	10.5 (0.95)	8.2 (0.92)	6.1 (0.46)	5.1 (0.79)
2001 .....	8.9 (0.55)	11.5 (0.66)	6.5 (0.52)	8.5 (0.66)	9.3 (0.71)	8.9 (1.05)	11.3 (2.73)	24.8 (7.16)	15.2! (4.57)	10.3 (2.33)	12.7 (0.89)	9.1 (0.75)	6.9 (0.65)	5.3 (0.52)
2003 .....	9.2 (0.75)	11.6 (0.96)	6.5 (0.61)	7.8 (0.77)	10.9 (0.80)	9.4 (1.23)	11.5 (2.66)	16.3 (4.31)	22.1 (4.79)	18.7 (3.11)	12.1 (1.25)	9.2 (1.02)	7.3 (0.69)	6.3 (0.92)
2005 .....	7.9 (0.35)	9.7 (0.42)	6.1 (0.41)	7.2 (0.46)	8.1 (0.69)	9.8 (0.86)	4.6 (1.10)	14.5! (4.93)	9.8 (2.67)	10.7 (2.33)	10.5 (0.63)	8.8 (0.72)	5.5 (0.43)	5.8 (0.52)
2007 .....	7.8 (0.44)	10.2 (0.59)	5.4 (0.41)	6.9 (0.52)	9.7 (0.86)	8.7 (0.60)	7.6! (2.29)	8.1! (2.45)	5.9 (1.24)	13.3 (2.25)	9.2 (0.69)	8.4 (0.51)	6.8 (0.57)	6.3 (0.64)
2009 .....	7.7 (0.37)	9.6 (0.59)	5.5 (0.37)	6.4 (0.43)	9.4 (0.80)	9.1 (0.61)	5.5 (0.91)	12.5 (3.11)	16.5 (2.68)	9.2 (1.50)	8.7 (0.53)	8.4 (0.72)	7.9 (0.60)	5.2 (0.53)
2011 .....	7.4 (0.31)	9.5 (0.39)	5.2 (0.37)	6.1 (0.35)	8.9 (0.64)	9.2 (0.81)	7.0 (0.99)	11.3 (3.23)	8.2 (1.52)	9.9 (1.35)	8.3 (0.63)	7.7 (0.58)	7.3 (0.61)	5.9 (0.45)
2013 .....	6.9 (0.38)	7.7 (0.54)	6.1 (0.40)	5.8 (0.32)	8.4 (0.82)	8.5 (0.73)	5.3 (1.41)	8.7! (2.71)	18.5 (5.24)	7.7 (2.11)	8.5 (0.75)	7.0 (0.67)	6.8 (0.60)	4.9 (0.61)
2015 .....	6.0 (0.38)	7.0 (0.50)	4.6 (0.42)	4.9 (0.50)	7.9 (1.10)	6.6 (0.65)	3.6! (1.40)	20.5! (7.28)	8.2! (2.69)	8.0 (1.82)	7.2 (0.51)	6.2 (0.57)	5.5 (0.68)	4.4 (0.69)
<b>Number of times, 2015</b>														
0 times .....	94.0 (0.38)	93.0 (0.50)	95.4 (0.42)	95.1 (0.50)	92.1 (1.10)	93.4 (0.65)	96.4 (1.40)	79.5 (7.28)	91.8 (2.69)	92.0 (1.82)	92.8 (0.51)	93.8 (0.57)	94.5 (0.68)	95.6 (0.69)
1 time .....	2.7 (0.22)	3.1 (0.30)	2.3 (0.23)	2.4 (0.24)	4.1 (0.80)	2.6 (0.36)	‡ (†)	‡ (†)	‡ (†)	3.8! (1.37)	3.5 (0.36)	2.9 (0.35)	2.5 (0.45)	1.8 (0.34)
2 or 3 times .....	1.5 (0.16)	1.6 (0.19)	1.3 (0.23)	1.5 (0.25)	1.6! (0.47)	1.4 (0.27)	0.5! (0.25)	‡ (†)	3.1! (1.18)	1.7! (0.71)	2.1 (0.34)	1.3 (0.26)	1.1 (0.20)	1.3 (0.29)
4 to 11 times .....	1.0 (0.14)	1.3 (0.21)	0.6 (0.12)	0.6 (0.12)	1.4! (0.51)	1.4 (0.24)	‡ (†)	‡ (†)	‡ (†)	1.2! (0.52)	0.9 (0.15)	1.3 (0.28)	1.1! (0.33)	0.7! (0.23)
12 or more times .....	0.8 (0.12)	1.0 (0.18)	0.4! (0.12)	0.4 (0.10)	0.9! (0.34)	1.2 (0.19)	‡ (†)	‡ (†)	‡ (†)	1.3! (0.60)	0.6 (0.15)	0.7 (0.15)	0.8 (0.23)	0.6 (0.17)

—Not available.

†Not applicable.

!Interpret data with caution. The coefficient of variation (CV) for this estimate is between 30 and 50 percent.

‡Reporting standards not met. Either there are too few cases for a reliable estimate or the coefficient of variation (CV) is 50 percent or greater.

<sup>1</sup>Race categories exclude persons of Hispanic ethnicity.

<sup>2</sup>Before 1999, Asian students and Pacific Islander students were not categorized separately, and students could not be classified as Two or more races. Because the response categories changed in 1999, caution should be used in comparing data on race from 1993, 1995, and 1997 with data from later years.

NOTE: Survey respondents were asked about being threatened or injured “with a weapon such as a gun, knife, or club on school property.” “On school property” was not defined for respondents. Detail may not sum to totals because of rounding. SOURCE: Centers for Disease Control and Prevention, Division of Adolescent and School Health, Youth Risk Behavior Surveillance System (YRBSS), 1993 through 2015. (This table was prepared June 2016.)

**Table 228.50. Percentage of public school students in grades 9–12 who reported being threatened or injured with a weapon on school property at least one time during the previous 12 months, by state or jurisdiction: Selected years, 2003 through 2015**

[Standard errors appear in parentheses]

State or jurisdiction	2003		2005		2007		2009		2011		2013		2015	
1	2		3		4		5		6		7		8	
<b>United States<sup>1</sup></b>	<b>9.2</b>	<b>(0.75)</b>	<b>7.9</b>	<b>(0.35)</b>	<b>7.8</b>	<b>(0.44)</b>	<b>7.7</b>	<b>(0.37)</b>	<b>7.4</b>	<b>(0.31)</b>	<b>6.9</b>	<b>(0.38)</b>	<b>6.0</b>	<b>(0.38)</b>
Alabama	7.2	(0.91)	10.6	(0.86)	—	(†)	10.4	(1.56)	7.6	(1.20)	9.9	(1.17)	8.8	(0.92)
Alaska	8.1	(1.01)	—	(†)	7.7	(0.88)	7.3	(0.90)	5.6	(0.70)	—	(†)	—	(†)
Arizona	9.7	(1.10)	10.7	(0.55)	11.2	(0.79)	9.3	(0.92)	10.4	(0.74)	9.1	(1.32)	7.5	(0.97)
Arkansas	—	(†)	9.6	(1.06)	9.1	(1.03)	11.9	(1.38)	6.3	(0.85)	10.9	(1.14)	10.6	(0.66)
California	—	(†)	—	(†)	—	(†)	—	(†)	—	(†)	—	(†)	5.2	(0.72)
Colorado	—	(†)	7.6	(0.75)	—	(†)	8.0	(0.74)	6.7	(0.80)	—	(†)	—	(†)
Connecticut	—	(†)	9.1	(0.91)	7.7	(0.59)	7.0	(0.62)	6.8	(0.71)	7.1	(0.74)	6.7	(0.71)
Delaware	7.7	(0.60)	6.2	(0.63)	5.6	(0.50)	7.8	(0.63)	6.4	(0.62)	5.6	(0.46)	6.2	(0.90)
District of Columbia	12.7	(1.42)	12.1	(0.78)	11.3	(0.98)	—	(†)	8.7	(0.92)	8.5	(0.30)	7.6	(0.27)
Florida	8.4	(0.44)	7.9	(0.45)	8.6	(0.57)	8.2	(0.39)	7.2	(0.31)	7.1	(0.37)	7.4	(0.42)
Georgia	8.2	(0.75)	8.3	(2.08)	8.1	(0.81)	8.2	(0.83)	11.7	(2.08)	7.2	(0.81)	—	(†)
Hawaii	—	(†)	6.8	(0.87)	6.4	(1.10)	7.7	(1.03)	6.3	(0.62)	—	(†)	—	(†)
Idaho	9.4	(0.82)	8.3	(0.59)	10.2	(1.07)	7.9	(0.62)	7.3	(0.99)	5.8	(0.59)	6.1	(0.48)
Illinois	—	(†)	—	(†)	7.8	(0.69)	8.8	(0.86)	7.6	(0.48)	8.5	(0.82)	6.6	(0.80)
Indiana	6.7	(0.91)	8.8	(0.96)	9.6	(0.68)	6.5	(0.66)	6.8	(1.14)	—	(†)	6.6	(1.02)
Iowa	—	(†)	7.8	(1.02)	7.1	(0.86)	—	(†)	6.3	(0.85)	—	(†)	—	(†)
Kansas	—	(†)	7.4	(0.82)	8.6	(1.12)	6.2	(0.62)	5.6	(0.68)	5.3	(0.65)	—	(†)
Kentucky	5.2	(0.72)	8.0	(0.75)	8.3	(0.53)	7.9	(1.00)	7.4	(0.98)	5.4	(0.57)	7.2	(0.87)
Louisiana	—	(†)	—	(†)	—	(†)	9.5	(1.29)	8.7	(1.18)	10.5	(0.99)	—	(†)
Maine	8.5	(0.78)	7.1	(0.68)	6.8	(0.84)	7.7	(0.32)	6.8	(0.26)	5.3	(0.29)	5.2	(0.36)
Maryland	—	(†)	11.7	(1.30)	9.6	(0.86)	9.1	(0.75)	8.4	(0.67)	9.4	(0.22)	7.3	(0.17)
Massachusetts	6.3	(0.54)	5.4	(0.44)	5.3	(0.47)	7.0	(0.58)	6.8	(0.67)	4.4	(0.38)	4.1	(0.46)
Michigan	9.7	(0.57)	8.6	(0.81)	8.1	(0.77)	9.4	(0.63)	6.8	(0.50)	6.7	(0.52)	6.6	(0.67)
Minnesota	—	(†)	—	(†)	—	(†)	—	(†)	—	(†)	—	(†)	—	(†)
Mississippi	6.6	(0.82)	—	(†)	8.3	(0.59)	8.0	(0.69)	7.5	(0.63)	8.8	(0.78)	10.1	(0.98)
Missouri	7.5	(0.93)	9.1	(1.19)	9.3	(1.03)	7.8	(0.76)	—	(†)	—	(†)	—	(†)
Montana	7.1	(0.46)	8.0	(0.64)	7.0	(0.51)	7.4	(0.99)	7.5	(0.53)	6.3	(0.40)	5.5	(0.48)
Nebraska	8.8	(0.80)	9.7	(0.68)	—	(†)	—	(†)	6.4	(0.54)	6.4	(0.57)	7.1	(0.83)
Nevada	6.0	(0.65)	8.1	(0.96)	7.8	(0.70)	10.7	(0.84)	—	(†)	6.4	(0.80)	6.9	(0.79)
New Hampshire	7.5	(0.98)	8.6	(0.91)	7.3	(0.69)	—	(†)	—	(†)	—	(†)	—	(†)
New Jersey	—	(†)	8.0	(1.07)	—	(†)	6.6	(0.75)	5.7	(0.51)	6.2	(0.81)	—	(†)
New Mexico	—	(†)	10.4	(0.96)	10.1	(0.68)	—	(†)	—	(†)	—	(†)	—	(†)
New York	7.2	(0.44)	7.2	(0.47)	7.3	(0.57)	7.5	(0.55)	7.3	(0.60)	7.3	(0.61)	8.4	(0.68)
North Carolina	7.2	(0.74)	7.9	(0.92)	6.6	(0.62)	6.8	(0.61)	9.1	(0.95)	6.9	(0.45)	4.9	(0.69)
North Dakota	5.9	(0.89)	6.6	(0.58)	5.2	(0.59)	—	(†)	—	(†)	—	(†)	—	(†)
Ohio <sup>2</sup>	7.7	(1.30)	8.2	(0.67)	8.3	(0.77)	—	(†)	—	(†)	—	(†)	—	(†)
Oklahoma	7.4	(1.10)	6.0	(0.65)	7.0	(0.72)	5.8	(0.66)	5.7	(0.88)	4.6	(0.53)	5.1	(0.78)
Oregon	—	(†)	—	(†)	—	(†)	—	(†)	—	(†)	—	(†)	—	(†)
Pennsylvania	—	(†)	—	(†)	—	(†)	5.6	(0.73)	—	(†)	—	(†)	5.0	(0.47)
Rhode Island	8.2	(0.84)	8.7	(0.87)	8.3	(0.42)	6.5	(0.65)	—	(†)	6.4	(0.51)	—	(†)
South Carolina	—	(†)	10.1	(0.93)	9.8	(0.85)	8.8	(1.48)	9.2	(0.92)	6.5	(0.83)	5.3	(0.73)
South Dakota <sup>3</sup>	6.5	(0.71)	8.1	(1.04)	5.9	(0.87)	6.8	(0.87)	6.1	(0.77)	5.0	(0.69)	7.3	(1.10)
Tennessee	8.4	(1.17)	7.4	(0.79)	7.3	(0.76)	7.0	(0.71)	5.8	(0.52)	9.3	(0.73)	10.2	(1.04)
Texas	—	(†)	9.3	(0.84)	8.7	(0.52)	7.2	(0.52)	6.8	(0.40)	7.1	(0.62)	—	(†)
Utah	7.3	(1.44)	9.8	(1.32)	11.4	(1.92)	7.7	(0.88)	7.0	(0.98)	5.5	(0.59)	—	(†)
Vermont <sup>4</sup>	7.3	(0.20)	6.3	(0.46)	6.2	(0.56)	6.0	(0.30)	5.5	(0.37)	6.4	(0.43)	5.3	(0.16)
Virginia	—	(†)	—	(†)	—	(†)	—	(†)	7.0	(0.86)	6.1	(0.43)	6.4	(0.62)
Washington	—	(†)	—	(†)	—	(†)	—	(†)	—	(†)	—	(†)	—	(†)
West Virginia	8.5	(1.26)	8.0	(0.78)	9.7	(0.77)	9.2	(0.77)	6.6	(0.93)	5.6	(0.51)	6.9	(0.58)
Wisconsin	5.5	(0.70)	7.6	(0.73)	5.6	(0.66)	6.7	(0.75)	5.1	(0.48)	4.3	(0.64)	—	(†)
Wyoming	9.7	(1.00)	7.8	(0.67)	8.3	(0.67)	9.4	(0.58)	7.3	(0.58)	6.8	(0.47)	6.6	(0.74)
Puerto Rico	—	(†)	6.3	(0.62)	—	(†)	—	(†)	4.9	(0.93)	4.1	(0.54)	4.7	(0.70)

—Not available.

†Not applicable.

<sup>1</sup>For the U.S. total, data for all years include both public and private schools and were collected through a national survey representing the entire country. The U.S. total includes only the 50 states and the District of Columbia.

<sup>2</sup>Ohio data for 2003 through 2013 include both public and private schools.

<sup>3</sup>South Dakota data for all years include both public and private schools.

<sup>4</sup>Vermont data for 2013 include both public and private schools.

NOTE: Survey respondents were asked about being threatened or injured “with a weapon such as a gun, knife, or club on school property.” “On school property” was not defined for respondents. For the U.S. total, data for all years include both public and private

schools. State-level data include public schools only, except where otherwise noted. For three states, data for one or more years include both public and private schools: Ohio (2003 through 2013), South Dakota (all years), and Vermont (2013 only). For specific states, a given year’s data may be unavailable (1) because the state did not participate in the survey that year; (2) because the state omitted this particular survey item from the state-level questionnaire; or (3) because the state had an overall response rate of less than 60 percent (the overall response rate is the school response rate multiplied by the student response rate).

SOURCE: Centers for Disease Control and Prevention, Division of Adolescent and School Health, Youth Risk Behavior Surveillance System (YRBSS), 2003 through 2015. (This table was prepared October 2017.)

**Table 228.70. Number and percentage of public school teachers who reported that they were threatened with injury or physically attacked by a student from school during the previous 12 months, by selected teacher characteristics: Selected years, 1993–94 through 2015–16**

[Standard errors appear in parentheses]

Year	Total	Sex		Race/ethnicity				Instructional level <sup>1</sup>	
		Male	Female	White	Black	Hispanic	Other <sup>2</sup>	Elementary	Secondary
1	2	3	4	5	6	7	8	9	10
<b>Number of teachers</b>									
<b>Threatened with injury</b>									
1993–94 .....	326,800 (7,040)	111,200 (3,830)	215,600 (5,380)	281,300 (6,220)	23,400 (1,360)	15,100 (1,770)	6,900 (650)	128,000 (4,450)	198,800 (5,150)
1999–2000 .....	287,400 (7,060)	89,600 (3,680)	197,800 (5,370)	237,100 (5,630)	27,200 (2,170)	16,300 (1,940)	6,700 (840)	138,000 (5,480)	149,300 (4,360)
2003–04 .....	242,100 (7,840)	75,300 (3,640)	166,800 (6,840)	189,800 (6,310)	31,900 (3,120)	11,800 (1,760)	8,600 (1,170)	108,800 (6,990)	133,300 (4,970)
2007–08 .....	276,600 (10,570)	85,200 (5,800)	191,500 (8,220)	223,200 (8,760)	27,600 (3,000)	17,400 (3,230)	8,400 (1,580)	123,800 (7,670)	152,800 (7,090)
2011–12 .....	338,400 (17,290)	79,800 (5,400)	258,600 (15,480)	266,800 (13,430)	33,400 (4,400)	26,600 (4,660)	11,600 (2,200)	184,000 (13,400)	154,400 (7,750)
2015–16 .....	373,900 (9,470)	94,100 (4,540)	279,800 (7,500)	298,500 (8,880)	29,800 (2,160)	28,600 (2,080)	17,100 (1,610)	205,100 (7,240)	168,900 (6,510)
<b>Physically attacked</b>									
1993–94 .....	112,400 (3,730)	28,700 (1,780)	83,700 (3,710)	96,300 (3,720)	7,600 (860)	5,900 (1,270)	2,600 (430)	71,600 (3,120)	40,700 (1,850)
1999–2000 .....	125,000 (4,630)	29,100 (2,010)	95,900 (4,230)	103,100 (3,590)	11,000 (1,550)	8,400 (1,640)	2,500 (450)	94,400 (4,180)	30,600 (2,240)
2003–04 .....	121,400 (7,180)	21,700 (2,420)	99,700 (6,100)	95,500 (5,450)	14,800 (2,320)	6,400 (1,820)	4,700 (1,050)	85,100 (6,380)	36,300 (3,310)
2007–08 .....	146,400 (8,200)	33,400 (4,750)	113,000 (6,250)	124,100 (6,990)	11,600 (2,330)	7,800 (1,990)	2,800 <sup>1</sup> (1,230)	109,100 (7,340)	37,300 (3,090)
2011–12 .....	197,400 (11,730)	29,500 (3,310)	167,900 (11,200)	160,700 (10,890)	18,000 (3,590)	11,300 (2,890)	7,400 (1,940)	153,800 (10,100)	43,600 (4,380)
2015–16 .....	220,300 (7,060)	35,100 (2,250)	185,200 (6,160)	177,400 (6,350)	14,600 (1,640)	16,600 (1,580)	11,700 (1,430)	174,700 (6,710)	45,600 (2,580)
<b>Percent of teachers</b>									
<b>Threatened with injury</b>									
1993–94 .....	12.8 (0.26)	16.0 (0.44)	11.5 (0.28)	12.7 (0.28)	12.4 (0.64)	13.9 (1.42)	14.5 (1.14)	9.6 (0.35)	16.2 (0.30)
1999–2000 .....	9.6 (0.22)	11.9 (0.44)	8.8 (0.23)	9.4 (0.22)	11.9 (0.91)	9.7 (1.12)	9.1 (1.12)	8.6 (0.34)	10.7 (0.29)
2003–04 .....	7.4 (0.24)	9.3 (0.43)	6.8 (0.28)	7.0 (0.24)	12.4 (1.03)	5.8 (0.90)	9.6 (1.24)	6.3 (0.39)	8.7 (0.29)
2007–08 .....	8.1 (0.30)	10.4 (0.68)	7.4 (0.31)	7.9 (0.30)	11.5 (0.99)	7.3 (1.34)	8.7 (1.54)	7.2 (0.43)	9.1 (0.41)
2011–12 .....	10.0 (0.48)	10.0 (0.56)	10.0 (0.57)	9.6 (0.47)	14.5 (1.84)	10.1 (1.70)	9.9 (1.69)	10.7 (0.76)	9.3 (0.38)
2015–16 .....	9.8 (0.21)	10.5 (0.43)	9.6 (0.22)	9.7 (0.25)	11.7 (0.72)	8.5 (0.58)	10.3 (0.94)	10.7 (0.30)	8.8 (0.26)
<b>Physically attacked</b>									
1993–94 .....	4.4 (0.14)	4.1 (0.24)	4.5 (0.20)	4.3 (0.17)	4.0 (0.43)	5.4 (1.09)	5.4 (0.82)	5.4 (0.22)	3.3 (0.15)
1999–2000 .....	4.2 (0.15)	3.9 (0.25)	4.3 (0.18)	4.1 (0.14)	4.8 (0.63)	5.0 (0.92)	3.4 (0.59)	5.9 (0.26)	2.2 (0.15)
2003–04 .....	3.7 (0.22)	2.7 (0.29)	4.1 (0.25)	3.5 (0.21)	5.8 (0.84)	3.2 (0.93)	5.3 (1.16)	5.0 (0.37)	2.4 (0.21)
2007–08 .....	4.3 (0.24)	4.1 (0.57)	4.4 (0.24)	4.4 (0.25)	4.9 (0.95)	3.3 (0.79)	3.0 <sup>1</sup> (1.09)	6.3 (0.44)	2.2 (0.18)
2011–12 .....	5.8 (0.33)	3.7 (0.39)	6.5 (0.41)	5.8 (0.38)	7.8 (1.52)	4.3 (1.05)	6.3 (1.53)	8.9 (0.57)	2.6 (0.24)
2015–16 .....	5.8 (0.17)	3.9 (0.24)	6.3 (0.19)	5.8 (0.19)	5.7 (0.61)	4.9 (0.45)	7.0 (0.84)	9.2 (0.30)	2.4 (0.13)

!Interpret data with caution. The coefficient of variation (CV) for this estimate is between 30 and 50 percent.

<sup>1</sup>Teachers were classified as elementary or secondary on the basis of the grades they taught, rather than the level of the school in which they taught. In general, elementary teachers include those teaching prekindergarten through grade 6 and those teaching multiple grades, with a preponderance of the grades taught being kindergarten through grade 6. In general, secondary teachers include those teaching any of grades 7 through 12 and those teaching multiple grades, with a preponderance of the grades taught being grades 7 through 12 and usually with no grade taught being lower than grade 5.

<sup>2</sup>Includes American Indian/Alaska Native, Asian, and Pacific Islander; for 2003–04 and later years, also includes Two or more races.

NOTE: Teachers who taught only prekindergarten students are excluded. Includes teachers in both traditional public schools and public charter schools. Instructional level divides teachers into elementary or secondary based on a combination of the grades taught, main teaching assignment, and the structure of the teachers' class(es). Race categories exclude persons of Hispanic ethnicity. Detail may not sum to totals because of rounding. Some data have been revised from previously published figures.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Schools and Staffing Survey (SASS), "Public School Teacher Data File," 1993–94, 1999–2000, 2003–04, 2007–08, and 2011–12; "Charter School Teacher Data File," 1999–2000; and National Teacher and Principal Survey (NTPS), "Public School Teacher Data File," 2015–16. (This table was prepared August 2017.)

**Table 228.80. Percentage of public school teachers who reported that they were threatened with injury or physically attacked by a student from school during the previous 12 months, by state: Selected years, 1993–94 through 2011–12**

[Standard errors appear in parentheses]

State	Threatened with injury					Physically attacked				
	1993–94	1999–2000	2003–04	2007–08	2011–12	1993–94	1999–2000	2003–04	2007–08	2011–12
1	2	3	4	5	6	7	8	9	10	11
<b>United States</b> .....	<b>12.8 (0.26)</b>	<b>9.6 (0.22)</b>	<b>7.4 (0.24)</b>	<b>8.1 (0.30)</b>	<b>10.0 (0.48)</b>	<b>4.4 (0.14)</b>	<b>4.2 (0.15)</b>	<b>3.7 (0.22)</b>	<b>4.3 (0.24)</b>	<b>5.8 (0.33)</b>
Alabama .....	13.3 (1.29)	8.8 (0.99)	6.1 (0.88)	6.8 (1.41)	7.6 (1.92)	3.2 (0.84)	3.8 (0.57)	2.7 (0.75)	3.2! (1.12)	3.1! (0.94)
Alaska .....	13.7 (0.92)	10.9 (0.80)	8.9 (1.25)	7.8 (1.24)	12.3 (2.82)	6.5 (0.48)	5.2 (0.51)	6.0 (0.94)	6.7 (1.50)	5.1! (1.78)
Arizona .....	13.0 (1.07)	9.5 (1.16)	6.8 (0.98)	6.4 (1.04)	9.1 (2.08)	3.6 (0.67)	4.5 (0.95)	2.6 (0.58)	4.9 (1.29)	4.7! (1.43)
Arkansas .....	13.8 (1.38)	10.1 (1.18)	4.8 (0.81)	5.9 (1.18)	7.8 (1.48)	3.0 (0.67)	2.5 (0.59)	2.7 (0.72)	4.1 (1.07)	5.2! (1.80)
California .....	7.4 (0.91)	5.8 (0.70)	6.0 (1.00)	8.5 (1.31)	7.7 (1.17)	2.9 (0.61)	2.5 (0.46)	2.0 (0.53)	3.6 (0.78)	4.4 (0.95)
Colorado .....	13.1 (1.29)	6.6 (0.97)	3.8 (0.82)	6.8 (1.64)	7.3 (1.69)	4.9 (0.82)	3.1 (0.60)	1.5! (0.45)	4.7 (1.33)	3.6! (1.26)
Connecticut .....	11.8 (0.86)	9.1 (0.88)	6.9 (1.28)	7.2 (1.39)	7.5! (3.03)	3.5 (0.46)	4.1 (0.55)	2.8 (0.70)	3.3! (1.04)	6.2! (2.91)
Delaware .....	18.7 (1.56)	11.4 (1.37)	7.7 (1.35)	11.7 (1.93)	15.8 (3.49)	7.2 (1.10)	5.3 (0.92)	3.2! (1.00)	5.4 (1.46)	9.8 (2.80)
District of Columbia .....	24.0 (1.80)	22.3 (1.30)	17.3 (2.63)	16.9 (3.06)	† (†)	8.3 (1.34)	9.1 (0.83)	5.2 (1.24)	7.3 (2.00)	† (†)
Florida .....	20.1 (1.65)	12.2 (1.07)	11.2 (1.26)	11.4 (2.11)	† (†)	4.9 (0.78)	6.7 (0.91)	6.5 (1.58)	4.0 (1.04)	† (†)
Georgia .....	14.0 (1.29)	9.5 (1.42)	6.4 (1.21)	5.8 (1.18)	9.5! (2.98)	3.4 (0.66)	3.6 (0.84)	4.6 (1.30)	4.0 (1.04)	6.3! (2.60)
Hawaii .....	9.9 (1.48)	9.4 (0.99)	9.0 (1.33)	8.0 (1.84)	† (†)	2.9 (0.57)	3.2 (0.57)	5.7 (1.18)	4.5 (1.30)	† (†)
Idaho .....	9.7 (1.02)	7.8 (0.44)	5.4 (0.98)	5.9 (1.24)	6.7 (1.42)	4.2 (0.76)	4.3 (0.39)	2.5! (0.75)	2.9! (0.87)	3.6! (1.34)
Illinois .....	10.9 (0.76)	8.2 (0.89)	7.9 (1.60)	8.1 (1.42)	7.3 (1.41)	4.5 (0.50)	2.7 (0.39)	2.3! (0.77)	3.9 (0.90)	4.1 (1.11)
Indiana .....	13.8 (1.28)	7.6 (1.12)	7.2 (1.18)	10.2 (1.78)	11.2 (2.87)	3.0 (0.66)	3.0 (0.75)	4.1! (1.28)	4.7 (0.93)	6.4 (1.88)
Iowa .....	9.4 (1.19)	10.7 (0.93)	4.9 (1.13)	7.2 (1.32)	11.7 (2.43)	4.3 (0.88)	3.9 (0.73)	2.4 (0.64)	3.4 (0.93)	7.6 (2.11)
Kansas .....	10.9 (0.91)	6.0 (0.78)	3.9 (0.81)	5.7 (1.07)	7.2 (1.66)	3.8 (0.61)	2.9 (0.55)	3.3 (0.79)	5.0 (1.36)	5.5! (1.77)
Kentucky .....	14.0 (1.33)	12.6 (1.22)	7.8 (1.46)	9.8 (1.86)	10.6 (1.48)	3.8 (0.72)	4.5 (0.62)	2.7 (0.79)	5.8 (1.60)	7.0 (1.25)
Louisiana .....	17.0 (1.17)	13.4 (2.31)	9.8 (1.42)	10.3 (2.35)	18.3 (2.95)	6.6 (0.82)	5.0 (1.31)	2.7 (0.69)	4.0! (1.40)	7.2! (2.27)
Maine .....	9.0 (1.11)	11.7 (1.13)	5.2 (1.09)	9.5 (1.49)	9.1 (1.98)	2.4 (0.62)	6.3 (0.96)	3.3! (1.00)	5.2 (1.37)	5.2 (1.55)
Maryland .....	19.8 (2.15)	10.7 (1.31)	13.5 (2.24)	12.6 (2.47)	† (†)	8.6 (1.34)	4.6 (0.93)	6.5 (1.40)	8.4 (1.57)	† (†)
Massachusetts .....	10.8 (0.83)	11.3 (1.48)	6.4 (1.23)	9.7 (1.98)	6.2 (1.69)	4.7 (0.64)	4.3 (0.67)	3.8 (0.75)	4.1 (0.93)	5.3 (1.51)
Michigan .....	10.7 (1.54)	8.0 (0.93)	9.2 (1.55)	6.0 (1.15)	11.8 (1.62)	6.4 (1.13)	3.8 (0.91)	5.4 (1.04)	3.5! (1.32)	9.0 (2.00)
Minnesota .....	9.6 (1.13)	9.5 (1.11)	8.1 (1.17)	7.3 (1.16)	11.4 (1.49)	4.5 (0.85)	4.4 (1.04)	3.6 (0.68)	6.5 (1.38)	6.5 (1.27)
Mississippi .....	13.4 (1.48)	11.1 (0.99)	5.5 (0.92)	10.7 (1.59)	7.7 (1.42)	4.1 (0.78)	3.7 (0.58)	0.9! (0.34)	2.9 (0.83)	3.1! (1.14)
Missouri .....	12.6 (1.11)	11.3 (1.73)	8.3 (1.27)	8.7 (1.17)	12.3 (2.25)	3.2 (0.73)	5.6 (1.41)	5.5 (1.43)	5.3 (1.15)	7.5 (1.73)
Montana .....	7.7 (0.58)	8.3 (0.97)	6.0 (0.78)	6.3 (1.25)	7.6 (2.24)	2.7 (0.48)	2.7 (0.38)	1.9 (0.47)	4.0 (0.81)	4.2! (1.37)
Nebraska .....	10.4 (0.61)	9.9 (0.70)	7.5 (1.12)	7.2 (1.27)	8.0 (1.46)	3.6 (0.64)	3.8 (0.57)	4.1 (0.89)	4.2 (1.11)	5.8 (1.36)
Nevada .....	13.2 (1.22)	11.6 (1.34)	7.3 (1.89)	9.2 (2.21)	9.1 (2.65)	4.5 (0.86)	8.1 (1.07)	4.1! (1.28)	3.7! (1.41)	4.7! (2.25)
New Hampshire .....	11.1 (1.30)	8.8 (1.43)	5.8 (1.37)	6.5 (1.47)	5.6! (2.11)	3.0 (0.70)	4.2 (1.09)	2.8! (0.91)	2.2! (0.91)	† (†)
New Jersey .....	7.9 (0.87)	7.5 (0.80)	4.3 (1.20)	4.6 (1.26)	6.9 (1.08)	2.4 (0.45)	3.4 (0.78)	2.0! (0.67)	2.2! (0.82)	3.6 (0.97)
New Mexico .....	12.8 (1.27)	10.2 (1.75)	7.8 (1.25)	12.8 (1.85)	10.0 (2.76)	4.4 (0.72)	6.8 (1.77)	5.9 (0.97)	4.5 (1.33)	9.9! (3.17)
New York .....	16.2 (1.32)	11.5 (1.06)	10.4 (1.62)	10.5 (1.85)	11.9 (1.86)	6.7 (0.97)	5.2 (0.79)	6.5 (1.12)	6.4 (1.56)	7.0 (1.48)
North Carolina .....	17.1 (1.32)	12.8 (1.63)	8.7 (1.44)	9.6 (1.71)	13.4 (2.79)	6.0 (0.95)	5.5 (1.23)	4.4 (0.95)	5.9! (1.84)	6.3 (1.58)
North Dakota .....	5.5 (0.62)	5.7 (0.57)	5.0 (0.95)	2.5 (0.70)	6.1 (1.48)	2.9 (0.66)	2.1 (0.37)	2.1 (0.49)	1.6! (0.50)	3.3! (1.06)
Ohio .....	15.2 (1.48)	9.6 (1.35)	6.2 (1.14)	8.7 (1.59)	9.9 (1.20)	3.6 (0.69)	2.9 (0.83)	2.5! (0.83)	2.2! (0.70)	3.9 (0.88)
Oklahoma .....	11.0 (1.21)	8.5 (1.17)	6.0 (0.79)	7.4 (0.87)	9.6 (2.12)	4.1 (0.81)	4.5 (1.12)	3.0 (0.53)	3.2 (0.63)	6.2 (1.66)
Oregon .....	11.5 (1.00)	6.9 (1.33)	5.5 (1.11)	6.3 (1.30)	5.3 (1.56)	3.4 (0.64)	3.0 (0.60)	1.4! (0.55)	3.9! (1.18)	3.4! (1.27)
Pennsylvania .....	11.0 (1.75)	9.5 (1.28)	9.5 (1.29)	4.6 (1.04)	10.1 (1.54)	3.6 (1.02)	4.5 (0.97)	5.0 (0.82)	3.8 (0.90)	4.4 (0.99)
Rhode Island .....	13.4 (1.78)	10.2 (0.64)	4.6! (1.39)	8.6 (2.13)	† (†)	4.2 (0.91)	4.8 (0.59)	2.4! (0.92)	† (†)	† (†)
South Carolina .....	15.2 (1.62)	11.5 (1.10)	8.5 (1.30)	8.5 (1.46)	13.1 (2.70)	3.8 (0.92)	5.3 (0.94)	3.1 (0.82)	2.9! (1.18)	† (†)
South Dakota .....	6.5 (0.83)	7.7 (0.91)	4.7 (1.23)	6.9 (1.88)	10.0 (2.28)	2.6 (0.46)	3.9 (0.50)	2.9 (0.79)	4.3 (0.88)	5.2! (1.66)
Tennessee .....	12.4 (1.45)	13.3 (1.65)	6.5 (1.24)	7.7 (1.26)	9.4 (2.11)	3.5 (0.91)	2.6 (0.67)	3.7 (1.02)	4.1 (1.11)	3.2! (1.04)
Texas .....	12.6 (1.15)	8.9 (0.89)	7.6 (1.13)	7.6 (1.31)	10.0 (1.81)	4.2 (0.65)	4.8 (0.75)	3.9 (0.92)	4.2 (1.18)	5.7 (1.30)
Utah .....	11.1 (0.87)	8.0 (1.15)	5.2 (0.82)	5.7 (1.18)	7.2 (1.96)	7.2 (0.72)	2.6 (0.58)	4.1 (0.90)	3.8! (1.26)	5.4 (1.53)
Vermont .....	12.4 (1.28)	9.9 (1.46)	4.9 (1.18)	7.6 (1.82)	8.7 (1.86)	8.6 (1.38)	5.3 (0.94)	1.8! (0.90)	4.2 (1.22)	5.3 (1.29)
Virginia .....	14.9 (1.37)	12.1 (1.19)	6.5 (1.11)	8.1 (1.38)	9.9 (1.58)	6.9 (1.23)	4.9 (0.76)	2.9! (0.88)	6.0 (1.32)	6.5 (1.68)
Washington .....	13.0 (1.33)	10.0 (0.98)	6.7 (1.29)	7.0 (1.34)	7.4 (1.36)	4.9 (0.74)	5.0 (0.61)	4.1 (0.85)	4.4 (1.28)	6.8 (1.80)
West Virginia .....	11.7 (0.86)	10.0 (1.19)	7.4 (1.13)	8.1 (1.67)	9.4 (2.08)	3.4 (0.67)	3.4 (0.67)	3.4 (0.82)	4.0 (1.07)	4.3! (1.72)
Wisconsin .....	13.7 (1.82)	10.1 (0.99)	4.7 (0.99)	8.8 (1.51)	13.7 (2.37)	3.9 (0.77)	4.4 (0.79)	2.5 (0.71)	6.5 (1.29)	11.3 (2.56)
Wyoming .....	9.0 (0.79)	6.7 (0.96)	3.8! (1.31)	5.1 (1.00)	10.9 (3.10)	2.7 (0.49)	2.6 (0.47)	2.5! (1.04)	3.0 (0.86)	† (†)

†Not applicable.

!Interpret data with caution. The coefficient of variation (CV) for this estimate is between 30 and 50 percent.

‡Reporting standards not met. Data may be suppressed because the response rate is under 50 percent, there are too few cases for a reliable estimate, or the coefficient of variation (CV) is 50 percent or greater.

NOTE: Teachers who taught only prekindergarten students are excluded. Includes traditional public and public charter schools. Detail may not sum to totals because of rounding. Some data have been revised from previously published figures.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Schools and Staffing Survey (SASS), "Public School Teacher Data File," 1993–94, 1999–2000, 2003–04, 2007–08, and 2011–12; and "Charter School Teacher Data File," 1999–2000. (This table was prepared October 2013.)

**Table 228.99. Percentage distribution of students in grades 9–12 and percentage reporting selected types of victimization or risk behaviors, by sex and sexual orientation: 2015**

[Standard errors appear in parentheses]

Type of victimization or risk behavior	Total			Male			Female		
	Heterosexual	Gay, lesbian, or bisexual	Not sure	Heterosexual	Gay, lesbian, or bisexual	Not sure	Heterosexual	Gay, lesbian, or bisexual	Not sure
1	2	3	4	5	6	7	8	9	10
<b>Percentage distribution of all students</b> .....	<b>88.8 (0.69)</b>	<b>8.0 (0.54)</b>	<b>3.2 (0.24)</b>	<b>93.1 (0.62)</b>	<b>4.3 (0.50)</b>	<b>2.6 (0.25)</b>	<b>84.5 (1.10)</b>	<b>11.8 (0.89)</b>	<b>3.7 (0.36)</b>
<b>Percent of students reporting victimization or risk behavior</b>									
<b>Total, any listed type</b> .....	<b>64.2 (1.11)</b>	<b>77.6 (1.78)</b>	<b>69.3 (2.34)</b>	<b>66.7 (1.30)</b>	<b>71.0 (3.42)</b>	<b>73.8 (4.27)</b>	<b>61.4 (1.34)</b>	<b>79.7 (2.11)</b>	<b>64.7 (3.23)</b>
Bullied <sup>1</sup> on school property <sup>2</sup> during the previous 12 months .....	18.8 (0.76)	34.2 (2.32)	24.9 (1.81)	15.0 (0.69)	26.3 (3.79)	31.7 (3.84)	23.2 (1.11)	37.2 (2.30)	19.1 (2.43)
Electronically bullied <sup>3</sup> during the previous 12 months .....	14.2 (0.56)	28.0 (2.06)	22.5 (2.36)	8.7 (0.69)	22.4 (3.42)	22.3 (4.50)	20.6 (0.87)	30.5 (2.32)	20.4 (2.67)
In a physical fight one or more times during the previous 12 months									
Anywhere <sup>4</sup> .....	21.7 (0.78)	28.4 (2.34)	34.5 (4.44)	28.3 (1.05)	23.1 (3.32)	44.2 (5.89)	14.2 (0.92)	30.0 (2.96)	26.1 (4.77)
On school property <sup>2</sup> .....	7.1 (0.51)	11.2 (1.22)	14.6 (2.38)	9.7 (0.84)	13.5 (2.51)	19.1 (4.08)	4.0 (0.37)	10.4 (1.41)	9.5 (2.19)
Threatened or injured with a weapon <sup>5</sup> on school property <sup>2</sup> one or more times during the previous 12 months .....	5.1 (0.36)	10.0 (1.19)	12.6 (2.03)	6.2 (0.50)	11.6 (2.45)	17.2 (3.94)	3.8 (0.41)	9.1 (1.42)	7.2 ! (2.55)
Carried a weapon <sup>6</sup> at least 1 day during the previous 30 days									
Anywhere <sup>4</sup> .....	16.0 (0.96)	18.9 (2.07)	14.7 (3.00)	24.5 (1.37)	23.7 (3.94)	20.0 (4.78)	6.2 (0.75)	16.0 (2.00)	10.9 (2.58)
On school property <sup>2</sup> .....	3.7 (0.31)	6.2 (1.18)	7.1 (1.88)	5.7 (0.52)	7.4 (1.93)	10.1 (2.82)	1.4 (0.21)	5.5 (1.33)	4.4 ! (1.37)
Used alcohol anywhere <sup>4</sup> at least 1 day during the previous 30 days .....	32.1 (1.30)	40.5 (2.07)	34.6 (2.81)	32.0 (0.91)	37.9 (3.94)	36.4 (4.23)	32.3 (2.17)	41.8 (2.54)	33.2 (3.98)
Used marijuana one or more times anywhere <sup>4</sup> during the previous 30 days .....	20.7 (1.29)	32.0 (1.64)	26.0 (2.28)	23.2 (1.56)	25.5 (3.40)	29.8 (4.54)	17.8 (1.34)	34.3 (1.82)	23.3 (2.60)
Offered, sold, or given an illegal drug on school property <sup>2</sup> during the previous 12 months .....	20.8 (1.24)	29.3 (2.03)	28.4 (3.03)	23.9 (1.29)	28.7 (3.45)	31.3 (4.83)	17.1 (1.34)	29.8 (2.44)	25.9 (2.95)

!Interpret data with caution. The coefficient of variation (CV) for this estimate is between 30 and 50 percent.  
<sup>1</sup>Bullying was defined for respondents as “when one or more students tease, threaten, spread rumors about, hit, shove, or hurt another student over and over again.”  
<sup>2</sup>“On school property” was not defined for survey respondents.  
<sup>3</sup>Being electronically bullied includes “being bullied through e-mail, chat rooms, instant messaging, websites, or texting.”  
<sup>4</sup>The term “anywhere” is not used in the Youth Risk Behavior Survey (YRBS) questionnaire; students were simply asked how many times or how many days they engaged in the specified behavior.

<sup>5</sup>Survey respondents were asked about being threatened or injured “with a weapon such as a gun, knife, or club.”  
<sup>6</sup>Respondents were asked about carrying “a weapon such as a gun, knife, or club.”  
 NOTE: Students were asked which sexual orientation—“heterosexual (straight),” “gay or lesbian,” “bisexual,” or “not sure”—best described them.  
 SOURCE: Centers for Disease Control and Prevention, Division of Adolescent and School Health, Youth Risk Behavior Surveillance System (YRBSS), 2015. (This table was prepared September 2016.)

**Table 229.10. Percentage of public schools recording incidents of crime at school and reporting incidents to police, number of incidents, and rate per 1,000 students, by type of crime: Selected years, 1999–2000 through 2015–16**

[Standard errors appear in parentheses]

Type of crime recorded or reported to police	Percent of schools						2015–16		
	1999–2000	2003–04	2005–06	2007–08	2009–10	2013–14 <sup>1</sup>	Percent of schools	Number of incidents	Rate per 1,000 students
1	2	3	4	5	6	7	8	9	10
<b>Recorded incidents</b>									
<b>Total</b> .....	<b>86.4 (1.23)</b>	<b>88.5 (0.85)</b>	<b>85.7 (1.07)</b>	<b>85.5 (0.87)</b>	<b>85.0 (1.07)</b>	<b>— (†)</b>	<b>78.9 (1.28)</b>	<b>1,381,200 (42,660)</b>	<b>28.0 (0.90)</b>
<b>Violent incidents</b> .....	<b>71.4 (1.37)</b>	<b>81.4 (1.05)</b>	<b>77.7 (1.11)</b>	<b>75.5 (1.09)</b>	<b>73.8 (1.07)</b>	<b>65.0 (1.46)</b>	<b>68.9 (1.30)</b>	<b>864,900 (42,950)</b>	<b>17.5 (0.89)</b>
Serious violent incidents .....	19.7 (0.98)	18.3 (0.99)	17.1 (0.91)	17.2 (1.06)	16.4 (0.94)	13.1 (1.00)	15.5 (0.93)	40,800 (3,460)	0.8 (0.07)
Rape or attempted rape .....	0.7 (0.10)	0.8 (0.17)	0.3 (0.07)	0.8 (0.17)	0.5 (0.10)	0.2! (0.10)	0.9 (0.19)	1,100 (190)	# (†)
Sexual assault other than rape <sup>2</sup> .....	2.5 (0.33)	3.0 (0.32)	2.8 (0.24)	2.5 (0.33)	2.3 (0.34)	1.7 (0.37)	3.4 (0.38)	6,100 (1,360)	0.1 (0.03)
Physical attack or fight with a weapon .....	5.2 (0.60)	4.0 (0.46)	3.0 (0.38)	3.0 (0.33)	3.9 (0.48)	1.8 (0.34)	2.6 (0.38)	5,300 (1,280)	0.1 (0.03)
Threat of physical attack with a weapon .....	11.1 (0.70)	8.6 (0.71)	8.8 (0.66)	9.3 (0.77)	7.7 (0.72)	8.7 (0.78)	8.5 (0.79)	18,300 (2,420)	0.4 (0.05)
Robbery with a weapon .....	0.5! (0.15)	0.6 (0.15)	0.4 (0.12)	0.4! (0.14)	0.2 (0.05)	‡ (†)	0.5! (0.16)	600 (160)	# (†)
Robbery without a weapon .....	5.3 (0.56)	6.3 (0.60)	6.4 (0.59)	5.2 (0.56)	4.4 (0.49)	2.5 (0.42)	2.7 (0.36)	9,500 (1,440)	0.2 (0.03)
Physical attack or fight without a weapon .....	63.7 (1.52)	76.7 (1.21)	74.3 (1.20)	72.7 (1.07)	70.5 (1.11)	57.5 (1.43)	64.9 (1.28)	567,000 (36,780)	11.5 (0.75)
Threat of physical attack without a weapon .....	52.2 (1.47)	53.0 (1.34)	52.2 (1.27)	47.8 (1.19)	46.4 (1.33)	47.1 (1.50)	39.4 (1.48)	257,000 (15,630)	5.2 (0.33)
<b>Theft<sup>3</sup></b> .....	<b>45.6 (1.37)</b>	<b>46.0 (1.29)</b>	<b>46.0 (1.07)</b>	<b>47.3 (1.29)</b>	<b>44.1 (1.31)</b>	<b>— (†)</b>	<b>38.7 (1.29)</b>	<b>166,000 (5,190)</b>	<b>3.4 (0.11)</b>
<b>Other incidents<sup>4</sup></b> .....	<b>72.7 (1.30)</b>	<b>64.0 (1.27)</b>	<b>68.2 (1.07)</b>	<b>67.4 (1.13)</b>	<b>68.1 (1.12)</b>	<b>— (†)</b>	<b>58.5 (1.68)</b>	<b>350,400 (10,710)</b>	<b>7.1 (0.22)</b>
Possession of a firearm/explosive device .....	5.5 (0.44)	6.1 (0.49)	7.2 (0.60)	4.7 (0.38)	4.7 (0.52)	— (†)	4.0 (0.50)	10,500! (3,220)	0.2! (0.06)
Possession of a knife or sharp object .....	42.6 (1.28)	— (†)	42.8 (1.23)	40.6 (1.10)	39.7 (1.06)	— (†)	38.4 (1.26)	70,600 (3,210)	1.4 (0.07)
Distribution of illegal drugs <sup>5</sup> .....	12.3 (0.50)	12.9 (0.55)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)
Possession or use of alcohol or illegal drugs <sup>5</sup> .....	26.6 (0.72)	29.3 (0.87)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)
Distribution, possession, or use of illegal drugs <sup>6</sup> ..	— (†)	— (†)	25.9 (0.68)	23.2 (0.68)	24.6 (0.57)	— (†)	24.9 (0.85)	112,100 (4,250)	2.3 (0.09)
Inappropriate distribution, possession, or use of prescription drugs <sup>7</sup> .....	— (†)	— (†)	— (†)	— (†)	12.1 (0.47)	— (†)	9.5 (0.55)	20,100 (1,580)	0.4 (0.03)
Distribution, possession, or use of alcohol <sup>8</sup> .....	— (†)	— (†)	16.2 (0.68)	14.9 (0.57)	14.1 (0.50)	— (†)	13.3 (0.50)	29,900 (1,620)	0.6 (0.03)
Sexual harassment .....	36.3 (1.26)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)
Vandalism .....	51.4 (1.61)	51.4 (1.17)	50.5 (1.17)	49.3 (1.16)	45.8 (1.12)	— (†)	33.4 (1.25)	107,200 (7,040)	2.2 (0.14)
<b>Reported incidents to police</b>									
<b>Total</b> .....	<b>62.5 (1.37)</b>	<b>65.2 (1.35)</b>	<b>60.9 (1.15)</b>	<b>62.0 (1.24)</b>	<b>60.0 (1.58)</b>	<b>— (†)</b>	<b>47.4 (1.54)</b>	<b>448,900 (13,330)</b>	<b>9.1 (0.27)</b>
<b>Violent incidents</b> .....	<b>36.0 (0.82)</b>	<b>43.6 (1.15)</b>	<b>37.7 (1.09)</b>	<b>37.8 (1.16)</b>	<b>39.9 (1.13)</b>	<b>— (†)</b>	<b>32.7 (1.13)</b>	<b>195,600 (9,620)</b>	<b>4.0 (0.20)</b>
Serious violent incidents .....	14.8 (0.10)	13.3 (0.88)	12.6 (0.70)	12.6 (0.86)	10.4 (0.62)	— (†)	10.0 (0.68)	20,000 (1,700)	0.4 (0.04)
Rape or attempted rape .....	0.6 (0.34)	0.8 (0.17)	0.3 (0.07)	0.8 (0.17)	0.5 (0.10)	— (†)	0.7 (0.14)	900 (160)	# (†)
Sexual assault other than rape <sup>2</sup> .....	2.3 (0.50)	2.6 (0.28)	2.6 (0.26)	2.1 (0.29)	1.4 (0.20)	— (†)	2.7 (0.28)	3,600 (490)	0.1 (0.01)
Physical attack or fight with a weapon .....	3.9 (0.59)	2.8 (0.38)	2.2 (0.27)	2.1 (0.27)	2.2 (0.32)	— (†)	1.3 (0.24)	2,500! (830)	0.1! (0.02)
Threat of physical attack with a weapon .....	8.5 (0.09)	6.0 (0.55)	5.9 (0.49)	5.7 (0.59)	4.5 (0.43)	— (†)	5.3 (0.53)	7,500 (770)	0.2 (0.02)
Robbery with a weapon .....	0.3! (0.41)	0.6 (0.15)	0.4 (0.12)	0.4! (0.14)	0.2 (0.05)	— (†)	0.3! (0.13)	400! (140)	# (†)
Robbery without a weapon .....	3.4 (0.91)	4.2 (0.51)	4.9 (0.48)	4.1 (0.42)	3.5 (0.40)	— (†)	1.9 (0.28)	5,000 (690)	0.1 (0.01)
Physical attack or fight without a weapon .....	25.8 (0.94)	35.6 (0.98)	29.2 (1.00)	28.2 (0.90)	34.3 (0.90)	— (†)	25.1 (1.03)	121,500 (8,560)	2.5 (0.18)
Threat of physical attack without a weapon .....	18.9 (0.94)	21.0 (0.82)	19.7 (0.69)	19.5 (0.76)	15.2 (0.79)	— (†)	12.9 (0.65)	54,200 (3,680)	1.1 (0.07)

See notes at end of table.

**Table 229.10. Percentage of public schools recording incidents of crime at school and reporting incidents to police, number of incidents, and rate per 1,000 students, by type of crime: Selected years, 1999–2000 through 2015–16—Continued**

[Standard errors appear in parentheses]

Type of crime recorded or reported to police	Percent of schools						2015–16		
	1999–2000	2003–04	2005–06	2007–08	2009–10	2013–14 <sup>1</sup>	Percent of schools	Number of incidents	Rate per 1,000 students
1	2	3	4	5	6	7	8	9	10
<b>Theft<sup>3</sup></b> .....	<b>28.5</b> (1.04)	<b>30.5</b> (1.17)	<b>27.9</b> (0.97)	<b>31.0</b> (1.12)	<b>25.4</b> (1.01)	— (†)	<b>18.1</b> (0.80)	<b>71,600</b> (3,280)	<b>1.5</b> (0.07)
<b>Other incidents<sup>4</sup></b> .....	<b>52.0</b> (1.14)	<b>50.0</b> (1.18)	<b>50.6</b> (1.00)	<b>48.7</b> (1.17)	<b>46.3</b> (1.23)	— (†)	<b>33.5</b> (1.15)	<b>181,700</b> (5,500)	<b>3.7</b> (0.11)
Possession of a firearm/explosive device .....	4.5 (0.41)	4.9 (0.44)	5.5 (0.51)	3.6 (0.32)	3.1 (0.39)	— (†)	1.9 (0.29)	7,500! (2,760)	0.2! (0.06)
Possession of a knife or sharp object .....	23.0 (0.84)	— (†)	25.0 (1.00)	23.3 (0.69)	20.0 (0.88)	— (†)	15.8 (0.66)	27,700 (1,330)	0.6 (0.03)
Distribution of illegal drugs <sup>5</sup> .....	11.4 (0.48)	12.4 (0.57)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)
Possession or use of alcohol or illegal drugs <sup>5</sup> .....	22.2 (0.67)	26.0 (0.76)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)
Distribution, possession, or use of illegal drugs <sup>6</sup> ..	— (†)	— (†)	22.8 (0.62)	20.7 (0.60)	21.4 (0.57)	— (†)	19.9 (0.71)	82,200 (3,300)	1.7 (0.07)
Inappropriate distribution, possession, or use of prescription drugs <sup>7</sup> .....	— (†)	— (†)	— (†)	— (†)	9.6 (0.42)	— (†)	7.4 (0.56)	15,100 (1,270)	0.3 (0.03)
Distribution, possession, or use of alcohol <sup>6</sup> .....	— (†)	— (†)	11.6 (0.61)	10.6 (0.55)	10.0 (0.41)	— (†)	8.6 (0.41)	17,800 (1,330)	0.4 (0.03)
Sexual harassment .....	14.7 (0.78)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)
Vandalism .....	32.7 (1.10)	34.3 (1.06)	31.9 (1.02)	30.8 (1.18)	26.8 (1.09)	— (†)	12.9 (0.86)	31,600 (2,370)	0.6 (0.05)

—Not available.

†Not applicable.

#Rounds to zero.

<sup>1</sup>Interpret data with caution. The coefficient of variation (CV) for this estimate is between 30 and 50 percent.

<sup>2</sup>Reporting standards not met. Either there are too few cases for a reliable estimate or the coefficient of variation (CV) is 50 percent or greater.

<sup>3</sup>Data for 2013–14 were collected using the Fast Response Survey System (FRSS), while data for all other years were collected using the School Survey on Crime and Safety (SSOCS). The 2013–14 FRSS survey was designed to allow comparisons with SSOCS data. However, respondents to the 2013–14 survey could choose either to complete the survey on paper (and mail it back) or to complete the survey online, whereas respondents to SSOCS did not have the option of completing the survey online. The 2013–14 survey also relied on a smaller sample. The smaller sample size and difference in survey administration may have impacted the 2013–14 results.

<sup>4</sup>Prior to 2015–16, the wording of the survey item was “sexual battery other than rape.”

<sup>5</sup>Theft/larceny (taking things worth over \$10 without personal confrontation) was defined for respondents as “the unlawful taking of another person’s property without personal confrontation, threat, violence, or bodily harm.” This includes pocket picking, stealing a purse or backpack (if left unattended or no force was used to take it from owner), theft from a building, theft from a motor vehicle or motor vehicle parts or accessories, theft of a bicycle, theft from a vending machine, and all other types of thefts.

<sup>6</sup>Caution should be used when making direct comparisons of “Other incidents” between years because the survey questions about alcohol and drugs changed, as outlined in footnotes 5, 6, and 7.

<sup>5</sup>The survey items “Distribution of illegal drugs” and “Possession or use of alcohol or illegal drugs” appear only on the 1999–2000 and 2003–04 questionnaires. Different alcohol- and drug-related survey items were used on the SSOCS questionnaires for later years.

<sup>6</sup>The survey items “Distribution, possession, or use of illegal drugs” and “Distribution, possession, or use of alcohol” appear only on the SSOCS questionnaires for 2005–06 and later years.

<sup>7</sup>The survey item “Inappropriate distribution, possession, or use of prescription drugs” appears only on the 2009–10 and 2015–16 questionnaires.

NOTE: Responses were provided by the principal or the person most knowledgeable about crime and safety issues at the school. “At school” was defined to include activities that happen in school buildings, on school grounds, on school buses, and at places that hold school-sponsored events or activities. Respondents were instructed to include incidents that occurred before, during, and after normal school hours or when school activities or events were in session. Detail may not sum to totals because of rounding and because schools that recorded or reported more than one type of crime incident were counted only once in the total percentage of schools recording or reporting incidents.

SOURCE: U.S. Department of Education, National Center for Education Statistics, 1999–2000, 2003–04, 2005–06, 2007–08, 2009–10, and 2015–16 School Survey on Crime and Safety (SSOCS), 2000, 2004, 2006, 2008, 2010, and 2016; and Fast Response Survey System (FRSS), “School Safety and Discipline: 2013–14,” FRSS 106, 2014. (This table was prepared September 2017.)

**Table 229.20. Rate of crime incidents at school per 1,000 students recorded by public schools and reported to police by public schools, by school level, percentage of students eligible for free or reduced-price lunch, and type of crime: Selected years, 2005–06 through 2015–16**

[Standard errors appear in parentheses]

Type of crime recorded or reported to police	Rate of crime incidents at school per 1,000 students <sup>1</sup>													
					2015–16									
	2005–06	2007–08	2009–10	Total	School level <sup>2</sup>			Percent of students eligible for free or reduced-price lunch						
					Primary	Middle	High school	0 to 25	26 to 50	51 to 75	76 to 100			
1	2	3	4	5	6	7	8	9	10	11	12			
<b>Incidents recorded</b>														
<b>Total</b>	<b>45.8 (0.96)</b>	<b>42.7 (1.34)</b>	<b>39.6 (1.04)</b>	<b>28.0 (0.90)</b>	<b>18.8 (1.56)</b>	<b>39.2 (2.03)</b>	<b>36.7 (1.30)</b>	<b>14.6 (1.41)</b>	<b>25.6 (1.75)</b>	<b>29.7 (1.60)</b>	<b>38.7 (2.49)</b>			
<b>Violent incidents</b>	<b>31.2 (0.82)</b>	<b>27.9 (1.28)</b>	<b>25.0 (0.91)</b>	<b>17.5 (0.89)</b>	<b>14.7 (1.49)</b>	<b>27.1 (1.78)</b>	<b>16.2 (0.72)</b>	<b>8.3 (1.33)</b>	<b>15.0 (1.62)</b>	<b>17.6 (1.23)</b>	<b>26.7 (2.42)</b>			
Serious violent incidents	1.2 (0.14)	1.2 (0.14)	1.1 (0.12)	0.8 (0.07)	0.5 (0.10)	1.3 (0.20)	1.0 (0.09)	0.3 (0.04)	0.8 (0.12)	0.9 (0.14)	1.2 (0.18)			
Rape or attempted rape	# (†)	# (†)	# (†)	# (†)	‡ (†)	# (†)	# (†)	# (†)	# (†)	# (†)	# (†)			
Sexual assault other than rape <sup>3</sup>	0.1 (0.01)	0.1 (0.01)	0.1 (0.01)	0.1 (0.03)	‡ (†)	0.2 (0.04)	0.2 (0.02)	# (†)	0.1 (0.04)	0.1! (0.06)	0.2! (0.06)			
Physical attack or fight with a weapon	0.1 (0.03)	0.3 (0.08)	0.3 (0.08)	0.1 (0.03)	0.1! (0.05)	0.1! (0.04)	0.1 (0.03)	# (†)	0.2! (0.09)	0.1! (0.03)	0.1! (0.04)			
Threat of physical attack with a weapon	0.5 (0.14)	0.4 (0.05)	0.4 (0.06)	0.4 (0.05)	0.3! (0.08)	0.7 (0.16)	0.3 (0.03)	0.1 (0.03)	0.3 (0.05)	0.3 (0.07)	0.6 (0.16)			
Robbery with a weapon	# (†)	# (†)	# (†)	# (†)	‡ (†)	# (†)	# (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)			
Robbery without a weapon	0.5 (0.05)	0.4 (0.07)	0.3 (0.04)	0.2 (0.03)	‡ (†)	0.3 (0.07)	0.4 (0.06)	0.1! (0.03)	0.1 (0.03)	0.2! (0.09)	0.3 (0.07)			
Physical attack or fight without a weapon	18.8 (0.55)	17.0 (0.94)	15.3 (0.58)	11.5 (0.75)	10.6 (1.30)	17.7 (1.23)	9.2 (0.47)	5.9 (1.20)	9.4 (1.11)	10.6 (0.78)	18.5 (2.17)			
Threat of physical attack without a weapon	11.1 (0.43)	9.7 (0.62)	8.6 (0.47)	5.2 (0.33)	3.6 (0.52)	8.1 (0.72)	5.9 (0.35)	2.1 (0.26)	4.8 (0.57)	6.1 (0.60)	7.0 (0.80)			
<b>Theft<sup>4</sup></b>	<b>5.1 (0.13)</b>	<b>5.6 (0.20)</b>	<b>5.5 (0.18)</b>	<b>3.4 (0.11)</b>	<b>1.1 (0.13)</b>	<b>4.4 (0.27)</b>	<b>6.4 (0.35)</b>	<b>2.0 (0.16)</b>	<b>3.5 (0.26)</b>	<b>4.0 (0.30)</b>	<b>3.6 (0.30)</b>			
<b>Other incidents</b>	<b>9.6 (0.24)</b>	<b>9.2 (0.23)</b>	<b>9.2 (0.23)</b>	<b>7.1 (0.22)</b>	<b>2.9 (0.25)</b>	<b>7.7 (0.38)</b>	<b>14.1 (0.75)</b>	<b>4.2 (0.29)</b>	<b>7.0 (0.38)</b>	<b>8.1 (0.45)</b>	<b>8.4 (0.71)</b>			
Possession of a firearm/explosive device	0.3 (0.04)	0.1 (0.01)	0.1 (0.01)	0.2! (0.06)	‡ (†)	0.3! (0.12)	0.3! (0.11)	# (†)	‡ (†)	0.5! (0.22)	0.2 (0.04)			
Possession of a knife or sharp object	1.9 (0.05)	1.6 (0.05)	1.5 (0.05)	1.4 (0.07)	1.1 (0.11)	1.8 (0.10)	1.7 (0.10)	0.6 (0.07)	1.5 (0.10)	1.8 (0.16)	1.6 (0.11)			
Distribution, possession, or use of illegal drugs	2.4 (0.09)	2.2 (0.08)	2.4 (0.10)	2.3 (0.09)	0.2 (0.05)	2.2 (0.18)	6.2 (0.28)	1.5 (0.15)	2.3 (0.15)	2.4 (0.19)	2.6 (0.24)			
Inappropriate distribution, possession, or use of prescription drugs <sup>5</sup>	— (†)	— (†)	0.6 (0.04)	0.4 (0.03)	# (†)	0.4 (0.06)	1.1 (0.09)	0.3 (0.04)	0.5 (0.06)	0.5 (0.06)	0.4 (0.06)			
Distribution, possession, or use of alcohol	1.0 (0.05)	0.8 (0.03)	0.9 (0.04)	0.6 (0.03)	‡ (†)	0.5 (0.04)	1.6 (0.10)	0.5 (0.06)	0.8 (0.07)	0.7 (0.08)	0.4 (0.08)			
Vandalism	4.0 (0.15)	4.4 (0.19)	3.6 (0.15)	2.2 (0.14)	1.4 (0.15)	2.5 (0.21)	3.2 (0.53)	1.2 (0.18)	1.8 (0.17)	2.3 (0.17)	3.1 (0.50)			
<b>Incidents reported to police</b>														
<b>Total</b>	<b>16.0 (0.44)</b>	<b>14.7 (0.44)</b>	<b>14.6 (0.41)</b>	<b>9.1 (0.27)</b>	<b>2.4 (0.36)</b>	<b>11.7 (0.86)</b>	<b>19.4 (0.77)</b>	<b>5.3 (0.46)</b>	<b>9.3 (0.55)</b>	<b>10.6 (0.71)</b>	<b>10.2 (0.91)</b>			
<b>Violent incidents</b>	<b>7.4 (0.28)</b>	<b>6.3 (0.28)</b>	<b>6.4 (0.28)</b>	<b>4.0 (0.20)</b>	<b>1.5 (0.32)</b>	<b>6.1 (0.61)</b>	<b>6.9 (0.39)</b>	<b>1.9 (0.34)</b>	<b>3.7 (0.34)</b>	<b>4.6 (0.39)</b>	<b>5.2 (0.67)</b>			
Serious violent incidents	0.7 (0.05)	0.6 (0.05)	0.5 (0.05)	0.4 (0.04)	0.1! (0.04)	0.6 (0.08)	0.8 (0.07)	0.2 (0.03)	0.5 (0.07)	0.4 (0.08)	0.5 (0.07)			
Rape or attempted rape	# (†)	# (†)	# (†)	# (†)	‡ (†)	# (†)	# (†)	# (†)	# (†)	# (†)	# (†)			
Sexual assault other than rape <sup>3</sup>	0.1 (0.01)	0.1 (0.01)	# (†)	0.1 (0.01)	‡ (†)	0.1 (0.04)	0.1 (0.01)	# (†)	0.1 (0.03)	0.1 (0.02)	0.1! (0.02)			
Physical attack or fight with a weapon	0.1 (0.01)	0.1 (0.03)	0.1 (0.02)	0.1! (0.02)	‡ (†)	# (†)	0.1! (0.03)	# (†)	‡ (†)	0.1! (0.02)	0.1! (0.02)			
Threat of physical attack with a weapon	0.2 (0.02)	0.2 (0.02)	0.2 (0.02)	0.2 (0.02)	0.1! (0.02)	0.3 (0.04)	0.2 (0.03)	0.1 (0.02)	0.2 (0.03)	0.1 (0.02)	0.2 (0.05)			
Robbery with a weapon	# (†)	# (†)	# (†)	# (†)	‡ (†)	# (†)	# (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)			
Robbery without a weapon	0.3 (0.04)	0.2 (0.03)	0.2 (0.02)	0.1 (0.01)	‡ (†)	0.1 (0.03)	0.3 (0.04)	# (†)	0.1! (0.02)	0.1 (0.04)	0.1 (0.03)			
Physical attack or fight without a weapon	4.3 (0.20)	3.6 (0.15)	4.1 (0.25)	2.5 (0.18)	1.1 (0.27)	3.8 (0.46)	4.1 (0.26)	1.2 (0.33)	2.1 (0.23)	2.8 (0.25)	3.4 (0.56)			
Threat of physical attack without a weapon	2.4 (0.12)	2.1 (0.16)	1.8 (0.11)	1.1 (0.07)	0.3 (0.08)	1.6 (0.26)	2.1 (0.18)	0.5 (0.09)	1.1 (0.14)	1.4 (0.17)	1.3 (0.22)			
<b>Theft<sup>4</sup></b>	<b>2.5 (0.09)</b>	<b>2.8 (0.14)</b>	<b>2.6 (0.09)</b>	<b>1.5 (0.07)</b>	<b>0.1 (0.03)</b>	<b>1.7 (0.17)</b>	<b>3.7 (0.23)</b>	<b>1.0 (0.10)</b>	<b>1.7 (0.14)</b>	<b>1.7 (0.18)</b>	<b>1.3 (0.17)</b>			

See notes at end of table.

**Table 229.20. Rate of crime incidents at school per 1,000 students recorded by public schools and reported to police by public schools, by school level, percentage of students eligible for free or reduced-price lunch, and type of crime: Selected years, 2005–06 through 2015–16—Continued**

[Standard errors appear in parentheses]

Type of crime recorded or reported to police	Rate of crime incidents at school per 1,000 students <sup>1</sup>															
	2015–16															
	2005–06	2007–08	2009–10	Total	School level <sup>2</sup>			Percent of students eligible for free or reduced-price lunch								
					Primary	Middle	High school	0 to 25	26 to 50	51 to 75	76 to 100					
<b>Other incidents</b> .....	<b>6.1 (0.19)</b>	<b>5.6 (0.17)</b>	<b>5.5 (0.17)</b>	<b>3.7 (0.11)</b>	<b>0.8 (0.13)</b>	<b>3.9 (0.32)</b>	<b>8.8 (0.38)</b>	<b>2.5 (0.23)</b>	<b>3.9 (0.26)</b>	<b>4.3 (0.34)</b>	<b>3.7 (0.30)</b>					
Possession of a firearm/explosive device .....	0.2 (0.04)	0.1 (0.01)	0.1 (0.01)	0.2! (0.06)	‡ (†)	‡ (†)	0.2! (0.09)	# (†)	‡ (†)	‡ (†)	0.1! (0.03)					
Possession of a knife or sharp object .....	1.1 (0.04)	0.9 (0.03)	0.8 (0.04)	0.6 (0.03)	0.2 (0.04)	0.9 (0.07)	1.0 (0.08)	0.3 (0.03)	0.6 (0.06)	0.6 (0.06)	0.6 (0.06)					
Distribution, possession, or use of illegal drugs .....	2.1 (0.09)	2.0 (0.08)	2.0 (0.07)	1.7 (0.07)	0.1! (0.04)	1.6 (0.18)	4.6 (0.21)	1.2 (0.13)	1.7 (0.13)	1.8 (0.17)	1.8 (0.20)					
Inappropriate distribution, possession, or use of prescription drugs <sup>3</sup> .....	— (†)	— (†)	0.5 (0.04)	0.3 (0.03)	# (†)	0.3 (0.05)	0.8 (0.07)	0.2 (0.03)	0.4 (0.05)	0.4 (0.06)	0.2 (0.04)					
Distribution, possession, or use of alcohol .....	0.7 (0.05)	0.6 (0.02)	0.6 (0.03)	0.4 (0.03)	‡ (†)	0.3 (0.04)	1.0 (0.07)	0.3 (0.06)	0.5 (0.06)	0.4 (0.06)	0.2 (0.04)					
Vandalism .....	1.9 (0.09)	2.1 (0.12)	1.6 (0.09)	0.6 (0.05)	0.3 (0.06)	0.7 (0.10)	1.3 (0.15)	0.4 (0.06)	0.6 (0.09)	0.8 (0.14)	0.7 (0.11)					

—Not available.

†Not applicable.

#Rounds to zero.

!Interpret data with caution. The coefficient of variation (CV) for this estimate is between 30 and 50 percent.

‡Reporting standards not met. Either there are too few cases for a reliable estimate or the coefficient of variation (CV) is 50 percent or greater.

<sup>1</sup>The number of incidents of crime at school per 1,000 students enrolled.

<sup>2</sup>Primary schools are defined as schools in which the lowest grade is not higher than grade 3 and the highest grade is not higher than grade 8. Middle schools are defined as schools in which the lowest grade is not lower than grade 4 and the highest grade is not higher than grade 9. High schools are defined as schools in which the lowest grade is not lower than grade 9 and the highest grade is not higher than grade 12. Combined schools—which are included in the totals but not shown separately—include all other combinations of grades, including K–12 schools.

<sup>3</sup>Prior to 2015–16, the wording of the survey item was “sexual battery other than rape.”

<sup>4</sup>Theft/larceny (taking things worth over \$10 without personal confrontation) was defined for respondents as “the unlawful

taking of another person’s property without personal confrontation, threat, violence, or bodily harm.” This includes pocket picking, stealing a purse or backpack (if left unattended or no force was used to take it from owner), theft from a building, theft from a motor vehicle or motor vehicle parts or accessories, theft of a bicycle, theft from a vending machine, and all other types of thefts.

<sup>5</sup>The survey item “Inappropriate distribution, possession, or use of prescription drugs” appears only on the 2009–10 and 2015–16 questionnaires.

NOTE: Responses were provided by the principal or the person most knowledgeable about crime and safety issues at the school. “At school” was defined to include activities that happen in school buildings, on school grounds, on school buses, and at places that hold school-sponsored events or activities. Respondents were instructed to include incidents that occurred before, during, and after normal school hours or when school activities or events were in session. Detail may not sum to totals because of rounding and because schools that recorded or reported more than one type of crime incident were counted only once in the total percentage of schools recording or reporting incidents.

SOURCE: U.S. Department of Education, National Center for Education Statistics, 2005–06, 2007–08, 2009–10, and 2015–16 School Survey on Crime and Safety (SSOCS), 2006, 2008, 2010, and 2016. (This table was prepared June 2018.)

**Table 229.30. Percentage of public schools recording incidents of crime at school, number of incidents, and rate per 1,000 students, by type of crime and selected school characteristics: 2015–16**

[Standard errors appear in parentheses]

School characteristic	Total number of schools	Violent incidents						Theft <sup>3</sup>			Other incidents <sup>4</sup>		
		All violent <sup>1</sup>			Serious violent <sup>2</sup>			Percent of schools recording	Number of incidents	Rate per 1,000 students	Percent of schools recording	Number of incidents	Rate per 1,000 students
		Percent of schools recording	Number of incidents	Rate per 1,000 students	Percent of schools recording	Number of incidents	Rate per 1,000 students						
1	2	3	4	5	6	7	8	9	10	11	12	13	14
<b>Total</b>	<b>83,600 (210)</b>	<b>68.9 (1.30)</b>	<b>864,900 (42,950)</b>	<b>17.5 (0.89)</b>	<b>15.5 (0.93)</b>	<b>40,800 (3,460)</b>	<b>0.8 (0.07)</b>	<b>38.7 (1.29)</b>	<b>166,000 (5,190)</b>	<b>3.4 (0.11)</b>	<b>58.5 (1.68)</b>	<b>350,400 (10,710)</b>	<b>7.1 (0.22)</b>
<b>School level<sup>5</sup></b>													
Primary	49,100 (180)	57.2 (2.04)	355,500 (35,190)	14.7 (1.49)	9.2 (1.12)	12,800 (2,390)	0.5 (0.10)	22.5 (1.81)	27,300 (3,140)	1.1 (0.13)	42.7 (2.63)	69,900 (6,150)	2.9 (0.25)
Middle	15,600 (30)	88.0 (1.15)	263,000 (17,350)	27.1 (1.78)	22.9 (1.90)	12,500 (1,930)	1.3 (0.20)	54.7 (1.84)	43,100 (2,530)	4.4 (0.27)	76.5 (1.69)	74,500 (3,760)	7.7 (0.38)
High school	12,800 (50)	89.8 (1.53)	207,900 (10,320)	16.2 (0.72)	30.5 (1.79)	13,200 (1,220)	1.0 (0.09)	76.5 (1.98)	82,800 (4,500)	6.4 (0.35)	88.1 (1.48)	180,900 (10,150)	14.1 (0.75)
Combined	6,200 (120)	71.1 (5.52)	38,500 (6,430)	14.8 (2.61)	15.9 (3.22)	2,300! (740)	0.9! (0.30)	49.3 (6.40)	12,800 (2,330)	4.9 (0.92)	77.8 (4.77)	25,100 (3,710)	9.6 (1.36)
<b>Enrollment size</b>													
Less than 300	18,200 (190)	52.6 (3.81)	66,400 (9,690)	15.7 (2.43)	7.3 (2.18)	3,300! (1,110)	0.8! (0.27)	28.2 (3.06)	15,000 (2,640)	3.6 (0.64)	44.7 (3.87)	32,700 (7,430)	7.8 (1.77)
300 to 499	25,000 (110)	63.0 (2.96)	177,000 (18,850)	17.3 (1.82)	12.7 (1.79)	8,700 (2,000)	0.8 (0.20)	27.6 (2.22)	23,600 (2,930)	2.3 (0.29)	51.7 (3.03)	51,000 (3,570)	5.0 (0.35)
500 to 999	31,700 (90)	76.0 (2.03)	399,100 (33,500)	18.2 (1.54)	17.1 (1.43)	15,700 (2,090)	0.7 (0.10)	42.3 (2.06)	59,100 (3,470)	2.7 (0.16)	62.5 (2.11)	124,800 (6,860)	5.7 (0.30)
1,000 or more	8,700 (10)	94.5 (1.37)	222,300 (10,800)	17.2 (0.86)	34.6 (2.49)	13,200 (1,570)	1.0 (0.13)	80.1 (1.87)	68,300 (3,620)	5.3 (0.29)	92.6 (1.74)	141,900 (6,280)	11.0 (0.48)
<b>Locale</b>													
City	22,800 (110)	74.0 (2.71)	335,900 (30,200)	22.8 (2.08)	17.4 (1.80)	15,200 (2,230)	1.0 (0.15)	42.4 (3.07)	55,800 (3,380)	3.8 (0.23)	63.6 (3.12)	115,400 (7,910)	7.8 (0.49)
Suburban	27,400 (90)	66.4 (2.47)	260,900 (17,170)	13.2 (0.84)	12.8 (1.26)	11,700 (1,610)	0.6 (0.08)	35.0 (2.22)	55,000 (3,860)	2.8 (0.19)	52.6 (2.77)	116,400 (6,840)	5.9 (0.33)
Town	11,000 (80)	77.7 (3.69)	132,500 (19,620)	23.3 (3.51)	20.2 (3.52)	5,800 (1,480)	1.0 (0.27)	42.4 (3.16)	20,600 (1,750)	3.6 (0.32)	70.5 (3.80)	54,400 (3,510)	9.6 (0.62)
Rural	22,500 (150)	62.7 (2.82)	135,500 (11,480)	14.8 (1.31)	14.6 (1.93)	8,100 (1,470)	0.9 (0.17)	37.7 (2.78)	34,600 (3,700)	3.8 (0.41)	54.7 (3.18)	64,200 (4,740)	7.0 (0.50)
<b>Percent combined enrollment of Black, Hispanic, Asian, Pacific Islander, and American Indian/Alaska Native students, and students of Two or more races</b>													
Less than 5 percent	5,300 (550)	58.0 (5.85)	28,800 (4,690)	14.9 (2.01)	11.0 (2.98)	1,300! (470)	0.7! (0.24)	27.6 (5.55)	4,800 (920)	2.5 (0.47)	47.7 (6.06)	14,900 (2,220)	7.7 (1.11)
5 percent to less than 20 percent	21,300 (900)	68.4 (3.27)	147,000 (19,840)	13.6 (1.80)	14.7 (1.84)	6,400 (1,220)	0.6 (0.11)	40.7 (2.82)	34,200 (3,830)	3.2 (0.34)	62.0 (3.11)	69,400 (4,020)	6.4 (0.36)
20 percent to less than 50 percent	21,900 (800)	66.8 (3.16)	199,800 (16,960)	14.8 (1.23)	14.5 (1.92)	9,700 (1,980)	0.7 (0.15)	37.1 (2.41)	41,500 (2,950)	3.1 (0.22)	53.3 (3.04)	82,600 (5,510)	6.1 (0.38)
50 percent or more	35,100 (1,110)	72.3 (1.89)	489,300 (33,460)	21.2 (1.52)	17.3 (1.41)	23,300 (2,300)	1.0 (0.10)	40.2 (2.45)	85,400 (5,160)	3.7 (0.21)	61.2 (2.58)	183,400 (10,410)	8.0 (0.44)
<b>Percent of students eligible for free or reduced-price lunch</b>													
0 to 25 percent	13,900 (920)	58.6 (4.06)	81,000 (14,550)	8.3 (1.33)	11.9 (1.50)	3,100 (440)	0.3 (0.04)	31.9 (2.36)	19,600 (1,660)	2.0 (0.16)	44.1 (3.66)	40,900 (3,430)	4.2 (0.29)
26 to 50 percent	23,400 (1,070)	70.2 (2.80)	198,900 (25,420)	15.0 (1.62)	15.4 (1.66)	10,200 (1,740)	0.8 (0.12)	37.7 (2.01)	46,900 (3,900)	3.5 (0.26)	57.5 (3.18)	92,900 (5,710)	7.0 (0.38)
51 to 75 percent	23,000 (1,100)	68.3 (2.65)	231,700 (16,060)	17.6 (1.23)	16.3 (2.05)	11,200 (1,770)	0.9 (0.14)	42.5 (2.64)	52,100 (4,100)	4.0 (0.30)	60.3 (2.62)	106,200 (8,330)	8.1 (0.45)
76 to 100 percent	23,300 (1,120)	74.5 (2.47)	353,300 (34,130)	26.7 (2.42)	16.9 (1.90)	16,300 (2,460)	1.2 (0.18)	40.1 (2.84)	47,300 (4,560)	3.6 (0.30)	66.3 (3.17)	110,500 (10,230)	8.4 (0.71)
<b>Student/teacher ratio<sup>6</sup></b>													
Less than 12	11,400 (840)	61.9 (4.10)	66,700 (12,100)	18.9 (2.99)	10.6 (2.34)	3,400 (1,000)	1.0 (0.27)	29.4 (3.82)	11,900 (2,160)	3.4 (0.56)	51.6 (3.34)	22,800 (2,720)	6.4 (0.71)
12 to 16	29,100 (1,290)	70.5 (2.34)	316,800 (28,240)	20.6 (1.64)	15.5 (1.80)	10,200 (1,520)	0.7 (0.10)	39.0 (2.35)	51,500 (3,870)	3.4 (0.26)	57.6 (2.75)	97,400 (6,110)	6.3 (0.37)
More than 16	43,100 (1,250)	69.8 (1.78)	481,300 (30,050)	15.8 (0.94)	16.7 (1.39)	27,200 (3,440)	0.9 (0.11)	41.0 (1.80)	102,600 (4,910)	3.4 (0.15)	60.9 (2.33)	230,300 (12,160)	7.6 (0.37)

!Interpret data with caution. The coefficient of variation (CV) for this estimate is between 30 and 50 percent.

<sup>1</sup>"All violent" incidents include "serious violent" incidents (see footnote 2) as well as physical attack or fight without a weapon and threat of physical attack without a weapon.

<sup>2</sup>"Serious violent" incidents include rape, sexual assault other than rape, physical attack or fight with a weapon, threat of physical attack with a weapon, and robbery with or without a weapon.

<sup>3</sup>Theft/larceny (taking things worth over \$10 without personal confrontation) was defined for respondents as "the unlawful taking of another person's property without personal confrontation, threat, violence, or bodily harm." This includes pocket picking, stealing a purse or backpack (if left unattended or no force was used to take it from owner), theft from a building, theft from a motor vehicle or motor vehicle parts or accessories, theft of a bicycle, theft from a vending machine, and all other types of thefts.

<sup>4</sup>"Other incidents" include possession of a firearm or explosive device; possession of a knife or sharp object; distribution, possession, or use of illegal drugs or alcohol; inappropriate distribution, possession, or use of prescription drugs; and vandalism.

<sup>5</sup>Primary schools are defined as schools in which the lowest grade is not higher than grade 3 and the highest grade is not higher than grade 8. Middle schools are defined as schools in which the lowest grade is not lower than grade 4 and the

highest grade is not higher than grade 9. High schools are defined as schools in which the lowest grade is not lower than grade 9 and the highest grade is not higher than grade 12. Combined schools include all other combinations of grades, including K–12 schools.

<sup>6</sup>Student/teacher ratio was calculated by dividing the total number of students enrolled in the school, as reported on the School Survey on Crime and Safety (SSOCS), by the total number of full-time-equivalent (FTE) teachers. Information regarding the total number of FTE teachers was obtained from the Common Core of Data (CCD), the sampling frame for SSOCS.

NOTE: Responses were provided by the principal or the person most knowledgeable about crime and safety issues at the school. "At school" was defined to include activities that happen in school buildings, on school grounds, on school buses, and at places that hold school-sponsored events or activities. Respondents were instructed to include incidents that occurred before, during, or after normal school hours or when school activities or events were in session. Detail may not sum to totals because of rounding.

SOURCE: U.S. Department of Education, National Center for Education Statistics, 2015–16 School Survey on Crime and Safety (SSOCS), 2016. (This table was prepared September 2017.)

**Table 229.40. Percentage of public schools reporting incidents of crime at school to the police, number of incidents, and rate per 1,000 students, by type of crime and selected school characteristics: 2015–16**

[Standard errors appear in parentheses]

School characteristic	Total number of schools	Violent incidents						Theft <sup>3</sup>			Other incidents <sup>4</sup>		
		All violent <sup>1</sup>			Serious violent <sup>2</sup>			Percent of schools reporting to police	Number of incidents	Rate per 1,000 students	Percent of schools reporting to police	Number of incidents	Rate per 1,000 students
		Percent of schools reporting to police	Number of incidents	Rate per 1,000 students	Percent of schools reporting to police	Number of incidents	Rate per 1,000 students						
1	2	3	4	5	6	7	8	9	10	11	12	13	14
<b>Total</b> .....	<b>83,600 (210)</b>	<b>32.7 (1.13)</b>	<b>195,600 (9,620)</b>	<b>4.0 (0.20)</b>	<b>10.0 (0.68)</b>	<b>20,000 (1,700)</b>	<b>0.4 (0.04)</b>	<b>18.1 (0.80)</b>	<b>71,600 (3,280)</b>	<b>1.5 (0.07)</b>	<b>33.5 (1.15)</b>	<b>181,700 (5,500)</b>	<b>3.7 (0.11)</b>
<b>School level<sup>5</sup></b>													
Primary .....	49,100 (180)	18.0 (1.70)	36,900 (7,670)	1.5 (0.32)	3.2 (0.79)	3,000! (1,060)	0.1! (0.04)	5.6 (1.06)	3,600 (690)	0.1 (0.03)	15.2 (1.65)	18,200 (3,190)	0.8 (0.13)
Middle .....	15,600 (30)	49.3 (2.04)	58,900 (6,080)	6.1 (0.61)	16.9 (1.64)	5,600 (760)	0.6 (0.08)	28.8 (1.58)	16,300 (1,650)	1.7 (0.17)	49.0 (1.95)	38,100 (3,130)	3.9 (0.32)
High school .....	12,800 (50)	67.4 (2.20)	88,700 (5,120)	6.9 (0.39)	26.6 (1.71)	9,900 (940)	0.8 (0.07)	50.3 (1.66)	47,900 (2,920)	3.7 (0.23)	75.3 (1.41)	113,400 (5,100)	8.8 (0.38)
Combined .....	6,200 (120)	35.1 (4.23)	11,100 (2,810)	4.3 (1.12)	12.2 (3.18)	1,500! (650)	0.6! (0.26)	23.2 (4.83)	3,800 (990)	1.5 (0.39)	53.7 (5.19)	12,100 (1,940)	4.6 (0.71)
<b>Enrollment size</b>													
Less than 300 .....	18,200 (190)	17.1 (2.62)	11,300 (3,400)	2.7! (0.83)	4.4 (1.24)	1,000 (270)	0.2 (0.07)	8.0 (2.04)	2,800 (790)	0.7 (0.19)	18.4 (2.66)	7,800 (1,540)	1.9 (0.37)
300 to 499 .....	25,000 (110)	27.9 (2.52)	27,600 (4,530)	2.7 (0.44)	6.8 (1.23)	2,700 (500)	0.3 (0.05)	9.8 (1.41)	5,700 (1,000)	0.6 (0.10)	24.4 (1.71)	17,200 (1,760)	1.7 (0.17)
500 to 999 .....	31,700 (90)	34.5 (1.91)	76,900 (9,090)	3.5 (0.41)	10.6 (1.10)	7,400 (1,300)	0.3 (0.06)	19.7 (1.19)	23,200 (2,010)	1.1 (0.09)	36.5 (1.83)	60,200 (4,140)	2.7 (0.19)
1,000 or more .....	8,700 (10)	72.0 (2.06)	79,800 (5,080)	6.2 (0.41)	28.9 (2.22)	8,800 (1,140)	0.7 (0.09)	57.1 (2.00)	39,900 (2,540)	3.1 (0.20)	80.6 (1.79)	96,500 (5,250)	7.5 (0.41)
<b>Locale</b>													
City .....	22,800 (110)	33.9 (2.48)	72,300 (9,190)	4.9 (0.64)	11.4 (1.38)	6,700 (930)	0.5 (0.06)	19.4 (2.02)	23,200 (2,510)	1.6 (0.17)	35.1 (2.56)	54,800 (3,940)	3.7 (0.24)
Suburban .....	27,400 (90)	31.3 (1.40)	64,400 (5,550)	3.3 (0.28)	8.7 (1.01)	7,100 (1,130)	0.4 (0.06)	16.5 (1.15)	27,700 (2,000)	1.4 (0.10)	33.9 (1.87)	67,300 (4,800)	3.4 (0.23)
Town .....	11,000 (80)	47.4 (3.32)	29,200 (3,800)	5.1 (0.68)	12.7 (2.66)	2,500 (560)	0.4 (0.10)	24.3 (2.53)	9,600 (1,170)	1.7 (0.20)	41.2 (3.11)	28,100 (2,400)	4.9 (0.38)
Rural .....	22,500 (150)	25.9 (1.90)	29,700 (3,620)	3.2 (0.41)	8.9 (1.10)	3,600 (610)	0.4 (0.07)	15.6 (1.73)	11,000 (1,520)	1.2 (0.16)	27.8 (2.10)	31,600 (2,440)	3.4 (0.24)
<b>Percent combined enrollment of Black, Hispanic, Asian, Pacific Islander, and American Indian/Alaska Native students, and students of Two or more races</b>													
Less than 5 percent .....	5,300 (550)	22.1 (4.01)	7,800 (1,740)	4.0 (0.88)	6.4 (1.69)	500 (140)	0.3 (0.07)	13.8 (3.20)	2,200 (520)	1.1 (0.26)	30.4 (4.62)	7,600 (1,570)	3.9 (0.75)
5 percent to less than 20 percent .....	21,300 (900)	32.7 (2.92)	30,800 (4,370)	2.8 (0.41)	9.3 (1.17)	3,400 (540)	0.3 (0.05)	16.2 (1.91)	12,500 (1,590)	1.2 (0.16)	34.4 (2.64)	34,700 (2,720)	3.2 (0.26)
20 percent to less than 50 percent .....	21,900 (800)	33.2 (2.44)	47,800 (5,130)	3.5 (0.39)	10.4 (1.54)	5,200 (980)	0.4 (0.08)	19.7 (1.63)	20,900 (1,570)	1.6 (0.12)	29.2 (2.18)	45,800 (3,900)	3.4 (0.29)
50 percent or more .....	35,100 (1,110)	33.9 (2.06)	109,300 (9,530)	4.7 (0.42)	10.7 (1.07)	10,900 (1,170)	0.5 (0.05)	18.9 (1.61)	35,900 (3,040)	1.6 (0.12)	36.2 (2.09)	93,600 (6,580)	4.1 (0.27)
<b>Percent of students eligible for free or reduced-price lunch</b>													
0 to 25 percent .....	13,900 (920)	26.8 (2.82)	18,100 (3,480)	1.9 (0.34)	7.5 (1.19)	1,900 (300)	0.2 (0.03)	16.5 (1.99)	9,700 (1,010)	1.0 (0.10)	25.9 (2.10)	24,000 (2,200)	2.5 (0.23)
26 to 50 percent .....	23,400 (1,070)	34.2 (2.00)	48,600 (5,250)	3.7 (0.34)	11.3 (1.15)	6,100 (1,040)	0.5 (0.07)	17.7 (1.30)	22,300 (1,920)	1.7 (0.14)	36.0 (2.44)	52,000 (3,770)	3.9 (0.26)
51 to 75 percent .....	23,000 (1,100)	33.5 (2.31)	60,800 (5,170)	4.6 (0.39)	9.6 (1.32)	5,600 (950)	0.4 (0.08)	18.7 (1.34)	21,800 (2,560)	1.7 (0.18)	31.8 (2.02)	57,100 (5,910)	4.3 (0.34)
76 to 100 percent .....	23,300 (1,120)	33.8 (2.56)	68,100 (8,600)	5.2 (0.67)	10.6 (1.52)	6,400 (1,040)	0.5 (0.07)	18.7 (2.06)	17,700 (2,240)	1.3 (0.17)	37.3 (2.95)	48,600 (4,250)	3.7 (0.30)
<b>Student/teacher ratio<sup>6</sup></b>													
Less than 12 .....	11,400 (840)	27.5 (3.38)	14,500 (3,330)	4.1 (0.93)	7.6 (1.84)	1,600 (460)	0.5 (0.13)	12.3 (2.50)	5,100 (1,110)	1.4 (0.30)	30.1 (3.30)	10,600 (1,550)	3.0 (0.39)
12 to 16 .....	29,100 (1,290)	33.4 (2.36)	64,900 (8,550)	4.2 (0.55)	9.7 (1.12)	5,800 (990)	0.4 (0.06)	18.6 (1.50)	21,000 (2,040)	1.4 (0.14)	31.0 (2.02)	46,400 (3,450)	3.0 (0.20)
More than 16 .....	43,100 (1,250)	33.5 (1.53)	116,200 (7,770)	3.8 (0.26)	10.8 (0.96)	12,500 (1,470)	0.4 (0.05)	19.3 (0.99)	45,500 (2,790)	1.5 (0.09)	36.1 (2.00)	124,700 (6,420)	4.1 (0.19)

!Interpret data with caution. The coefficient of variation (CV) for this estimate is between 30 and 50 percent.

<sup>1</sup>"All violent" incidents include "serious violent" incidents (see footnote 2) as well as physical attack or fight without a weapon and threat of physical attack without a weapon.

<sup>2</sup>"Serious violent" incidents include rape, sexual assault other than rape, physical attack or fight with a weapon, threat of physical attack with a weapon, and robbery with or without a weapon.

<sup>3</sup>Theft/larceny (taking things worth over \$10 without personal confrontation) was defined for respondents as "the unlawful taking of another person's property without personal confrontation, threat, violence, or bodily harm." This includes pocket picking, stealing a purse or backpack (if left unattended or no force was used to take it from owner), theft from a building, theft from a motor vehicle or motor vehicle parts or accessories, theft of a bicycle, theft from a vending machine, and all other types of thefts.

<sup>4</sup>"Other incidents" include possession of a firearm or explosive device; possession of a knife or sharp object; distribution, possession, or use of illegal drugs or alcohol; inappropriate distribution, possession, or use of prescription drugs; and vandalism.

<sup>5</sup>Primary schools are defined as schools in which the lowest grade is not higher than grade 3 and the highest grade is not higher than grade 8. Middle schools are defined as schools in which the lowest grade is not lower than grade 4 and the

highest grade is not higher than grade 9. High schools are defined as schools in which the lowest grade is not lower than grade 9 and the highest grade is not higher than grade 12. Combined schools include all other combinations of grades, including K–12 schools.

<sup>6</sup>Student/teacher ratio was calculated by dividing the total number of students enrolled in the school, as reported on the School Survey on Crime and Safety (SSOCS), by the total number of full-time-equivalent (FTE) teachers. Information regarding the total number of FTE teachers was obtained from the Common Core of Data (CCD), the sampling frame for SSOCS.

NOTE: Responses were provided by the principal or the person most knowledgeable about crime and safety issues at the school. "At school" was defined to include activities that happen in school buildings, on school grounds, on school buses, and at places that hold school-sponsored events or activities. Respondents were instructed to include incidents that occurred before, during, or after normal school hours or when school activities or events were in session. Detail may not sum to totals because of rounding.

SOURCE: U.S. Department of Education, National Center for Education Statistics, 2015–16 School Survey on Crime and Safety (SSOCS), 2016. (This table was prepared September 2017.)

**Table 229.50. Percentage distribution of public schools, by number of violent incidents of crime at school recorded and reported to the police and selected school characteristics: 2015–16**

[Standard errors appear in parentheses]

School characteristic	Number of violent incidents recorded							Number of violent incidents reported to the police						
	None	1–2 incidents	3–5 incidents	6–9 incidents	10–14 incidents	15–19 incidents	20 or more incidents	None	1–2 incidents	3–5 incidents	6–9 incidents	10–14 incidents	15–19 incidents	20 or more incidents
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
<b>Total</b> .....	<b>31.1 (1.30)</b>	<b>13.9 (0.93)</b>	<b>16.0 (1.25)</b>	<b>10.8 (0.88)</b>	<b>8.5 (0.60)</b>	<b>5.4 (0.51)</b>	<b>14.3 (0.86)</b>	<b>67.3 (1.13)</b>	<b>15.8 (0.98)</b>	<b>7.1 (0.53)</b>	<b>3.2 (0.28)</b>	<b>2.5 (0.34)</b>	<b>1.3 (0.22)</b>	<b>2.7 (0.28)</b>
<b>School level<sup>1</sup></b>														
Primary .....	42.8 (2.04)	14.3 (1.49)	13.2 (1.80)	10.8 (1.27)	5.8 (0.96)	3.4 (0.71)	9.6 (1.24)	82.0 (1.70)	11.4 (1.45)	3.7 (0.79)	0.8! (0.39)	1.2! (0.52)	‡ (†)	0.7! (0.35)
Middle .....	12.0 (1.15)	13.2 (1.39)	17.8 (1.40)	11.0 (1.13)	13.8 (1.50)	8.9 (0.98)	23.2 (1.57)	50.7 (2.04)	23.2 (1.75)	11.0 (1.06)	6.1 (0.72)	3.0 (0.57)	1.9 (0.54)	4.2 (0.68)
High school .....	10.2 (1.53)	11.5 (1.56)	20.7 (1.73)	10.4 (1.29)	12.2 (1.29)	9.9 (1.06)	25.1 (1.59)	32.6 (2.20)	22.1 (1.99)	15.9 (1.39)	8.3 (0.87)	7.6 (0.98)	4.3 (0.61)	9.1 (0.86)
Combined .....	28.9 (5.52)	17.2 (4.95)	23.4 (5.42)	11.2! (3.47)	8.5! (2.72)	‡ (†)	7.3! (2.66)	64.9 (4.23)	18.7 (4.00)	6.1! (2.80)	‡ (†)	‡ (†)	‡ (†)	‡ (†)
<b>Enrollment size</b>														
Less than 300 .....	47.4 (3.81)	14.0 (2.19)	23.0 (3.06)	5.8 (1.75)	3.6! (1.31)	2.4! (1.08)	3.7! (1.35)	82.9 (2.62)	11.0 (1.94)	2.9! (1.06)	‡ (†)	‡ (†)	‡ (†)	‡ (†)
300 to 499 .....	37.0 (2.96)	15.6 (1.96)	15.2 (1.88)	10.6 (1.68)	7.7 (1.41)	3.6 (0.93)	10.2 (1.77)	72.1 (2.52)	18.3 (2.27)	5.5 (1.15)	2.2! (0.72)	0.6! (0.32)	‡ (†)	1.1! (0.49)
500 to 999 .....	24.0 (2.03)	14.6 (1.30)	14.0 (1.58)	13.9 (1.45)	9.6 (1.11)	6.9 (0.96)	17.0 (1.60)	65.5 (1.91)	16.5 (1.59)	8.2 (0.97)	3.3 (0.50)	2.6 (0.53)	1.2 (0.32)	2.8 (0.58)
1,000 or more .....	5.5 (1.37)	6.6 (1.45)	10.5 (1.32)	10.6 (1.58)	16.5 (1.82)	11.6 (1.52)	38.7 (2.06)	28.0 (2.06)	16.0 (1.78)	16.4 (1.74)	10.6 (1.44)	9.7 (1.15)	6.1 (0.97)	13.3 (1.49)
<b>Locale</b>														
City .....	26.0 (2.71)	13.1 (1.83)	13.5 (2.20)	10.3 (1.82)	10.3 (1.48)	5.9 (1.19)	20.9 (2.12)	66.1 (2.48)	13.4 (1.96)	8.3 (1.31)	3.6 (0.77)	3.3 (0.96)	1.3! (0.42)	4.1 (0.72)
Suburban .....	33.6 (2.47)	12.5 (1.92)	15.3 (1.91)	12.3 (1.43)	8.2 (1.25)	4.5 (0.79)	13.6 (1.60)	68.7 (1.40)	15.8 (1.17)	6.2 (0.80)	2.8 (0.36)	2.4 (0.36)	1.6! (0.50)	2.5 (0.45)
Town .....	22.3 (3.69)	13.0 (2.97)	15.6 (2.48)	12.5 (2.31)	9.8 (1.87)	9.5 (2.08)	17.3 (3.04)	52.6 (3.32)	25.9 (3.33)	7.4 (1.27)	6.2 (1.42)	3.0! (0.97)	0.8! (0.34)	4.1! (1.34)
Rural .....	37.3 (2.82)	16.9 (1.78)	19.5 (2.37)	8.8 (1.67)	6.2 (1.21)	4.2 (1.01)	7.1 (0.98)	74.1 (1.90)	13.2 (1.41)	6.9 (1.09)	1.8! (0.56)	1.8! (0.82)	1.1 (0.33)	1.1 (0.30)
<b>Percent combined enrollment of Black, Hispanic, Asian, Pacific Islander, and American Indian/Alaska Native students, and students of Two or more races</b>														
Less than 5 percent .....	42.0 (5.85)	8.8! (3.36)	17.8 (5.13)	11.7! (3.70)	9.0! (2.77)	4.1! (1.52)	6.5! (2.32)	77.9 (4.01)	12.0 (2.81)	3.7! (1.35)	1.2! (0.59)	‡ (†)	‡ (†)	2.7! (1.27)
5 percent to less than 20 percent .....	31.6 (3.27)	20.2 (2.21)	17.1 (1.90)	11.6 (1.82)	8.3 (1.33)	4.0 (0.95)	7.2 (1.22)	67.3 (2.92)	18.0 (2.12)	7.4 (1.15)	2.9 (0.59)	2.6! (0.81)	0.7! (0.26)	‡ (†)
20 percent to less than 50 percent .....	33.2 (3.16)	13.9 (1.93)	15.0 (1.75)	9.9 (1.46)	7.7 (1.19)	5.7 (1.01)	14.6 (1.99)	66.8 (2.44)	16.2 (2.06)	8.0 (1.13)	3.7 (0.68)	1.7 (0.31)	0.9! (0.29)	2.7 (0.59)
50 percent or more .....	27.7 (1.89)	10.9 (1.45)	15.6 (1.87)	10.8 (1.57)	8.9 (1.12)	6.4 (0.95)	19.7 (1.80)	66.1 (2.06)	14.7 (1.65)	6.9 (0.95)	3.4 (0.57)	3.2 (0.69)	2.0 (0.45)	3.7 (0.55)
<b>Percent of students eligible for free or reduced-price lunch</b>														
0 to 25 percent .....	41.4 (4.06)	16.2 (2.53)	15.9 (2.27)	10.3 (2.06)	7.6 (1.53)	3.0 (0.85)	5.6 (1.05)	73.2 (2.82)	15.7 (2.43)	5.5 (0.96)	1.7 (0.41)	1.3 (0.31)	‡ (†)	‡ (†)
26 to 50 percent .....	29.8 (2.80)	18.1 (2.07)	15.0 (2.07)	12.0 (1.74)	7.0 (1.23)	6.6 (1.16)	11.5 (1.54)	65.8 (2.00)	17.2 (1.82)	7.0 (1.08)	3.2 (0.51)	2.8 (0.67)	1.6! (0.55)	2.4 (0.56)
51 to 75 percent .....	31.7 (2.65)	11.9 (1.64)	15.0 (2.24)	10.0 (1.61)	9.9 (1.36)	7.3 (1.14)	14.2 (1.45)	66.5 (2.31)	13.1 (1.84)	9.3 (1.30)	4.6 (0.94)	2.2 (0.44)	1.2 (0.31)	3.0 (0.51)
76 to 100 percent .....	25.5 (2.47)	10.4 (1.75)	17.9 (2.76)	10.7 (1.99)	9.1 (1.62)	3.8 (0.87)	22.5 (2.52)	66.2 (2.56)	17.1 (2.28)	6.0 (1.22)	2.6 (0.64)	3.3! (1.01)	1.2! (0.44)	3.6 (0.70)
<b>Student/teacher ratio<sup>2</sup></b>														
Less than 12 .....	38.1 (4.10)	17.6 (3.23)	20.9 (3.08)	10.3 (2.62)	4.3! (1.88)	1.7! (0.54)	7.1 (1.66)	72.5 (3.38)	15.5 (2.31)	4.0! (1.22)	3.3! (1.21)	3.6! (1.65)	‡ (†)	‡ (†)
12 to 16 .....	29.5 (2.34)	14.5 (1.71)	17.6 (2.09)	8.6 (1.23)	9.2 (1.27)	6.1 (1.14)	14.5 (1.47)	66.6 (2.36)	16.7 (2.10)	7.1 (0.89)	3.3 (0.52)	2.2 (0.65)	1.5! (0.48)	2.7 (0.70)
More than 16 .....	30.2 (1.78)	12.5 (1.35)	13.6 (1.50)	12.5 (1.36)	9.1 (0.97)	5.9 (0.69)	16.2 (1.19)	66.5 (1.53)	15.2 (1.33)	8.0 (0.85)	3.1 (0.45)	2.5 (0.33)	1.5 (0.29)	3.3 (0.39)

†Not applicable.

!Interpret data with caution. The coefficient of variation (CV) for this estimate is between 30 and 50 percent.

‡Reporting standards not met. Either there are too few cases for a reliable estimate or the coefficient of variation (CV) is 50 percent or greater.

<sup>1</sup>Primary schools are defined as schools in which the lowest grade is not higher than grade 3 and the highest grade is not higher than grade 8. Middle schools are defined as schools in which the lowest grade is not lower than grade 4 and the highest grade is not higher than grade 9. High schools are defined as schools in which the lowest grade is not lower than grade 9 and the highest grade is not higher than grade 12. Combined schools include all other combinations of grades, including K–12 schools.

<sup>2</sup>Student/teacher ratio was calculated by dividing the total number of students enrolled in the school, as reported on the School Survey on Crime and Safety (SSOCS), by the total number of full-time-equivalent (FTE) teachers. Information regarding

the total number of FTE teachers was obtained from the Common Core of Data (CCD), the sampling frame for SSOCS.

NOTE: "Violent incidents" include rape, sexual assault other than rape, physical attack or fight with or without a weapon, threat of physical attack with or without a weapon, and robbery with or without a weapon. Responses were provided by the principal or the person most knowledgeable about crime and safety issues at the school. "At school" was defined to include activities that happen in school buildings, on school grounds, on school buses, and at places that hold school-sponsored events or activities. Respondents were instructed to include incidents that occurred before, during, or after normal school hours or when school activities or events were in session. Detail may not sum to totals because of rounding.

SOURCE: U.S. Department of Education, National Center for Education Statistics, 2015–16 School Survey on Crime and Safety (SSOCS), 2016. (This table was prepared September 2017.)

**Table 229.60. Percentage distribution of public schools, by number of serious violent incidents of crime at school recorded and reported to the police and selected school characteristics: 2015–16**

[Standard errors appear in parentheses]

School characteristic	Number of serious violent incidents recorded						Number of serious violent incidents reported to the police					
	None	1 incident	2 incidents	3–5 incidents	6–9 incidents	10 or more incidents	None	1 incident	2 incidents	3–5 incidents	6–9 incidents	10 or more incidents
1	2	3	4	5	6	7	8	9	10	11	12	13
<b>Total</b> .....	<b>84.5 (0.93)</b>	<b>7.6 (0.63)</b>	<b>2.9 (0.44)</b>	<b>2.9 (0.46)</b>	<b>1.1 (0.27)</b>	<b>1.0 (0.21)</b>	<b>90.0 (0.68)</b>	<b>6.1 (0.51)</b>	<b>1.7 (0.30)</b>	<b>1.4 (0.22)</b>	<b>0.4 (0.10)</b>	<b>0.5 (0.12)</b>
<b>School level<sup>1</sup></b>												
Primary .....	90.8 (1.12)	4.6 (0.85)	1.2! (0.51)	2.2! (0.67)	0.8! (0.39)	‡ (†)	96.8 (0.79)	2.5 (0.65)	‡ (†)	‡ (†)	‡ (†)	‡ (†)
Middle .....	77.1 (1.90)	12.0 (1.42)	3.7 (0.80)	3.9 (0.69)	1.5 (0.44)	1.8 (0.51)	83.1 (1.64)	10.3 (1.30)	3.1 (0.69)	2.2 (0.46)	1.0! (0.34)	‡ (†)
High school .....	69.5 (1.79)	13.6 (1.30)	6.9 (1.07)	5.2 (0.79)	2.4 (0.44)	2.4 (0.48)	73.4 (1.71)	13.5 (1.35)	5.3 (0.87)	4.7 (0.77)	1.4 (0.36)	1.7 (0.40)
Combined .....	84.1 (3.22)	7.3! (2.30)	5.7! (2.78)	‡ (†)	‡ (†)	‡ (†)	87.8 (3.18)	8.4! (2.84)	‡ (†)	‡ (†)	‡ (†)	‡ (†)
<b>Enrollment size</b>												
Less than 300 .....	92.7 (2.18)	3.3! (1.31)	1.9! (0.80)	‡ (†)	‡ (†)	‡ (†)	95.6 (1.24)	3.1! (1.22)	1.2! (0.55)	‡ (†)	‡ (†)	‡ (†)
300 to 499 .....	87.3 (1.79)	7.1 (1.39)	1.1! (0.48)	2.7 (0.77)	‡ (†)	‡ (†)	93.2 (1.23)	4.6 (1.07)	‡ (†)	1.0! (0.35)	‡ (†)	‡ (†)
500 to 999 .....	82.9 (1.43)	8.5 (0.88)	3.7 (0.84)	2.9 (0.70)	1.2! (0.45)	0.8! (0.30)	89.4 (1.10)	6.8 (0.91)	1.5 (0.41)	1.5 (0.43)	0.3! (0.14)	‡ (†)
1,000 or more .....	65.4 (2.49)	14.2 (1.59)	7.1 (1.46)	5.8 (0.97)	2.9 (0.66)	4.5 (0.90)	71.1 (2.22)	13.7 (1.49)	5.0 (0.91)	5.1 (0.95)	2.2 (0.57)	2.9 (0.86)
<b>Locale</b>												
City .....	82.6 (1.80)	7.5 (1.04)	3.5 (0.87)	2.7 (0.78)	1.7! (0.59)	1.9! (0.65)	88.6 (1.38)	6.9 (1.20)	1.7 (0.42)	1.4 (0.29)	0.7 (0.19)	0.7! (0.30)
Suburban .....	87.2 (1.26)	5.9 (0.75)	2.6 (0.60)	2.6 (0.59)	0.7 (0.20)	1.0! (0.31)	91.3 (1.01)	4.9 (0.84)	1.4 (0.35)	1.1 (0.24)	0.5! (0.18)	0.7! (0.30)
Town .....	79.8 (3.52)	10.4 (2.40)	3.7! (1.56)	3.6! (1.16)	‡ (†)	‡ (†)	87.3 (2.66)	7.5 (1.99)	2.6! (1.19)	2.5! (0.90)	‡ (†)	‡ (†)
Rural .....	85.4 (1.93)	8.2 (1.29)	2.2! (0.69)	3.3! (1.12)	‡ (†)	‡ (†)	91.1 (1.10)	5.9 (1.03)	1.5! (0.52)	1.3! (0.51)	‡ (†)	‡ (†)
<b>Percent combined enrollment of Black, Hispanic, Asian, Pacific Islander, and American Indian/Alaska Native students, and students of two or more races</b>												
Less than 5 percent .....	89.0 (2.98)	6.5! (2.30)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	93.6 (1.69)	4.8! (1.56)	‡ (†)	‡ (†)	‡ (†)	‡ (†)
5 percent to less than 20 percent .....	85.3 (1.84)	9.0 (1.51)	2.5! (0.83)	2.2 (0.64)	‡ (†)	‡ (†)	90.7 (1.17)	6.0 (0.93)	1.6 (0.38)	1.6! (0.53)	‡ (†)	‡ (†)
20 percent to less than 50 percent .....	85.5 (1.92)	7.7 (1.30)	2.5 (0.73)	1.7! (0.55)	1.1! (0.53)	1.5! (0.69)	89.6 (1.54)	6.2 (1.17)	2.1! (0.68)	1.2 (0.29)	0.4! (0.16)	‡ (†)
50 percent or more .....	82.7 (1.41)	6.8 (0.81)	3.5 (0.70)	4.4 (0.92)	1.3! (0.42)	1.3 (0.26)	89.3 (1.07)	6.2 (0.88)	1.6 (0.36)	1.5 (0.33)	0.6! (0.20)	0.8 (0.21)
<b>Percent of students eligible for free or reduced-price lunch</b>												
0 to 25 percent .....	88.1 (1.50)	6.8 (1.38)	3.6 (1.02)	0.9! (0.28)	0.5! (0.21)	‡ (†)	92.5 (1.19)	4.9 (1.09)	1.3! (0.41)	1.0 (0.28)	‡ (†)	‡ (†)
26 to 50 percent .....	84.6 (1.66)	7.4 (1.08)	2.6 (0.73)	3.5 (0.86)	1.2! (0.53)	‡ (†)	88.7 (1.15)	7.0 (0.96)	1.5! (0.51)	2.1 (0.49)	0.3! (0.12)	‡ (†)
51 to 75 percent .....	83.7 (2.05)	9.7 (1.77)	2.3 (0.61)	2.1 (0.57)	1.5! (0.69)	0.7 (0.21)	90.4 (1.32)	5.9 (1.03)	1.7! (0.62)	1.0 (0.26)	0.5! (0.21)	0.4! (0.15)
76 to 100 percent .....	83.1 (1.90)	6.1 (1.09)	3.4 (0.94)	4.4 (1.11)	0.9! (0.42)	2.0! (0.71)	89.4 (1.52)	6.1 (1.15)	2.0 (0.57)	1.4! (0.46)	0.4! (0.17)	0.7! (0.29)
<b>Student/teacher ratio<sup>2</sup></b>												
Less than 12 .....	89.4 (2.34)	4.3 (1.05)	2.1! (1.04)	‡ (†)	‡ (†)	‡ (†)	92.4 (1.84)	5.0 (1.38)	0.9! (0.44)	‡ (†)	‡ (†)	‡ (†)
12 to 16 .....	84.5 (1.80)	8.7 (1.33)	3.2 (0.73)	2.5 (0.74)	0.5! (0.21)	0.5! (0.25)	90.3 (1.12)	6.3 (0.97)	1.6! (0.50)	1.2 (0.35)	‡ (†)	‡ (†)
More than 16 .....	83.3 (1.39)	7.6 (0.93)	2.9 (0.57)	3.1 (0.67)	1.6 (0.47)	1.5 (0.39)	89.2 (0.96)	6.2 (0.66)	1.9 (0.42)	1.6 (0.37)	0.5 (0.15)	0.7! (0.20)

<sup>†</sup>Not applicable.

<sup>!</sup>Interpret data with caution. The coefficient of variation (CV) for this estimate is between 30 and 50 percent.

<sup>‡</sup>Reporting standards not met. Either there are too few cases for a reliable estimate or the coefficient of variation (CV) is 50 percent or greater.

<sup>1</sup>Primary schools are defined as schools in which the lowest grade is not higher than grade 3 and the highest grade is not higher than grade 8. Middle schools are defined as schools in which the lowest grade is not lower than grade 4 and the highest grade is not higher than grade 9. High schools are defined as schools in which the lowest grade is not lower than grade 9 and the highest grade is not higher than grade 12. Combined schools include all other combinations of grades, including K–12 schools.

<sup>2</sup>Student/teacher ratio was calculated by dividing the total number of students enrolled in the school, as reported on the School Survey on Crime and Safety (SSOCS), by the total number of full-time-equivalent (FTE) teachers. Information regarding the total number of FTE teachers was obtained from the Common Core of Data (CCD), the sampling frame for SSOCS.

NOTE: “Serious violent” incidents include rape, sexual assault other than rape, physical attack or fight with a weapon, threat of physical attack with a weapon, and robbery with or without a weapon. Responses were provided by the principal or the person most knowledgeable about crime and safety issues at the school. “At school” was defined to include activities that happen in school buildings, on school grounds, on school buses, and at places that hold school-sponsored events or activities. Respondents were instructed to include incidents that occurred before, during, or after normal school hours or when school activities or events were in session. Detail may not sum to totals because of rounding.

SOURCE: U.S. Department of Education, National Center for Education Statistics, 2015–16 School Survey on Crime and Safety (SSOCS), 2016. (This table was prepared September 2017.)

**Table 230.10. Percentage of public schools reporting selected discipline problems that occurred at school, by frequency and selected school characteristics: Selected years, 1999–2000 through 2015–16**

[Standard errors appear in parentheses]

Year and school characteristic	Happens at least once a week <sup>1</sup>										Happens at all <sup>2</sup>							
	Student racial/ethnic tensions <sup>3</sup>		Student bullying <sup>4</sup>		Student sexual harassment of other students		Student harassment of other students based on sexual orientation or gender identity <sup>5</sup>		Student verbal abuse of teachers		Widespread disorder in classrooms		Student acts of disrespect for teachers other than verbal abuse		Gang activities		Cult or extremist group activities	
1	2		3		4		5		6		7		8		9		10	
<b>All schools</b>																		
1999–2000 .....	3.4	(0.41)	29.3	(1.21)	—	(†)	—	(†)	12.5	(0.69)	3.1	(0.44)	—	(†)	18.7	(0.85)	6.7	(0.46)
2003–04 .....	2.1	(0.28)	26.8	(1.09)	4.0	(0.40)	—	(†)	10.7	(0.80)	2.8	(0.39)	—	(†)	16.7	(0.78)	3.4	(0.35)
2005–06 .....	2.8	(0.31)	24.5	(1.14)	3.5	(0.40)	—	(†)	9.5	(0.61)	2.3	(0.24)	—	(†)	16.9	(0.76)	3.7	(0.41)
2007–08 .....	3.7	(0.49)	25.3	(1.11)	3.0	(0.39)	—	(†)	6.0	(0.48)	4.0	(0.45)	10.5	(0.71)	19.8	(0.88)	2.6	(0.36)
2009–10 .....	2.8	(0.39)	23.1	(1.12)	3.2	(0.55)	2.5	(0.41)	4.8	(0.49)	2.5	(0.37)	8.6	(0.67)	16.4	(0.84)	1.7	(0.31)
2013–14 <sup>6</sup> .....	1.4	(0.31)	15.7	(1.12)	1.4	(0.26)	0.8	(0.19)	5.1	(0.54)	2.3	(0.45)	8.6	(0.74)	—	(†)	—	(†)
<b>2015–16</b>																		
<b>All schools</b> .....	<b>1.7</b>	<b>(0.33)</b>	<b>11.9</b>	<b>(0.79)</b>	<b>1.0</b>	<b>(0.19)</b>	<b>0.6</b>	<b>(0.13)</b>	<b>4.8</b>	<b>(0.51)</b>	<b>2.3</b>	<b>(0.38)</b>	<b>10.3</b>	<b>(0.80)</b>	<b>10.4</b>	<b>(0.62)</b>	<b>—</b>	<b>(†)</b>
<b>School level<sup>7</sup></b>																		
Primary .....	1.2!	(0.48)	8.1	(1.04)	‡	(†)	‡	(†)	3.6	(0.74)	1.6!	(0.59)	8.8	(1.27)	2.7	(0.66)	—	(†)
Middle .....	3.2	(0.69)	21.8	(1.59)	2.1	(0.44)	1.2!	(0.40)	8.2	(1.13)	4.9	(0.67)	15.9	(1.28)	19.4	(1.33)	—	(†)
High school .....	2.3	(0.64)	14.7	(1.37)	2.5	(0.55)	2.2	(0.59)	7.6	(1.24)	2.6	(0.52)	12.1	(1.47)	30.6	(1.70)	—	(†)
Combined .....	‡	(†)	11.0	(3.17)	‡	(†)	‡	(†)	‡	(†)	‡	(†)	4.3!	(1.89)	7.2!	(2.85)	—	(†)
<b>Enrollment size</b>																		
Less than 300 .....	‡	(†)	6.4	(1.58)	‡	(†)	‡	(†)	3.6!	(1.31)	‡	(†)	6.4	(1.62)	6.0	(1.52)	—	(†)
300 to 499 .....	‡	(†)	9.6	(1.72)	0.7!	(0.32)	0.4!	(0.19)	3.4	(1.00)	1.3	(0.37)	9.1	(1.87)	6.5	(1.17)	—	(†)
500 to 999 .....	2.3	(0.62)	14.0	(1.40)	1.4	(0.32)	0.7!	(0.27)	6.0	(0.85)	3.8	(0.91)	12.4	(1.25)	9.3	(0.79)	—	(†)
1,000 or more .....	2.6	(0.64)	22.1	(1.81)	2.4!	(0.74)	1.5!	(0.49)	7.0	(0.89)	3.8	(0.78)	14.4	(1.74)	35.0	(1.82)	—	(†)
<b>Locale</b>																		
City .....	1.8!	(0.77)	12.9	(1.45)	0.9!	(0.36)	0.9!	(0.36)	9.6	(1.58)	4.9	(1.22)	15.3	(1.90)	17.9	(1.79)	—	(†)
Suburban .....	2.3	(0.67)	10.3	(1.12)	0.9!	(0.29)	0.3!	(0.13)	3.3	(0.74)	1.9	(0.47)	8.1	(1.04)	8.7	(0.79)	—	(†)
Town .....	‡	(†)	18.3	(2.77)	1.2!	(0.62)	‡	(†)	5.4	(1.62)	1.5!	(0.53)	14.5	(2.93)	8.8	(1.45)	—	(†)
Rural .....	0.9!	(0.38)	9.7	(1.58)	1.2	(0.37)	0.8!	(0.29)	1.3!	(0.54)	‡	(†)	5.9	(1.31)	5.7	(0.99)	—	(†)
<b>Percent combined enrollment of Black, Hispanic, Asian, Pacific Islander, and American Indian/Alaska Native students, and students of Two or more races</b>																		
Less than 5 percent .....	‡	(†)	15.6	(4.31)	‡	(†)	‡	(†)	‡	(†)	‡	(†)	‡	(†)	‡	(†)	—	(†)
5 percent to less than 20 percent .....	1.0!	(0.38)	10.8	(1.61)	1.4!	(0.46)	‡	(†)	2.1!	(0.80)	0.8!	(0.36)	6.5	(1.39)	1.9	(0.44)	—	(†)
20 percent to less than 50 percent .....	1.4!	(0.54)	11.0	(1.42)	0.9	(0.26)	0.9!	(0.28)	3.6	(0.83)	1.1	(0.31)	9.9	(1.81)	7.7	(0.92)	—	(†)
50 percent or more .....	2.6	(0.67)	12.5	(1.23)	1.0	(0.30)	0.7!	(0.24)	7.9	(1.05)	4.3	(0.86)	13.7	(1.46)	18.6	(1.33)	—	(†)
<b>Percent of students eligible for free or reduced-price lunch</b>																		
0 to 25 percent .....	‡	(†)	9.5	(1.67)	1.1!	(0.49)	‡	(†)	‡	(†)	‡	(†)	3.5	(0.98)	2.5	(0.47)	—	(†)
26 to 50 percent .....	1.2!	(0.37)	10.0	(1.22)	1.3	(0.35)	0.6!	(0.22)	3.1!	(0.97)	1.5!	(0.60)	8.8	(1.58)	5.8	(0.58)	—	(†)
51 to 75 percent .....	1.8!	(0.53)	11.8	(1.65)	0.9	(0.26)	0.7!	(0.27)	5.0	(1.05)	2.4	(0.68)	9.5	(1.38)	11.0	(0.94)	—	(†)
76 to 100 percent .....	3.1!	(1.01)	15.3	(1.91)	‡	(†)	‡	(†)	8.9	(1.39)	4.4	(1.16)	16.7	(1.90)	19.2	(2.10)	—	(†)

See notes at end of table.

**Table 230.10. Percentage of public schools reporting selected discipline problems that occurred at school, by frequency and selected school characteristics: Selected years, 1999–2000 through 2015–16—Continued**

[Standard errors appear in parentheses]

Year and school characteristic	Happens at least once a week <sup>1</sup>								Happens at all <sup>2</sup>									
	Student racial/ethnic tensions <sup>3</sup>		Student bullying <sup>4</sup>		Student sexual harassment of other students		Student harassment of other students based on sexual orientation or gender identity <sup>5</sup>		Student verbal abuse of teachers		Widespread disorder in classrooms		Student acts of disrespect for teachers other than verbal abuse		Gang activities		Cult or extremist group activities	
1	2		3		4		5		6		7		8		9		10	
Student/teacher ratio <sup>6</sup>																		
Less than 12 .....	‡	(†)	9.2	(2.45)	‡	(†)	‡	(†)	2.5!	(0.79)	2.7!	(1.06)	4.5	(1.25)	4.4	(0.86)	—	(†)
12 to 16 .....	1.1!	(0.34)	9.1	(1.10)	0.9!	(0.32)	0.6!	(0.30)	5.8	(1.09)	2.9	(0.83)	12.1	(1.52)	9.4	(1.17)	—	(†)
More than 16 .....	2.6	(0.60)	14.5	(1.16)	1.0	(0.21)	0.7	(0.17)	4.7	(0.65)	1.8	(0.38)	10.6	(1.07)	12.7	(1.08)	—	(†)
Prevalence of violent incidents <sup>7</sup> at school during school year																		
No violent incidents .....	‡	(†)	3.3!	(1.02)	‡	(†)	‡	(†)	‡	(†)	‡	(†)	4.6	(1.16)	2.5!	(0.99)	—	(†)
Any violent incidents .....	2.2	(0.44)	15.8	(1.11)	1.4	(0.26)	0.9	(0.19)	6.7	(0.68)	3.3	(0.54)	12.9	(1.07)	13.9	(0.87)	—	(†)

—Not available.

†Not applicable.

!Interpret data with caution. The coefficient of variation (CV) for this estimate is between 30 and 50 percent.

‡Reporting standards not met. Either there are too few cases for a reliable estimate or the coefficient of variation (CV) is 50 percent or greater.

<sup>1</sup>Includes schools that reported the activity happens either at least once a week or daily.

<sup>2</sup>Includes schools that reported the activity happens at all at their school during the school year. In the 1999–2000 survey administration, the questionnaire specified “undesirable” gang activities and “undesirable” cult or extremist group activities. The 2013–14 and 2015–16 questionnaires did not ask about cult or extremist group activities.

<sup>3</sup>Prior to the 2007–08 survey administration, the questionnaire wording was “student racial tensions.”

<sup>4</sup>The 2015–16 questionnaire defined bullying as “any unwanted aggressive behavior(s) by another youth or group of youths who are not siblings or current dating partners that involves an observed or perceived power imbalance and is repeated multiple times or is highly likely to be repeated.” The term was not defined for respondents in previous survey administrations.

<sup>5</sup>Prior to 2015–16, the questionnaire asked about “student harassment of other students based on sexual orientation or gender identity (i.e., lesbian, gay, bisexual, transgender, questioning)” in one single item. The 2015–16 questionnaire had one item asking about “student harassment of other students based on sexual orientation,” followed by a separate item on “student harassment of other students based on gender identity.” For 2015–16, schools are included in this column if they responded “daily” or “at least once a week” to either or both of these items; each school is counted only once, even if it indicated daily/weekly frequency for both items. The 2015–16 questionnaire provided definitions for sexual orientation—“one’s emotional or physical attraction to the same and/or opposite sex”—and gender identity—“one’s inner sense of one’s own gender, which may or may not match the sex assigned at birth. Different people choose to express their gender identity differently...” These terms were not defined for respondents in previous survey administrations.

<sup>6</sup>Data for 2013–14 were collected using the Fast Response Survey System (FRSS), while data for all other years were collected using the School Survey on Crime and Safety (SSOCS). The 2013–14 FRSS survey was designed to allow comparisons with SSOCS data. However, respondents to the 2013–14 survey could choose either to complete the survey on paper (and mail

it back) or to complete the survey online, whereas respondents to SSOCS did not have the option of completing the survey online. The 2013–14 survey also relied on a smaller sample. The smaller sample size and difference in survey administration may have impacted the 2013–14 results.

<sup>7</sup>Primary schools are defined as schools in which the lowest grade is not higher than grade 3 and the highest grade is not higher than grade 8. Middle schools are defined as schools in which the lowest grade is not lower than grade 4 and the highest grade is not higher than grade 9. High schools are defined as schools in which the lowest grade is not lower than grade 9 and the highest grade is not higher than grade 12. Combined schools include all other combinations of grades, including K–12 schools.

<sup>8</sup>Student/teacher ratio was calculated by dividing the total number of students enrolled in the school, as reported on SSOCS, by the total number of full-time-equivalent (FTE) teachers. Information regarding the total number of FTE teachers was obtained from the Common Core of Data (CCD), the sampling frame for SSOCS.

<sup>9</sup>“Violent incidents” include rape or attempted rape, sexual assault other than rape, physical attack or fight with or without a weapon, threat of physical attack or fight with or without a weapon, and robbery with or without a weapon. Respondents were instructed to include violent incidents that occurred before, during, or after normal school hours or when school activities or events were in session.

NOTE: Responses were provided by the principal or the person most knowledgeable about crime and safety issues at the school. “At school” was defined for respondents to include activities that happen in school buildings, on school grounds, on school buses, and at places that hold school-sponsored events or activities. Respondents were instructed to respond only for those times that were during normal school hours or when school activities or events were in session, unless the survey specified otherwise.

SOURCE: U.S. Department of Education, National Center for Education Statistics, 1999–2000, 2003–04, 2005–06, 2007–08, 2009–10, and 2015–16 School Survey on Crime and Safety (SSOCS), 2000, 2004, 2006, 2008, 2010, and 2016; and Fast Response Survey System (FRSS), “School Safety and Discipline: 2013–14,” FRSS 106, 2014. (This table was prepared August 2017.)

**Table 230.20. Percentage of students ages 12–18 who reported that gangs were present at school during the school year, by selected student and school characteristics and urbanicity: Selected years, 2001 through 2015**

[Standard errors appear in parentheses]

Year and urbanicity	Total	Sex		Race/ethnicity <sup>1</sup>					Grade						Control of school		
		Male	Female	White	Black	Hispanic	Asian	Other	6th grade	7th grade	8th grade	9th grade	10th grade	11th grade	12th grade	Public	Private
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
<b>2001<sup>2</sup></b>																	
<b>Total</b> .....	<b>20.1 (0.71)</b>	<b>21.4 (0.86)</b>	<b>18.8 (0.90)</b>	<b>15.5 (0.72)</b>	<b>28.6 (1.90)</b>	<b>32.0 (1.82)</b>	— (†)	<b>21.4 (2.18)</b>	<b>11.2 (1.28)</b>	<b>15.7 (1.09)</b>	<b>17.3 (1.22)</b>	<b>24.3 (1.27)</b>	<b>23.6 (1.48)</b>	<b>24.2 (1.56)</b>	<b>21.1 (1.54)</b>	<b>21.6 (0.77)</b>	<b>4.9 (1.05)</b>
Urban .....	28.9 (1.23)	31.9 (1.62)	25.9 (1.52)	20.5 (1.28)	32.4 (2.79)	40.3 (2.45)	— (†)	27.0 (4.41)	14.9 (2.45)	23.7 (2.54)	24.0 (2.66)	35.3 (2.77)	33.1 (3.08)	34.2 (3.18)	34.1 (3.21)	31.9 (1.35)	5.0 (1.38)
Suburban .....	18.3 (0.72)	18.9 (0.92)	17.5 (1.08)	15.4 (0.75)	25.4 (2.79)	27.1 (2.25)	— (†)	20.0 (2.95)	9.0 (1.52)	13.7 (1.16)	16.6 (1.50)	20.8 (1.48)	22.3 (1.58)	22.7 (1.71)	18.6 (1.81)	19.5 (0.80)	4.3! (1.45)
Rural .....	13.3 (1.71)	14.0 (2.08)	12.5 (1.84)	12.1 (1.70)	22.5 (5.78)	16.8! (7.49)	— (†)	‡ (†)	11.0 (2.78)	8.9 (1.87)	10.1 (2.24)	18.9 (3.03)	14.4 (3.05)	15.8 (3.85)	11.5! (4.51)	13.7 (1.80)	‡ (†)
<b>2003<sup>2</sup></b>																	
<b>Total</b> .....	<b>20.9 (0.70)</b>	<b>22.3 (0.95)</b>	<b>19.5 (0.79)</b>	<b>14.2 (0.59)</b>	<b>29.5 (2.14)</b>	<b>37.2 (1.76)</b>	— (†)	<b>22.0 (2.54)</b>	<b>10.9 (1.28)</b>	<b>16.3 (1.14)</b>	<b>17.9 (1.29)</b>	<b>26.1 (1.44)</b>	<b>26.3 (1.37)</b>	<b>23.4 (1.64)</b>	<b>22.2 (1.50)</b>	<b>22.5 (0.78)</b>	<b>3.9 (0.82)</b>
Urban .....	30.9 (1.33)	32.1 (1.71)	29.7 (1.84)	19.8 (1.71)	32.8 (2.43)	42.6 (2.17)	— (†)	30.6 (4.09)	21.6 (3.42)	25.5 (2.32)	25.2 (2.63)	38.2 (3.25)	35.3 (2.82)	34.6 (2.81)	34.8 (2.75)	33.7 (1.50)	6.0 (1.62)
Suburban .....	18.4 (0.84)	20.5 (1.07)	16.3 (0.92)	13.8 (0.67)	28.3 (3.93)	34.6 (2.14)	— (†)	18.2 (2.96)	7.5 (1.25)	13.2 (1.28)	16.2 (1.65)	24.3 (1.58)	24.1 (1.72)	20.4 (2.34)	19.3 (1.91)	19.9 (0.91)	2.4! (0.78)
Rural .....	12.3 (1.81)	12.2 (2.00)	12.4 (2.34)	10.7 (1.42)	21.8! (7.17)	12.7! (4.11)	— (†)	‡ (†)	‡ (†)	9.4 (2.56)	10.9! (3.26)	13.8 (3.00)	18.0 (3.50)	15.0 (3.30)	13.3 (3.60)	12.8 (2.02)	‡ (†)
<b>2005<sup>2</sup></b>																	
<b>Total</b> .....	<b>24.2 (0.93)</b>	<b>25.3 (1.07)</b>	<b>22.9 (1.09)</b>	<b>16.8 (0.83)</b>	<b>37.6 (2.41)</b>	<b>38.9 (2.69)</b>	<b>20.2 (2.59)</b>	<b>27.7 (4.62)</b>	<b>12.1 (1.41)</b>	<b>17.3 (1.21)</b>	<b>19.1 (1.79)</b>	<b>28.3 (1.59)</b>	<b>32.6 (1.89)</b>	<b>28.0 (1.89)</b>	<b>27.9 (2.16)</b>	<b>25.8 (1.01)</b>	<b>4.2 (0.94)</b>
Urban .....	36.2 (2.00)	37.4 (2.31)	35.0 (2.42)	23.7 (1.87)	41.8 (2.93)	48.9 (4.44)	25.0 (5.16)	33.9 (8.68)	19.9 (3.11)	24.2 (2.64)	30.5 (3.81)	40.3 (3.70)	50.6 (3.79)	44.3 (3.89)	39.5 (3.29)	39.1 (2.12)	7.7 (2.26)
Suburban .....	20.8 (0.93)	22.4 (1.14)	19.1 (1.15)	16.0 (0.87)	36.2 (4.41)	32.1 (2.52)	18.1 (2.87)	29.0 (6.12)	8.9 (1.52)	14.9 (1.46)	14.6 (2.01)	24.8 (1.92)	27.9 (2.37)	25.5 (2.21)	25.1 (2.60)	22.3 (1.01)	3.0! (1.02)
Rural .....	16.4 (2.53)	16.1 (3.20)	16.7 (2.79)	14.1 (2.46)	24.4 (6.75)	26.2 (6.51)	19.0! (9.22)	‡ (†)	8.3 (3.29)	15.2 (3.46)	14.7 (4.22)	21.0 (4.00)	22.0 (3.61)	13.3! (4.36)	15.8! (5.82)	17.2 (2.67)	‡ (†)
<b>2007</b>																	
<b>Total</b> .....	<b>23.2 (0.80)</b>	<b>25.1 (1.07)</b>	<b>21.3 (0.87)</b>	<b>16.0 (0.70)</b>	<b>37.6 (2.26)</b>	<b>36.1 (2.04)</b>	<b>17.4 (2.72)</b>	<b>26.4 (3.63)</b>	<b>15.3 (1.99)</b>	<b>17.4 (1.28)</b>	<b>20.6 (1.68)</b>	<b>28.0 (1.51)</b>	<b>28.1 (1.73)</b>	<b>25.9 (1.61)</b>	<b>24.4 (1.69)</b>	<b>24.9 (0.87)</b>	<b>5.2 (1.14)</b>
Urban .....	32.3 (1.49)	35.3 (2.01)	29.2 (1.62)	23.4 (1.98)	39.7 (3.07)	40.4 (2.90)	18.4 (4.30)	31.9 (6.10)	17.8 (3.45)	24.1 (2.96)	25.9 (2.90)	41.1 (3.40)	38.6 (3.36)	34.7 (3.05)	38.4 (4.01)	35.6 (1.61)	7.3 (2.07)
Suburban .....	21.0 (0.97)	23.1 (1.36)	18.9 (1.19)	15.9 (0.92)	35.5 (3.16)	33.3 (2.66)	16.3 (3.63)	29.0 (5.14)	14.0 (2.40)	15.4 (1.67)	19.6 (2.23)	23.1 (1.78)	26.6 (2.01)	23.6 (2.22)	22.4 (2.26)	22.7 (1.05)	2.8! (1.09)
Rural .....	15.5 (2.78)	14.9 (2.69)	16.1 (3.18)	10.9 (1.59)	36.8 (10.42)	27.5! (10.34)	‡ (†)	14.3! (6.01)	15.6! (6.21)	13.1 (2.79)	14.7 (4.26)	21.7 (4.43)	15.2 (3.39)	18.7 (3.98)	7.6! (2.90)	15.6 (2.91)	11.8! (5.84)
<b>2009</b>																	
<b>Total</b> .....	<b>20.4 (0.85)</b>	<b>20.9 (1.12)</b>	<b>19.9 (1.03)</b>	<b>14.1 (0.79)</b>	<b>31.4 (2.62)</b>	<b>33.0 (2.20)</b>	<b>17.2 (3.21)</b>	<b>15.3 (4.07)</b>	<b>11.0 (1.76)</b>	<b>14.8 (1.70)</b>	<b>15.9 (1.60)</b>	<b>24.9 (2.01)</b>	<b>27.7 (1.75)</b>	<b>22.6 (1.53)</b>	<b>21.9 (2.02)</b>	<b>22.0 (0.89)</b>	<b>2.3! (0.82)</b>
Urban .....	30.7 (1.86)	32.8 (2.35)	28.6 (2.29)	19.4 (1.99)	40.0 (3.76)	38.9 (3.31)	18.9 (4.63)	23.2! (9.05)	14.5 (4.13)	21.0 (3.37)	24.4 (3.24)	34.2 (4.01)	44.8 (3.41)	34.9 (4.08)	36.0 (4.32)	33.7 (1.94)	4.1! (1.83)
Suburban .....	16.6 (0.80)	17.2 (1.10)	16.0 (1.17)	13.5 (0.91)	20.2 (2.75)	28.3 (2.64)	14.5 (3.95)	14.8! (6.41)	9.7 (1.90)	11.2 (1.89)	11.8 (1.73)	22.4 (2.10)	21.0 (2.07)	19.4 (1.88)	17.6 (2.29)	18.1 (0.85)	‡ (†)
Rural .....	16.0 (3.08)	13.7 (3.37)	18.1 (3.18)	11.8 (2.09)	35.4 (9.77)	27.3! (10.84)	‡ (†)	‡ (†)	8.3! (3.11)	16.5 (4.19)	14.2! (4.41)	18.8 (5.04)	19.6 (5.02)	13.4 (3.50)	17.3! (5.37)	16.2 (3.18)	‡ (†)
<b>2011</b>																	
<b>Total</b> .....	<b>17.5 (0.71)</b>	<b>17.5 (0.95)</b>	<b>17.5 (0.88)</b>	<b>11.1 (0.67)</b>	<b>32.7 (2.23)</b>	<b>26.4 (1.55)</b>	<b>9.9 (2.24)</b>	<b>9.9 (2.12)</b>	<b>8.2 (1.20)</b>	<b>10.2 (1.08)</b>	<b>11.3 (1.02)</b>	<b>21.7 (1.47)</b>	<b>23.0 (1.63)</b>	<b>23.2 (1.74)</b>	<b>21.3 (1.82)</b>	<b>18.9 (0.77)</b>	<b>1.9! (0.69)</b>
Urban .....	22.8 (1.34)	23.0 (1.90)	22.6 (1.53)	13.9 (1.60)	31.6 (2.75)	31.0 (2.34)	7.6! (2.29)	12.3 (3.41)	5.4! (1.98)	11.7 (2.02)	16.2 (2.29)	27.5 (3.12)	31.1 (3.13)	28.1 (3.17)	32.9 (3.88)	25.7 (1.47)	‡ (†)
Suburban .....	16.1 (0.97)	16.5 (1.24)	15.6 (1.18)	11.3 (0.89)	33.5 (4.08)	23.2 (1.95)	12.0! (3.69)	10.4! (3.54)	8.6 (1.79)	9.3 (1.37)	9.0 (1.22)	18.9 (1.79)	21.5 (2.10)	23.7 (2.46)	18.5 (2.27)	17.1 (1.01)	2.9! (1.20)
Rural .....	12.1 (2.42)	10.2 (2.23)	14.1 (3.18)	7.7 (1.31)	34.5 (6.62)	22.1! (10.47)	‡ (†)	‡ (†)	11.1 (2.97)	10.1 (2.64)	9.6! (2.89)	19.3 (4.99)	13.9 (4.02)	10.6 (3.69)	9.2! (3.04)	12.5 (2.49)	‡ (†)
<b>2013</b>																	
<b>Total</b> .....	<b>12.4 (0.62)</b>	<b>12.9 (0.85)</b>	<b>12.0 (0.73)</b>	<b>7.5 (0.63)</b>	<b>18.6 (1.72)</b>	<b>20.1 (1.34)</b>	<b>9.4 (1.85)</b>	<b>14.3 (2.68)</b>	<b>5.0 (1.15)</b>	<b>7.7 (0.96)</b>	<b>7.8 (0.96)</b>	<b>13.9 (1.43)</b>	<b>17.7 (1.46)</b>	<b>17.1 (1.65)</b>	<b>14.6 (1.58)</b>	<b>13.3 (0.67)</b>	<b>2.3! (0.94)</b>
Urban .....	18.3 (1.23)	18.6 (1.61)	18.0 (1.38)	14.3 (1.73)	20.6 (2.36)	22.6 (2.15)	10.4 (2.61)	17.9! (5.59)	9.6 (2.75)	12.0 (2.44)	13.2 (2.30)	19.6 (2.53)	24.8 (2.86)	26.7 (3.21)	18.2 (3.07)	19.9 (1.35)	4.6! (2.08)
Suburban .....	10.8 (0.76)	11.7 (1.09)	9.8 (0.92)	6.5 (0.76)	17.3 (3.02)	19.3 (1.69)	8.2! (2.59)	13.0 (3.29)	3.0! (1.25)	6.6 (1.14)	6.3 (1.19)	12.2 (1.95)	15.4 (1.91)	15.1 (2.00)	14.1 (2.06)	11.7 (0.82)	‡ (†)
Rural .....	6.8 (1.44)	5.7 (1.38)	7.9 (1.92)	4.1 (1.20)	16.1 (4.49)	9.4! (4.52)	‡ (†)	11.9! (5.43)	‡ (†)	4.2! (1.88)	‡ (†)	8.0! (3.19)	11.3 (3.37)	8.1! (3.32)	9.0! (3.56)	6.8 (1.47)	‡ (†)
<b>2015</b>																	
<b>Total</b> .....	<b>10.7 (0.60)</b>	<b>10.9 (0.79)</b>	<b>10.4 (0.82)</b>	<b>7.4 (0.56)</b>	<b>17.1 (1.85)</b>	<b>15.3 (1.45)</b>	<b>4.1! (1.47)</b>	<b>12.7 (3.20)</b>	<b>5.7 (1.13)</b>	<b>6.8 (0.95)</b>	<b>7.2 (1.00)</b>	<b>13.3 (1.42)</b>	<b>13.3 (1.27)</b>	<b>13.3 (1.74)</b>	<b>13.1 (1.58)</b>	<b>11.3 (0.64)</b>	<b>2.4! (0.90)</b>
Urban .....	15.3 (1.22)	14.8 (1.74)	15.8 (1.60)	12.3 (1.69)	19.3 (2.93)	17.8 (2.19)	5.9! (2.66)	17.5! (6.58)	6.4! (2.02)	9.0 (2.10)	10.9 (2.21)	19.5 (3.12)	19.8 (2.48)	21.9 (3.69)	17.3 (3.12)	16.4 (1.31)	4.4! (1.89)
Suburban .....	10.2 (0.75)	10.7 (1.07)	9.6 (0.98)	7.1 (0.77)	19.3 (2.50)	14.7 (1.82)	‡ (†)	11.4! (4.12)	6.0 (1.46)	5.8 (1.11)	6.3 (1.37)	13.4 (1.93)	12.1 (1.82)	12.1 (2.02)	13.3 (2.07)	10.7 (0.80)	‡ (†)
Rural .....	3.9 (0.90)	4.2 (1.19)	3.7 (1.03)	3.5 (0.92)	3.4! (1.71)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	5.5! (1.96)	3.2! (1.60)	4.5! (1.80)	5.3! (2.63)	‡ (†)	‡ (†)	4.1 (0.93)	‡ (†)

—Not available.

†Not applicable.

!Interpret data with caution. The coefficient of variation (CV) for this estimate is between 30 and 50 percent.

‡Reporting standards not met. Either there are too few cases for a reliable estimate or the coefficient of variation (CV) is 50 percent or greater.

<sup>1</sup>Race categories exclude persons of Hispanic ethnicity. "Other" includes American Indians/Alaska Natives, Asians (prior to 2005), Pacific Islanders, and, from 2003 onward, persons of Two or more races. Due to changes in racial/ethnic categories, comparisons of race/ethnicity across years should be made with caution.

<sup>2</sup>In 2005 and prior years, the period covered by the survey question was "during the last 6 months," whereas the period was "during this school year" beginning in 2007. Cognitive testing showed that estimates for earlier years are comparable to those for 2007 and later years.

NOTE: "Urbanicity" refers to the Standard Metropolitan Statistical Area (MSA) status of the respondent's household as defined by the U.S. Census Bureau. Categories include "central city of an MSA (Urban)," "in MSA but not in central city (Suburban)," and "not MSA (Rural)." All gangs, whether or not they are involved in violent or illegal activity, are included. "At school" includes in the school building, on school property, on a school bus, and going to and from school.

SOURCE: U.S. Department of Justice, Bureau of Justice Statistics, School Crime Supplement (SCS) to the National Crime Victimization Survey, 2001 through 2015. (This table was prepared August 2016.)

**Table 230.30. Percentage of students ages 12–18 who reported being the target of hate-related words and seeing hate-related graffiti at school during the school year, by selected student and school characteristics: Selected years, 1999 through 2015**

[Standard errors appear in parentheses]

Student or school characteristic	1999 <sup>1</sup>	2001 <sup>1</sup>	2003 <sup>1</sup>	2005 <sup>1</sup>	2007	2009	2011	2013	2015
1	2	3	4	5	6	7	8	9	10
<b>Hate-related words</b>									
<b>Total</b>	— (†)	12.3 (0.46)	11.7 (0.47)	11.2 (0.50)	9.7 (0.43)	8.7 (0.52)	9.1 (0.48)	6.6 (0.40)	7.2 (0.43)
<b>Sex</b>									
Male	— (†)	12.8 (0.65)	12.0 (0.61)	11.7 (0.68)	9.9 (0.61)	8.5 (0.62)	9.0 (0.60)	6.6 (0.51)	7.8 (0.58)
Female	— (†)	11.7 (0.52)	11.3 (0.64)	10.7 (0.64)	9.6 (0.57)	8.9 (0.72)	9.1 (0.68)	6.7 (0.53)	6.7 (0.61)
<b>Race/ethnicity<sup>2</sup></b>									
White	— (†)	12.1 (0.58)	10.9 (0.56)	10.3 (0.60)	8.9 (0.50)	7.2 (0.59)	8.3 (0.59)	5.3 (0.43)	6.3 (0.60)
Black	— (†)	13.9 (1.08)	14.2 (1.35)	15.1 (1.48)	11.4 (1.35)	11.1 (1.35)	10.7 (1.30)	7.8 (1.20)	9.4 (1.07)
Hispanic	— (†)	11.0 (1.15)	11.4 (0.96)	10.5 (1.15)	10.6 (1.18)	11.2 (1.13)	9.8 (0.98)	7.4 (0.84)	6.5 (0.78)
Asian	— (†)	— (†)	— (†)	10.9 (2.56)	11.1 (1.97)	10.7 (2.81)	9.0 (2.00)	10.3 (2.19)	10.8 (2.39)
Other	— (†)	13.6 (2.05)	14.1 (2.03)	14.2 (3.27)	10.6 (2.71)	10.0 (2.37)	10.4 (2.61)	11.2 (2.47)	11.4 (2.33)
<b>Grade</b>									
6th	— (†)	12.1 (1.26)	11.9 (1.31)	11.1 (1.58)	12.1 (1.54)	8.3 (1.39)	9.0 (1.43)	6.7 (1.33)	10.1 (1.58)
7th	— (†)	14.1 (1.13)	12.5 (1.04)	13.1 (1.16)	10.7 (1.02)	9.6 (1.22)	9.9 (1.02)	7.5 (0.89)	7.0 (1.03)
8th	— (†)	13.0 (1.07)	12.8 (0.92)	11.2 (1.04)	11.0 (1.19)	10.9 (1.22)	8.4 (0.94)	7.4 (1.01)	9.2 (1.11)
9th	— (†)	12.1 (1.00)	13.5 (1.23)	12.8 (1.12)	10.9 (1.08)	8.0 (1.09)	10.2 (1.10)	6.6 (0.94)	7.4 (0.89)
10th	— (†)	13.1 (0.95)	11.6 (1.12)	10.9 (1.04)	9.0 (0.99)	9.7 (1.18)	9.6 (1.14)	6.4 (0.97)	6.5 (0.94)
11th	— (†)	12.7 (1.13)	8.3 (0.97)	9.0 (1.17)	8.6 (1.01)	8.4 (1.14)	8.7 (1.01)	7.5 (1.01)	6.0 (0.97)
12th	— (†)	7.9 (0.87)	10.8 (1.25)	9.7 (1.35)	6.0 (0.98)	5.8 (0.96)	7.5 (1.01)	4.1 (0.78)	5.4 (0.99)
<b>Urbanicity<sup>3</sup></b>									
Urban	— (†)	11.9 (0.73)	13.2 (0.83)	12.2 (0.86)	9.7 (0.83)	9.9 (0.93)	8.0 (0.77)	7.2 (0.76)	6.5 (0.68)
Suburban	— (†)	12.4 (0.63)	10.7 (0.58)	9.4 (0.52)	9.3 (0.62)	8.3 (0.64)	9.8 (0.71)	6.6 (0.50)	8.3 (0.62)
Rural	— (†)	12.4 (1.11)	12.2 (1.35)	15.5 (1.74)	11.0 (1.07)	8.1 (1.37)	8.5 (1.00)	5.7 (0.80)	4.9 (0.85)
<b>Control of school</b>									
Public	— (†)	12.7 (0.51)	11.9 (0.49)	11.6 (0.53)	10.1 (0.46)	8.9 (0.54)	9.3 (0.50)	6.6 (0.41)	7.6 (0.45)
Private	— (†)	8.2 (1.13)	9.7 (1.11)	6.8 (1.18)	6.1 (1.25)	6.6 (1.62)	6.9 (1.29)	6.7 (1.41)	2.8! (0.96)
<b>Hate-related graffiti</b>									
<b>Total</b>	36.3 (0.94)	35.5 (0.75)	36.3 (0.84)	38.4 (0.83)	34.9 (0.89)	29.2 (0.96)	28.4 (0.88)	24.6 (0.88)	27.2 (0.98)
<b>Sex</b>									
Male	33.8 (1.06)	34.9 (0.89)	35.0 (0.97)	37.7 (1.10)	34.4 (1.12)	29.0 (1.26)	28.6 (1.11)	24.1 (1.11)	26.3 (1.20)
Female	38.9 (1.14)	36.1 (0.92)	37.6 (1.06)	39.1 (0.93)	35.4 (1.12)	29.3 (1.09)	28.1 (1.07)	25.1 (1.05)	28.1 (1.25)
<b>Race/ethnicity<sup>2</sup></b>									
White	36.4 (1.20)	36.2 (0.95)	35.2 (0.86)	38.5 (0.96)	35.5 (1.05)	28.3 (1.10)	28.2 (1.19)	23.7 (1.20)	28.6 (1.42)
Black	37.6 (1.71)	33.6 (1.52)	38.1 (1.95)	38.0 (2.29)	33.7 (2.37)	29.0 (2.44)	28.1 (1.90)	26.3 (2.10)	24.9 (1.92)
Hispanic	35.6 (1.46)	35.1 (1.87)	40.3 (2.24)	38.0 (1.78)	34.8 (1.76)	32.2 (1.61)	29.1 (1.33)	25.6 (1.52)	26.7 (1.48)
Asian	— (†)	— (†)	— (†)	34.5 (3.76)	28.2 (3.01)	31.2 (3.59)	29.9 (4.56)	20.8 (3.22)	17.5 (2.62)
Other	32.2 (2.53)	32.1 (2.82)	31.4 (2.83)	46.9 (4.68)	38.7 (3.44)	25.8 (4.20)	25.9 (3.79)	28.4 (3.52)	29.7 (4.22)
<b>Grade</b>									
6th	30.3 (1.82)	34.9 (1.88)	35.7 (1.83)	34.0 (2.24)	35.5 (2.30)	28.1 (2.26)	25.9 (2.13)	21.9 (1.77)	30.0 (2.36)
7th	34.9 (1.43)	34.9 (1.36)	37.2 (1.41)	37.0 (1.63)	32.3 (1.52)	27.9 (1.88)	26.0 (1.70)	21.7 (1.49)	24.7 (1.77)
8th	35.6 (1.51)	36.7 (1.40)	34.2 (1.53)	35.7 (1.61)	33.5 (1.81)	30.8 (1.80)	25.9 (1.55)	24.0 (1.80)	27.2 (2.05)
9th	39.2 (1.55)	35.7 (1.55)	37.0 (1.48)	41.6 (1.64)	34.5 (1.77)	28.1 (1.83)	28.7 (1.69)	27.2 (1.74)	28.2 (1.88)
10th	38.9 (1.77)	36.2 (1.49)	40.7 (1.67)	40.7 (1.83)	36.4 (1.69)	31.0 (2.03)	33.3 (1.78)	26.0 (1.58)	28.6 (1.85)
11th	37.0 (1.74)	36.1 (1.76)	36.6 (1.74)	40.2 (1.70)	35.3 (1.81)	27.4 (2.01)	32.1 (1.70)	25.8 (2.03)	26.2 (1.72)
12th	35.6 (2.04)	33.0 (1.79)	32.2 (1.78)	37.8 (2.34)	37.7 (2.03)	30.4 (2.00)	25.7 (1.51)	24.2 (1.91)	26.1 (1.97)
<b>Urbanicity<sup>3</sup></b>									
Urban	37.0 (1.18)	35.7 (1.21)	38.6 (1.27)	40.9 (1.43)	34.4 (1.36)	31.1 (1.56)	27.5 (1.49)	27.8 (1.48)	26.4 (1.48)
Suburban	37.3 (1.12)	36.0 (0.87)	35.9 (1.16)	38.0 (1.02)	34.2 (1.03)	28.6 (1.15)	29.9 (1.08)	23.7 (1.11)	28.0 (1.09)
Rural	32.7 (2.60)	33.8 (2.56)	33.9 (1.97)	35.8 (2.40)	37.8 (3.06)	27.7 (2.43)	24.9 (2.25)	21.6 (2.71)	25.7 (3.50)
<b>Control of school</b>									
Public	38.0 (0.97)	37.3 (0.80)	37.9 (0.90)	40.0 (0.87)	36.4 (0.93)	30.7 (1.01)	29.7 (0.95)	25.6 (0.94)	28.3 (1.04)
Private	20.7 (1.85)	16.8 (1.34)	19.5 (1.75)	18.6 (1.97)	18.5 (2.07)	11.8 (1.93)	13.4 (1.56)	12.6 (1.74)	11.5 (1.82)

—Not available.

†Not applicable.

!Interpret data with caution. The coefficient of variation (CV) for this estimate is between 30 and 50 percent.

<sup>1</sup>In 2005 and prior years, the period covered by the survey question was “during the last 6 months,” whereas the period was “during this school year” beginning in 2007. Cognitive testing showed that estimates for earlier years are comparable to those for 2007 and later years.

<sup>2</sup>Race categories exclude persons of Hispanic ethnicity. “Other” includes American Indians/Alaska Natives, Asians (prior to 2005), Pacific Islanders, and, from 2003 onward, persons of Two or more races. Due to changes in racial/ethnic categories, comparisons of race/ethnicity across years should be made with caution.

<sup>3</sup>Refers to the Standard Metropolitan Statistical Area (MSA) status of the respondent’s household as defined by the U.S. Census Bureau. Categories include “central city of an MSA (Urban),” “in MSA but not in central city (Suburban),” and “not MSA (Rural).”

NOTE: “At school” includes in the school building, on school property, on a school bus, and, from 2001 onward, going to and from school. “Hate-related” refers to derogatory terms used by others in reference to students’ personal characteristics. SOURCE: U.S. Department of Justice, Bureau of Justice Statistics, School Crime Supplement (SCS) to the National Crime Victimization Survey, 1999 through 2015. (This table was prepared August 2016.)

**Table 230.35. Percentage of students ages 12–18 who reported being the target of hate-related words at school, by type of hate-related word and selected student and school characteristics: 2015**

[Standard errors appear in parentheses]

Student or school characteristic	Total, any hate-related words <sup>1</sup>		Type of hate-related word (specific characteristic targeted)											
			Race		Ethnicity		Religion		Disability		Gender		Sexual orientation	
1	2		3		4		5		6		7		8	
<b>Total</b> .....	<b>7.2</b>	<b>(0.43)</b>	<b>3.2</b>	<b>(0.26)</b>	<b>1.8</b>	<b>(0.20)</b>	<b>1.0</b>	<b>(0.16)</b>	<b>0.7</b>	<b>(0.14)</b>	<b>1.3</b>	<b>(0.20)</b>	<b>1.0</b>	<b>(0.16)</b>
<b>Sex</b>														
Male .....	7.8	(0.58)	3.9	(0.41)	2.3	(0.31)	1.1	(0.21)	0.7	(0.20)	0.6	(0.18)	1.1	(0.25)
Female .....	6.7	(0.61)	2.4	(0.37)	1.2	(0.24)	0.9	(0.21)	0.6	(0.16)	1.9	(0.33)	0.8	(0.20)
<b>Race/ethnicity<sup>2</sup></b>														
White .....	6.3	(0.60)	1.7	(0.25)	0.7	(0.17)	1.2	(0.24)	0.8	(0.20)	1.6	(0.30)	1.1	(0.24)
Black .....	9.4	(1.07)	5.5	(0.92)	1.9!	(0.57)	‡	(†)	‡	(†)	1.2!	(0.56)	0.8!	(0.37)
Hispanic .....	6.5	(0.78)	3.5	(0.54)	2.5	(0.43)	0.4!	(0.18)	0.3!	(0.16)	0.7!	(0.25)	1.0!	(0.31)
Asian .....	10.8	(2.39)	8.8	(2.13)	7.2	(2.01)	‡	(†)	‡	(†)	‡	(†)	‡	(†)
Other .....	11.4	(2.33)	6.5	(1.85)	4.4!	(1.58)	2.5!	(1.23)	‡	(†)	‡	(†)	‡	(†)
<b>Grade</b>														
6th .....	10.1	(1.58)	5.2	(1.15)	2.5!	(0.92)	‡	(†)	‡	(†)	1.6!	(0.74)	1.9!	(0.88)
7th .....	7.0	(1.03)	3.2	(0.67)	2.0	(0.53)	0.5!	(0.22)	0.8!	(0.30)	0.7!	(0.29)	0.7!	(0.30)
8th .....	9.2	(1.11)	3.8	(0.75)	1.5!	(0.46)	1.4!	(0.45)	0.7!	(0.30)	1.9!	(0.57)	0.9!	(0.36)
9th .....	7.4	(0.89)	3.1	(0.65)	2.0	(0.48)	0.9!	(0.34)	‡	(†)	1.5	(0.45)	0.8!	(0.32)
10th .....	6.5	(0.94)	2.7	(0.57)	1.8	(0.52)	0.7!	(0.33)	‡	(†)	0.9!	(0.34)	1.2!	(0.43)
11th .....	6.0	(0.97)	2.2!	(0.71)	0.9!	(0.36)	‡	(†)	‡	(†)	1.4!	(0.57)	1.1!	(0.43)
12th .....	5.4	(0.99)	2.8	(0.70)	1.9!	(0.58)	1.6!	(0.55)	0.8!	(0.42)	1.0!	(0.46)	‡	(†)
<b>Urbanicity<sup>3</sup></b>														
Urban .....	6.5	(0.68)	3.0	(0.48)	1.3	(0.30)	0.4!	(0.16)	0.5!	(0.24)	0.7!	(0.24)	1.1	(0.31)
Suburban .....	8.3	(0.62)	3.9	(0.41)	2.3	(0.32)	1.3	(0.23)	0.7	(0.19)	1.6	(0.30)	1.0	(0.23)
Rural .....	4.9	(0.85)	0.9!	(0.32)	0.5!	(0.24)	1.1!	(0.38)	0.9!	(0.34)	1.3	(0.33)	0.7!	(0.30)
<b>Control of school</b>														
Public .....	7.6	(0.45)	3.3	(0.27)	1.9	(0.21)	1.0	(0.17)	0.7	(0.15)	1.4	(0.21)	1.1	(0.18)
Private .....	2.8!	(0.96)	‡	(†)	‡	(†)	‡	(†)	‡	(†)	‡	(†)	‡	(†)

†Not applicable.

!Interpret data with caution. The coefficient of variation (CV) for this estimate is between 30 and 50 percent.

‡Reporting standards not met. Either there are too few cases for a reliable estimate or the coefficient of variation (CV) is 50 percent or greater.

<sup>1</sup>Students who reported being called hate-related words were asked which specific characteristics these words were related to. If a student reported being called more than one type of hate-related word—e.g., a derogatory term related to race as well as a derogatory term related to sexual orientation—the student was counted only once in the total percentage of students who were the target of any hate-related words.

<sup>2</sup>Race categories exclude persons of Hispanic ethnicity. "Other" includes American Indians/Alaska Natives, Pacific Islanders, and persons of Two or more races.

<sup>3</sup>Refers to the Standard Metropolitan Statistical Area (MSA) status of the respondent's household as defined by the U.S. Census Bureau. Categories include "central city of an MSA (Urban)," "in MSA but not in central city (Suburban)," and "not MSA (Rural)."

NOTE: "At school" includes in the school building, on school property, on a school bus, and going to and from school. "Hate-related" refers to derogatory terms used by others in reference to students' personal characteristics.

SOURCE: U.S. Department of Justice, Bureau of Justice Statistics, School Crime Supplement (SCS) to the National Crime Victimization Survey, 2015. (This table was prepared August 2016.)

**Table 230.40. Percentage of students ages 12–18 who reported being bullied at school during the school year, by type of bullying and selected student and school characteristics: Selected years, 2005 through 2015**

[Standard errors appear in parentheses]

Year and student or school characteristic	Total bullied at school <sup>1</sup>	Type of bullying							
		Made fun of, called names, or insulted	Subject of rumors	Threatened with harm	Tried to make do things did not want to do	Excluded from activities on purpose	Property destroyed on purpose	Pushed, shoved, tripped, or spit on	
1	2	3	4	5	6	7	8	9	
<b>2005<sup>2</sup></b>									
<b>Total</b> .....	<b>28.1 (0.70)</b>	<b>18.7 (0.58)</b>	<b>14.7 (0.53)</b>	<b>4.8 (0.31)</b>	<b>3.5 (0.27)</b>	<b>4.6 (0.30)</b>	<b>3.4 (0.29)</b>	<b>9.0 (0.45)</b>	
<b>Sex</b>									
Male .....	27.1 (0.90)	18.5 (0.73)	11.0 (0.64)	5.2 (0.51)	3.9 (0.39)	4.1 (0.40)	3.5 (0.41)	10.9 (0.70)	
Female .....	29.2 (0.84)	19.0 (0.79)	18.5 (0.74)	4.4 (0.37)	3.1 (0.32)	5.2 (0.40)	3.3 (0.35)	7.1 (0.50)	
<b>Race/ethnicity<sup>3</sup></b>									
White .....	30.0 (0.84)	20.1 (0.72)	15.8 (0.66)	5.1 (0.47)	3.6 (0.35)	5.3 (0.36)	3.4 (0.35)	9.7 (0.62)	
Black .....	28.5 (2.21)	18.5 (1.72)	14.2 (1.36)	4.9 (0.76)	4.7 (1.00)	4.5 (0.91)	4.6 (0.89)	8.9 (1.14)	
Hispanic .....	22.3 (1.28)	14.7 (1.11)	12.4 (1.00)	4.6 (0.64)	2.6 (0.55)	3.0 (0.53)	2.7 (0.49)	7.6 (0.94)	
Asian .....	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	
Other .....	24.6 (2.06)	16.3 (1.82)	11.6 (1.71)	2.1 (0.59)	2.1! (0.74)	2.5! (0.79)	2.5! (0.77)	6.8 (1.19)	
<b>Grade</b>									
6th .....	36.6 (1.99)	26.3 (2.05)	16.4 (1.60)	6.4 (1.18)	4.4 (0.92)	7.4 (1.19)	3.9 (0.91)	15.1 (1.75)	
7th .....	35.0 (1.72)	25.2 (1.57)	18.9 (1.27)	6.3 (0.80)	4.7 (0.83)	7.1 (0.85)	4.6 (0.79)	15.4 (1.25)	
8th .....	30.4 (1.50)	20.4 (1.30)	14.3 (1.10)	4.3 (0.64)	3.8 (0.71)	5.4 (0.68)	4.5 (0.75)	11.3 (1.23)	
9th .....	28.1 (1.57)	18.9 (1.33)	13.8 (1.23)	5.3 (0.67)	3.2 (0.58)	3.8 (0.63)	2.7 (0.53)	8.2 (0.91)	
10th .....	24.9 (1.43)	15.5 (1.14)	13.6 (1.19)	4.9 (0.82)	3.6 (0.64)	3.6 (0.63)	2.9 (0.64)	6.8 (0.78)	
11th .....	23.0 (1.58)	14.7 (1.32)	13.4 (1.29)	3.2 (0.61)	2.8 (0.59)	3.3 (0.61)	2.6 (0.56)	4.2 (0.69)	
12th .....	19.9 (1.75)	11.3 (1.52)	12.5 (1.54)	3.5 (0.71)	1.8 (0.51)	2.2! (0.72)	2.4 (0.63)	2.9 (0.66)	
<b>Urbanicity<sup>4</sup></b>									
Urban .....	26.0 (1.29)	17.7 (0.95)	13.3 (1.07)	5.5 (0.49)	4.1 (0.53)	4.9 (0.63)	3.9 (0.58)	8.5 (0.73)	
Suburban .....	28.9 (0.81)	18.9 (0.75)	14.6 (0.64)	4.4 (0.42)	3.1 (0.33)	4.5 (0.37)	3.0 (0.32)	9.0 (0.56)	
Rural .....	29.0 (1.96)	19.8 (1.76)	17.2 (1.32)	5.0 (1.10)	3.7 (0.74)	4.5 (0.88)	3.8 (0.87)	9.9 (1.23)	
<b>Control of school<sup>5</sup></b>									
Public .....	28.6 (0.74)	19.0 (0.61)	14.9 (0.55)	5.1 (0.33)	3.5 (0.27)	4.5 (0.30)	3.5 (0.31)	9.3 (0.48)	
Private .....	22.7 (2.09)	15.3 (1.67)	12.4 (1.66)	0.9! (0.40)	3.0! (0.90)	6.2 (1.06)	2.0! (0.70)	5.5 (1.03)	
<b>2007</b>									
<b>Total</b> .....	<b>31.7 (0.74)</b>	<b>21.0 (0.62)</b>	<b>18.1 (0.61)</b>	<b>5.8 (0.35)</b>	<b>4.1 (0.27)</b>	<b>5.2 (0.30)</b>	<b>4.2 (0.28)</b>	<b>11.0 (0.42)</b>	
<b>Sex</b>									
Male .....	30.3 (0.96)	20.3 (0.83)	13.5 (0.73)	6.0 (0.50)	4.8 (0.43)	4.6 (0.40)	4.0 (0.35)	12.2 (0.58)	
Female .....	33.2 (0.99)	21.7 (0.89)	22.8 (0.91)	5.6 (0.45)	3.4 (0.32)	5.8 (0.43)	4.4 (0.41)	9.7 (0.59)	
<b>Race/ethnicity<sup>3</sup></b>									
White .....	34.1 (0.97)	23.5 (0.84)	20.3 (0.84)	6.3 (0.47)	4.8 (0.36)	6.1 (0.44)	4.2 (0.35)	11.5 (0.56)	
Black .....	30.4 (2.18)	19.5 (1.71)	15.7 (1.51)	5.8 (0.89)	3.2 (0.69)	3.7 (0.72)	5.6 (0.96)	11.3 (1.42)	
Hispanic .....	27.3 (1.53)	16.1 (1.25)	14.4 (1.27)	4.9 (0.75)	3.0 (0.71)	4.0 (0.60)	3.6 (0.67)	9.9 (1.05)	
Asian .....	18.1 (2.60)	10.6 (2.19)	8.2 (1.93)	‡ (†)	‡ (†)	‡ (†)	1.8! (0.89)	3.8! (1.25)	
Other .....	34.1 (3.03)	20.1 (3.12)	20.8 (2.98)	7.7 (2.01)	3.1! (1.23)	7.7 (2.08)	3.4! (1.30)	14.4 (2.73)	
<b>Grade</b>									
6th .....	42.7 (2.23)	31.2 (2.00)	21.3 (1.84)	7.0 (1.13)	5.4 (0.98)	7.4 (1.20)	5.2 (0.98)	17.6 (1.56)	
7th .....	35.6 (1.78)	27.6 (1.58)	20.2 (1.33)	7.4 (0.92)	4.1 (0.64)	7.7 (0.92)	6.0 (0.81)	15.8 (1.28)	
8th .....	36.9 (1.84)	25.1 (1.65)	19.7 (1.41)	6.9 (0.84)	3.6 (0.64)	5.4 (0.77)	4.6 (0.79)	14.2 (1.23)	
9th .....	30.6 (1.72)	20.3 (1.39)	18.1 (1.45)	4.6 (0.77)	5.1 (0.67)	4.5 (0.69)	3.5 (0.63)	11.4 (1.13)	
10th .....	27.7 (1.44)	17.7 (1.22)	15.0 (1.13)	5.8 (0.81)	4.6 (0.68)	4.6 (0.74)	3.4 (0.59)	8.6 (0.89)	
11th .....	28.5 (1.48)	15.3 (1.25)	18.7 (1.40)	4.9 (0.80)	4.2 (0.73)	3.9 (0.68)	4.4 (0.78)	6.5 (0.92)	
12th .....	23.0 (1.60)	12.1 (1.36)	14.1 (1.38)	4.3 (0.83)	2.1 (0.53)	3.5 (0.75)	2.4 (0.61)	4.1 (0.81)	
<b>Urbanicity<sup>4</sup></b>									
Urban .....	30.7 (1.36)	20.0 (1.09)	15.5 (1.02)	5.2 (0.54)	3.6 (0.46)	4.9 (0.57)	4.2 (0.59)	9.2 (0.76)	
Suburban .....	31.2 (1.07)	21.1 (0.84)	17.4 (0.87)	5.7 (0.48)	4.1 (0.37)	5.0 (0.42)	4.0 (0.38)	11.2 (0.60)	
Rural .....	35.2 (1.73)	22.1 (1.43)	24.1 (1.42)	7.0 (0.78)	5.1 (0.69)	6.3 (0.79)	4.9 (0.63)	13.1 (0.98)	
<b>Control of school<sup>5</sup></b>									
Public .....	32.0 (0.76)	21.1 (0.65)	18.3 (0.64)	6.2 (0.38)	4.2 (0.28)	5.2 (0.32)	4.1 (0.28)	11.4 (0.45)	
Private .....	29.1 (2.10)	20.1 (1.79)	16.0 (1.76)	1.3! (0.50)	3.6 (0.92)	5.9 (1.11)	5.0 (1.11)	6.5 (1.14)	
<b>2009</b>									
<b>Total</b> .....	<b>28.0 (0.83)</b>	<b>18.8 (0.65)</b>	<b>16.5 (0.66)</b>	<b>5.7 (0.34)</b>	<b>3.6 (0.28)</b>	<b>4.7 (0.34)</b>	<b>3.3 (0.28)</b>	<b>9.0 (0.48)</b>	
<b>Sex</b>									
Male .....	26.6 (1.04)	18.4 (0.89)	12.8 (0.79)	5.6 (0.50)	4.0 (0.43)	3.8 (0.39)	3.4 (0.40)	10.1 (0.65)	
Female .....	29.5 (1.08)	19.2 (0.95)	20.3 (0.92)	5.8 (0.50)	3.2 (0.37)	5.7 (0.52)	3.2 (0.39)	7.9 (0.64)	
<b>Race/ethnicity<sup>3</sup></b>									
White .....	29.3 (1.03)	20.5 (0.89)	17.4 (0.86)	5.4 (0.40)	3.7 (0.38)	5.2 (0.44)	3.3 (0.32)	9.1 (0.61)	
Black .....	29.1 (2.29)	18.4 (1.78)	17.7 (1.60)	7.8 (1.20)	4.8 (0.92)	4.6 (0.97)	4.6 (0.99)	9.9 (1.55)	
Hispanic .....	25.5 (1.71)	15.8 (1.34)	14.8 (1.44)	5.8 (0.87)	2.7 (0.59)	3.6 (0.68)	2.6 (0.55)	9.1 (0.97)	
Asian .....	17.3 (3.01)	9.6 (2.38)	8.1 (2.11)	‡ (†)	‡ (†)	3.4! (1.41)	‡ (†)	5.5! (1.75)	
Other .....	26.7 (4.61)	17.4 (3.83)	12.9 (3.21)	9.7! (3.01)	4.5! (1.97)	4.5! (1.85)	3.8! (1.67)	7.1! (2.39)	
<b>Grade</b>									
6th .....	39.4 (2.60)	30.6 (2.32)	21.4 (2.20)	9.3 (1.34)	4.2! (1.27)	6.6 (1.31)	4.0 (1.00)	14.5 (1.89)	
7th .....	33.1 (1.87)	23.6 (1.76)	17.3 (1.58)	5.7 (1.00)	4.6 (0.82)	5.6 (0.95)	4.6 (0.85)	13.1 (1.34)	
8th .....	31.7 (1.85)	22.8 (1.64)	18.1 (1.50)	6.8 (0.94)	5.4 (0.91)	6.9 (1.04)	6.1 (0.92)	12.8 (1.29)	
9th .....	28.0 (1.90)	19.2 (1.66)	16.6 (1.53)	7.1 (1.00)	4.0 (0.74)	4.5 (0.78)	2.9 (0.71)	9.7 (1.24)	
10th .....	26.6 (1.71)	15.0 (1.41)	17.0 (1.32)	5.8 (0.91)	3.1 (0.63)	4.0 (0.76)	2.9 (0.63)	7.3 (1.03)	
11th .....	21.1 (1.69)	13.9 (1.42)	13.9 (1.42)	4.8 (0.84)	2.5 (0.63)	3.6 (0.76)	1.5! (0.49)	4.4 (0.84)	
12th .....	20.4 (1.63)	11.1 (1.20)	13.1 (1.32)	2.0 (0.57)	1.7! (0.52)	2.6 (0.64)	1.3! (0.46)	3.0 (0.65)	

See notes at end of table.

**Table 230.40. Percentage of students ages 12–18 who reported being bullied at school during the school year, by type of bullying and selected student and school characteristics: Selected years, 2005 through 2015—Continued**  
[Standard errors appear in parentheses]

Year and student or school characteristic	Total bullied at school <sup>1</sup>	Type of bullying							
		Made fun of, called names, or insulted	Subject of rumors	Threatened with harm	Tried to make do things did not want to do	Excluded from activities on purpose	Property destroyed on purpose	Pushed, shoved, tripped, or spit on	
1	2	3	4	5	6	7	8	9	
<b>Urbanicity<sup>4</sup></b>									
Urban .....	27.4 (1.25)	17.0 (1.00)	16.5 (1.01)	6.6 (0.67)	4.2 (0.59)	4.0 (0.57)	4.2 (0.63)	9.0 (0.98)	
Suburban .....	27.5 (1.06)	19.3 (0.87)	15.5 (0.97)	5.2 (0.44)	3.2 (0.33)	5.0 (0.46)	2.9 (0.34)	8.9 (0.56)	
Rural .....	30.7 (1.99)	20.2 (1.60)	19.9 (1.56)	6.1 (0.79)	4.1 (0.80)	5.2 (0.85)	3.3 (0.64)	9.5 (1.27)	
<b>Control of school<sup>5</sup></b>									
Public .....	28.8 (0.88)	19.3 (0.68)	16.9 (0.69)	5.9 (0.37)	3.8 (0.30)	4.7 (0.36)	3.4 (0.29)	9.4 (0.52)	
Private .....	18.9 (2.16)	13.3 (1.87)	11.6 (1.75)	4.4 (1.12)	1.9! (0.76)	4.9 (1.16)	1.8! (0.68)	4.5 (1.14)	
<b>2011</b>									
<b>Total</b> .....	<b>27.8 (0.76)</b>	<b>17.6 (0.62)</b>	<b>18.3 (0.61)</b>	<b>5.0 (0.30)</b>	<b>3.3 (0.26)</b>	<b>5.6 (0.34)</b>	<b>2.8 (0.23)</b>	<b>7.9 (0.38)</b>	
<b>Sex</b>									
Male .....	24.5 (0.91)	16.2 (0.73)	13.2 (0.66)	5.0 (0.44)	3.6 (0.34)	4.8 (0.41)	3.3 (0.34)	8.9 (0.57)	
Female .....	31.4 (0.99)	19.1 (0.84)	23.8 (0.93)	5.1 (0.41)	3.0 (0.36)	6.4 (0.49)	2.3 (0.30)	6.8 (0.49)	
<b>Race/ethnicity<sup>3</sup></b>									
White .....	31.5 (1.07)	20.6 (0.89)	20.3 (0.81)	5.8 (0.44)	3.3 (0.35)	7.1 (0.51)	3.1 (0.33)	8.6 (0.55)	
Black .....	27.2 (1.97)	16.4 (1.45)	18.6 (1.79)	5.5 (0.83)	4.3 (0.79)	4.7 (0.90)	3.3 (0.72)	9.3 (1.00)	
Hispanic .....	21.9 (1.07)	12.7 (0.93)	15.1 (0.87)	3.3 (0.53)	2.9 (0.46)	2.8 (0.52)	2.4 (0.52)	6.2 (0.75)	
Asian .....	14.9 (2.70)	9.0 (2.04)	7.7 (2.03)	‡ (†)	2.7! (1.10)	2.9! (1.13)	‡ (†)	2.1! (0.95)	
Other .....	23.7 (3.38)	15.0 (2.47)	17.0 (2.94)	6.5 (1.73)	‡ (†)	5.0! (1.62)	‡ (†)	7.2 (1.81)	
<b>Grade</b>									
6th .....	37.0 (2.17)	27.0 (2.03)	23.1 (1.90)	4.9 (0.94)	3.9 (0.85)	6.6 (1.19)	3.7 (0.87)	12.7 (1.56)	
7th .....	30.3 (1.64)	22.4 (1.35)	18.3 (1.31)	6.9 (0.89)	4.5 (0.72)	7.8 (0.95)	4.0 (0.68)	12.6 (1.16)	
8th .....	30.7 (1.68)	20.7 (1.51)	19.0 (1.40)	5.3 (0.75)	2.9 (0.56)	6.4 (0.80)	4.0 (0.73)	10.8 (1.07)	
9th .....	26.5 (1.66)	16.4 (1.28)	16.3 (1.38)	5.4 (0.73)	3.3 (0.64)	4.1 (0.87)	2.5 (0.60)	7.3 (0.85)	
10th .....	28.0 (1.56)	16.9 (1.26)	19.6 (1.24)	5.1 (0.75)	3.9 (0.65)	5.3 (0.71)	2.2 (0.48)	6.7 (0.82)	
11th .....	23.8 (1.72)	12.7 (1.17)	17.1 (1.48)	4.0 (0.68)	2.4 (0.60)	4.7 (0.71)	1.8 (0.50)	3.9 (0.73)	
12th .....	22.0 (1.34)	10.6 (1.12)	16.7 (1.23)	3.5 (0.65)	2.3 (0.55)	4.3 (0.75)	1.9 (0.51)	2.7 (0.59)	
<b>Urbanicity<sup>4</sup></b>									
Urban .....	24.8 (1.28)	15.9 (1.07)	16.1 (1.05)	4.4 (0.49)	3.1 (0.38)	4.6 (0.50)	2.5 (0.38)	7.6 (0.66)	
Suburban .....	29.0 (1.07)	18.4 (0.85)	18.7 (0.86)	5.0 (0.47)	3.2 (0.33)	6.0 (0.46)	3.0 (0.35)	8.2 (0.56)	
Rural .....	29.7 (1.82)	18.4 (1.33)	21.4 (1.47)	6.3 (0.69)	3.9 (0.80)	5.8 (0.89)	3.0 (0.54)	7.3 (0.78)	
<b>Control of school<sup>5</sup></b>									
Public .....	28.4 (0.82)	17.9 (0.66)	18.8 (0.65)	5.3 (0.33)	3.3 (0.28)	5.5 (0.37)	2.9 (0.24)	8.1 (0.42)	
Private .....	21.5 (1.91)	13.9 (1.68)	12.6 (1.59)	1.6! (0.62)	2.9 (0.76)	5.6 (1.07)	2.1! (0.71)	4.7 (1.03)	
<b>2013</b>									
<b>Total</b> .....	<b>21.5 (0.66)</b>	<b>13.6 (0.51)</b>	<b>13.2 (0.50)</b>	<b>3.9 (0.27)</b>	<b>2.2 (0.21)</b>	<b>4.5 (0.30)</b>	<b>1.6 (0.20)</b>	<b>6.0 (0.39)</b>	
<b>Sex</b>									
Male .....	19.5 (0.81)	12.6 (0.70)	9.6 (0.60)	4.1 (0.38)	2.4 (0.30)	3.5 (0.34)	1.8 (0.28)	7.4 (0.59)	
Female .....	23.7 (0.98)	14.7 (0.75)	17.0 (0.80)	3.7 (0.37)	1.9 (0.27)	5.5 (0.47)	1.3 (0.25)	4.6 (0.42)	
<b>Race/ethnicity<sup>3</sup></b>									
White .....	23.7 (0.93)	15.6 (0.74)	14.6 (0.76)	4.4 (0.40)	2.0 (0.28)	5.4 (0.46)	1.5 (0.24)	6.1 (0.49)	
Black .....	20.3 (1.81)	10.5 (1.22)	12.7 (1.40)	3.2 (0.68)	2.7 (0.59)	2.7 (0.71)	2.0 (0.54)	6.0 (0.97)	
Hispanic .....	19.2 (1.30)	12.1 (1.13)	11.5 (1.02)	4.0 (0.58)	1.6 (0.32)	3.5 (0.53)	1.4 (0.38)	6.3 (0.79)	
Asian .....	9.2 (1.67)	7.5 (1.63)	3.7 (0.95)	‡ (†)	3.8! (1.32)	2.2! (0.71)	1.6! (0.78)	2.0! (0.85)	
Other .....	25.2 (3.60)	16.5 (2.99)	17.3 (3.05)	4.3! (1.56)	4.0! (1.38)	6.5 (1.85)	2.1! (1.00)	8.5 (1.90)	
<b>Grade</b>									
6th .....	27.8 (2.31)	21.3 (2.15)	16.1 (1.61)	5.9 (1.13)	3.4 (0.88)	6.5 (1.20)	3.1 (0.77)	11.0 (1.46)	
7th .....	26.4 (1.65)	17.9 (1.35)	15.5 (1.35)	6.1 (0.88)	3.0 (0.52)	6.3 (0.86)	2.2 (0.52)	11.6 (1.12)	
8th .....	21.7 (1.42)	14.5 (1.23)	12.7 (1.11)	3.9 (0.68)	2.3 (0.54)	5.2 (0.80)	1.5! (0.45)	6.5 (0.85)	
9th .....	23.0 (1.42)	13.7 (1.16)	13.8 (1.22)	3.6 (0.61)	2.6 (0.58)	4.3 (0.70)	1.2! (0.40)	4.9 (0.83)	
10th .....	19.5 (1.48)	12.9 (1.21)	12.9 (1.28)	4.3 (0.73)	1.7 (0.47)	4.6 (0.72)	1.3 (0.37)	3.7 (0.68)	
11th .....	20.0 (1.50)	11.2 (1.20)	12.5 (1.31)	3.0 (0.60)	1.5 (0.45)	2.4 (0.61)	1.6! (0.50)	3.4 (0.72)	
12th .....	14.1 (1.51)	6.4 (1.04)	9.7 (1.15)	1.0! (0.43)	1.3! (0.48)	2.5 (0.67)	0.7! (0.31)	3.0 (0.71)	
<b>Urbanicity<sup>4</sup></b>									
Urban .....	20.7 (1.10)	12.8 (0.80)	12.7 (0.87)	3.9 (0.47)	2.7 (0.45)	4.1 (0.51)	1.4 (0.27)	5.6 (0.60)	
Suburban .....	22.0 (0.90)	14.2 (0.69)	13.4 (0.71)	3.9 (0.39)	2.0 (0.28)	4.7 (0.43)	1.3 (0.24)	6.4 (0.52)	
Rural .....	21.4 (1.86)	13.2 (1.49)	13.3 (1.45)	4.1 (0.67)	1.7 (0.42)	4.2 (0.73)	2.8 (0.66)	5.8 (0.88)	
<b>Control of school<sup>5</sup></b>									
Public .....	21.5 (0.67)	13.5 (0.53)	13.2 (0.52)	3.9 (0.28)	2.2 (0.22)	4.3 (0.31)	1.6 (0.19)	6.1 (0.41)	
Private .....	22.4 (2.71)	15.3 (2.01)	13.4 (2.20)	3.9 (1.14)	2.7! (0.82)	6.7 (1.31)	1.3! (0.60)	5.2 (1.24)	
<b>2015</b>									
<b>Total</b> .....	<b>20.8 (0.99)</b>	<b>13.3 (0.87)</b>	<b>12.3 (0.83)</b>	<b>3.9 (0.44)</b>	<b>2.5 (0.36)</b>	<b>5.0 (0.52)</b>	<b>1.8 (0.30)</b>	<b>5.1 (0.49)</b>	
<b>Sex</b>									
Male .....	18.8 (1.31)	12.7 (1.14)	9.1 (0.95)	4.8 (0.64)	2.7 (0.55)	4.4 (0.67)	1.9 (0.44)	6.0 (0.75)	
Female .....	22.8 (1.39)	13.9 (1.13)	15.5 (1.22)	2.9 (0.50)	2.3 (0.50)	5.7 (0.78)	1.8 (0.39)	4.2 (0.63)	
<b>Race/ethnicity<sup>3</sup></b>									
White .....	21.6 (1.43)	14.2 (1.22)	12.8 (1.18)	3.9 (0.58)	2.1 (0.46)	5.6 (0.80)	1.6 (0.36)	5.3 (0.65)	
Black .....	24.7 (3.29)	17.2 (2.98)	14.3 (2.51)	5.2 (1.56)	3.4! (1.25)	4.9 (1.37)	1.6! (0.75)	5.6 (1.66)	
Hispanic .....	17.2 (1.58)	9.5 (1.34)	10.4 (1.52)	2.9 (0.71)	2.1! (0.70)	3.4 (0.74)	2.0! (0.62)	3.7 (0.80)	
Asian .....	15.6 (4.02)	10.1! (3.12)	4.9! (2.15)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	3.9! (1.89)	
Other .....	25.9 (4.91)	16.4 (4.07)	18.6 (4.31)	8.9! (3.90)	9.1! (3.17)	9.8! (3.61)	‡ (†)	11.2! (3.89)	

See notes at end of table.

**Table 230.40. Percentage of students ages 12–18 who reported being bullied at school during the school year, by type of bullying and selected student and school characteristics: Selected years, 2005 through 2015—Continued**

[Standard errors appear in parentheses]

Year and student or school characteristic	Total bullied at school <sup>1</sup>	Type of bullying						
		Made fun of, called names, or insulted	Subject of rumors	Threatened with harm	Tried to make do things did not want to do	Excluded from activities on purpose	Property destroyed on purpose	Pushed, shoved, tripped, or spit on
1	2	3	4	5	6	7	8	9
<b>Grade</b>								
6th .....	31.0 (3.53)	21.4 (3.38)	17.7 (3.18)	7.3 (2.05)	5.2 (1.25)	10.1 (2.29)	4.0! (1.61)	13.1 (2.45)
7th .....	25.1 (2.48)	18.6 (2.16)	12.9 (1.84)	3.8 (1.00)	2.9! (0.91)	6.4 (1.27)	2.7! (0.82)	7.8 (1.42)
8th .....	22.2 (2.41)	15.6 (2.06)	13.1 (2.06)	5.0 (1.23)	2.9! (0.88)	5.1 (1.14)	3.0! (0.93)	7.5 (1.56)
9th .....	19.0 (2.11)	12.5 (1.88)	10.6 (1.91)	2.8! (0.91)	2.7! (1.00)	4.4 (1.08)	1.3! (0.63)	4.4 (1.16)
10th .....	21.2 (2.13)	12.6 (1.94)	12.9 (1.82)	2.9! (0.90)	1.7! (0.67)	5.7 (1.40)	1.2! (0.58)	2.2! (0.80)
11th .....	15.8 (2.24)	8.8 (1.72)	10.2 (1.81)	4.2 (1.23)	‡ (†)	3.0! (0.96)	‡ (†)	2.1! (0.86)
12th .....	14.9 (2.18)	6.2 (1.53)	10.8 (1.99)	2.5! (0.95)	2.4! (1.15)	2.4! (0.93)	‡ (†)	1.6! (0.73)
<b>Urbanicity<sup>4</sup></b>								
Urban .....	21.5 (1.84)	14.5 (1.56)	11.4 (1.56)	3.9 (0.80)	2.9 (0.65)	5.1 (0.85)	2.4 (0.60)	5.6 (0.94)
Suburban .....	21.1 (1.22)	13.3 (1.04)	13.2 (1.00)	3.9 (0.54)	2.6 (0.54)	5.4 (0.76)	1.6 (0.37)	4.8 (0.66)
Rural .....	18.2 (2.86)	10.9 (2.42)	10.6 (2.02)	3.8! (1.32)	‡ (†)	3.7 (1.05)	‡ (†)	5.2 (1.50)
<b>Control of school<sup>5</sup></b>								
Public .....	21.1 (1.06)	13.4 (0.92)	12.5 (0.86)	4.0 (0.47)	2.6 (0.38)	5.0 (0.53)	1.8 (0.30)	5.2 (0.52)
Private .....	16.1 (3.40)	11.5 (2.83)	8.6 (2.43)	‡ (†)	‡ (†)	5.0! (1.81)	‡ (†)	3.6! (1.65)

—Not available.

‡Not applicable.

!Interpret data with caution. The coefficient of variation (CV) for this estimate is between 30 and 50 percent.

‡Reporting standards not met. Either there are too few cases for a reliable estimate or the coefficient of variation (CV) is 50 percent or greater.

<sup>1</sup>Students who reported experiencing more than one type of bullying at school were counted only once in the total for students bullied at school.

<sup>2</sup>In 2005 and prior years, the period covered by the survey question was “during the last 6 months,” whereas the period was “during this school year” beginning in 2007. Cognitive testing showed that estimates for earlier years are comparable to those for 2007 and later years.

<sup>3</sup>Race categories exclude persons of Hispanic ethnicity. “Other” includes American Indians/Alaska Natives, Pacific Islanders, and persons of Two or more races.

<sup>4</sup>Refers to the Standard Metropolitan Statistical Area (MSA) status of the respondent’s household as defined by the U.S. Census Bureau. Categories include “central city of an

MSA (Urban),” “in MSA but not in central city (Suburban),” and “not MSA (Rural).” These data by metropolitan status were based on the location of households and differ from those published in *Student Reports of Bullying and Cyber-Bullying: Results From the 2013 School Crime Supplement to the National Crime Victimization Survey*, which were based on the urban-centric measure of the location of the school that the child attended.

<sup>5</sup>Control of school as reported by the respondent. These data differ from those based on a matching of the respondent-reported school name to the Common Core of Data’s Public Elementary/Secondary School Universe Survey or the Private School Survey, as reported in *Student Reports of Bullying and Cyber-Bullying: Results From the 2013 School Crime Supplement to the National Crime Victimization Survey*.

NOTE: “At school” includes the school building, on school property, on a school bus, and going to and from school.

SOURCE: U.S. Department of Justice, Bureau of Justice Statistics, School Crime Supplement (SCS) to the National Crime Victimization Survey, selected years, 2005 through 2015. (This table was prepared August 2016.)

**Table 230.50. Percentage of students ages 12–18 who reported being bullied at school during the school year and, among bullied students, percentage who reported being bullied in various locations, by selected student and school characteristics: 2015**  
[Standard errors appear in parentheses]

Student or school characteristic	Total	Among students who were bullied, percent by location <sup>1</sup>								
		Inside classroom	In hallway or stairwell	In bathroom or locker room	Cafeteria	Somewhere else in school building	Outside on school grounds	On school bus	Online or by text	
1	2	3	4	5	6	7	8	9	10	
<b>Total</b> .....	<b>20.8 (0.99)</b>	<b>33.6 (2.46)</b>	<b>41.7 (2.30)</b>	<b>9.4 (1.37)</b>	<b>22.2 (2.12)</b>	<b>1.4! (0.54)</b>	<b>19.3 (1.82)</b>	<b>10.0 (1.58)</b>	<b>11.5 (1.67)</b>	
<b>Sex</b>										
Male .....	18.8 (1.31)	35.1 (3.50)	41.8 (3.28)	14.0 (2.49)	22.8 (3.08)	‡ (†)	23.6 (2.92)	13.8 (2.76)	6.1 (1.71)	
Female .....	22.8 (1.39)	32.4 (3.12)	41.6 (2.99)	5.6 (1.54)	21.7 (2.89)	‡ (†)	15.8 (2.27)	6.8 (1.69)	15.9 (2.61)	
<b>Race/ethnicity<sup>2</sup></b>										
White .....	21.6 (1.43)	32.6 (3.16)	44.3 (3.21)	9.4 (1.97)	22.4 (2.79)	‡ (†)	19.6 (2.41)	12.7 (2.34)	13.5 (2.49)	
Black .....	24.7 (3.29)	30.2 (6.05)	48.0 (6.23)	‡ (†)	20.7 (5.45)	‡ (†)	18.2 (5.27)	‡ (†)	‡ (†)	
Hispanic .....	17.2 (1.58)	33.8 (5.32)	32.2 (5.27)	7.3 (2.16)	21.7 (4.50)	‡ (†)	20.0 (4.14)	9.9! (3.43)	11.1! (3.40)	
Asian .....	15.6 (4.02)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	
Other .....	25.9 (4.91)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	
<b>Grade</b>										
6th .....	31.0 (3.53)	37.4 (6.97)	26.3 (6.05)	8.2! (3.66)	21.1 (4.87)	‡ (†)	34.0 (7.13)	16.1! (5.74)	‡ (†)	
7th .....	25.1 (2.48)	39.1 (5.55)	45.5 (5.06)	12.2 (3.52)	22.2 (4.54)	‡ (†)	22.4 (4.19)	14.1 (3.59)	8.1! (3.83)	
8th .....	22.2 (2.41)	30.3 (5.72)	51.1 (6.08)	13.3! (4.44)	26.0 (5.01)	‡ (†)	15.7 (4.23)	8.7! (3.60)	15.5 (4.06)	
9th .....	19.0 (2.11)	38.4 (6.91)	37.0 (6.10)	13.8! (4.45)	23.3 (4.94)	‡ (†)	‡ (†)	14.2! (4.90)	‡ (†)	
10th .....	21.2 (2.13)	33.5 (6.11)	40.6 (5.42)	‡ (†)	17.7 (4.44)	‡ (†)	14.4! (4.77)	‡ (†)	18.1 (5.09)	
11th .....	15.8 (2.24)	29.4 (5.98)	39.9 (7.38)	10.1! (4.02)	17.5! (5.55)	‡ (†)	30.9 (6.65)	‡ (†)	11.2! (4.19)	
12th .....	14.9 (2.18)	21.1! (6.50)	49.0 (8.29)	‡ (†)	28.6 (7.32)	‡ (†)	14.2! (5.60)	‡ (†)	18.7! (6.83)	
<b>Urbanicity<sup>3</sup></b>										
Urban .....	21.5 (1.84)	41.3 (3.92)	38.3 (4.29)	9.1 (2.66)	23.3 (3.83)	‡ (†)	23.5 (3.87)	9.7 (2.52)	11.0 (2.60)	
Suburban .....	21.1 (1.22)	29.6 (3.37)	43.2 (3.41)	10.4 (1.76)	23.6 (3.01)	‡ (†)	17.9 (2.32)	10.9 (2.18)	10.9 (2.57)	
Rural .....	18.2 (2.86)	32.6 (6.05)	43.3 (6.00)	‡ (†)	13.8! (4.55)	‡ (†)	15.0! (4.91)	‡ (†)	15.1! (5.90)	
<b>Control of school</b>										
Public .....	21.1 (1.06)	33.0 (2.41)	41.1 (2.36)	9.5 (1.42)	22.1 (2.15)	1.4! (0.56)	19.2 (1.90)	10.5 (1.64)	11.5 (1.71)	
Private .....	16.1 (3.40)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	

†Not applicable.

!Interpret data with caution. The coefficient of variation (CV) for this estimate is between 30 and 50 percent.

‡Reporting standards not met. Either there are too few cases for a reliable estimate or the coefficient of variation (CV) is 50 percent or greater.

<sup>1</sup>Includes only students who indicated the location of bullying. Excludes students who indicated that they were bullied but did not answer the question about where the bullying occurred.

<sup>2</sup>Race categories exclude persons of Hispanic ethnicity. "Other" includes American Indians/Alaska Natives, Pacific Islanders, and persons of Two or more races.

<sup>3</sup>Refers to the Standard Metropolitan Statistical Area (MSA) status of the respondent's household as defined by the U.S. Census Bureau. Categories include "central city of an MSA (Urban)," "in MSA but not in central city (Suburban)," and "not MSA (Rural)."

NOTE: "At school" includes the school building, on school property, on a school bus, and going to and from school. In 2015, students who reported being bullied at school were also asked whether the bullying occurred "online or by text." Location totals may sum to more than 100 percent because students could have been bullied in more than one location. SOURCE: U.S. Department of Justice, Bureau of Justice Statistics, School Crime Supplement (SCS) to the National Crime Victimization Survey, 2015. (This table was prepared August 2016.)

**Table 230.52. Among students ages 12–18 who reported being bullied at school during the school year, percentage reporting that bullying had varying degrees of negative effect on various aspects of their life, by aspect of life affected and selected student and school characteristics: 2015**

[Standard errors appear in parentheses]

Degree of negative effect and student or school characteristic	Schoolwork		Relationships with friends or family		Feeling about oneself		Physical health	
1	2		3		4		5	
<b>Percentage distribution of bullied students, by degree of negative effect reported</b>								
<b>Total</b> .....	<b>100.0</b>	<b>(t)</b>	<b>100.0</b>	<b>(t)</b>	<b>100.0</b>	<b>(t)</b>	<b>100.0</b>	<b>(t)</b>
Not at all .....	64.6	(2.36)	73.6	(2.30)	65.8	(2.43)	82.1	(2.04)
Not very much .....	21.7	(1.93)	12.1	(1.81)	14.9	(2.07)	8.9	(1.67)
Somewhat .....	8.7	(1.37)	10.2	(1.52)	11.8	(1.63)	6.8	(1.04)
A lot .....	5.0	(1.04)	4.1	(0.88)	7.4	(1.34)	2.2	(0.66)
<b>Percent of bullied students reporting somewhat or a lot of negative effect</b>								
<b>Total</b> .....	<b>13.7</b>	<b>(1.75)</b>	<b>14.2</b>	<b>(1.79)</b>	<b>19.3</b>	<b>(1.91)</b>	<b>9.1</b>	<b>(1.28)</b>
<b>Sex</b>								
Male .....	12.6	(2.62)	12.1	(2.62)	16.0	(3.01)	7.5	(1.85)
Female .....	14.7	(2.29)	16.0	(2.15)	22.0	(2.70)	10.4	(1.87)
<b>Race/ethnicity<sup>1</sup></b>								
White .....	11.5	(2.16)	15.9	(2.58)	18.9	(2.72)	9.4	(1.89)
Black .....	17.7!	(5.88)	14.1!	(4.79)	25.4	(5.60)	6.2!	(2.91)
Hispanic .....	13.9	(3.01)	7.1!	(2.58)	14.2	(3.61)	10.3	(3.05)
Asian .....	‡	(t)	‡	(t)	‡	(t)	‡	(t)
Other .....	‡	(t)	‡	(t)	‡	(t)	‡	(t)
<b>Grade</b>								
6th to 8th .....	16.4	(2.70)	14.2	(2.57)	25.9	(3.03)	9.9	(1.99)
9th to 12th .....	11.3	(2.08)	14.2	(2.45)	13.1	(2.39)	8.3	(1.72)
<b>Urbanicity<sup>2</sup></b>								
Urban .....	21.3	(3.75)	15.9	(3.19)	23.7	(3.35)	10.0	(2.33)
Suburban .....	10.9	(1.98)	13.1	(2.42)	19.3	(2.58)	8.9	(1.61)
Rural .....	7.9!	(3.40)	14.9!	(5.07)	8.7!	(3.79)	7.6!	(3.52)
<b>Control of school</b>								
Public .....	13.8	(1.79)	14.3	(1.86)	19.8	(2.00)	8.6	(1.25)
Private .....	‡	(t)	‡	(t)	‡	(t)	‡	(t)

†Not applicable.

!Interpret data with caution. The coefficient of variation (CV) for this estimate is between 30 and 50 percent.

‡Reporting standards not met. Either there are too few cases for a reliable estimate or the coefficient of variation (CV) is 50 percent or greater.

<sup>1</sup>Race categories exclude persons of Hispanic ethnicity. "Other" includes American Indians/Alaska Natives, Pacific Islanders, and persons of Two or more races.

<sup>2</sup>Refers to the Standard Metropolitan Statistical Area (MSA) status of the respondent's household as defined by the U.S. Census Bureau. Categories include "central city of an MSA (Urban)," "in MSA but not in central city (Suburban)," and "not MSA (Rural)."

NOTE: "At school" includes in the school building, on school property, on a school bus, and going to and from school. Detail may not sum to totals because of rounding.

SOURCE: U.S. Department of Justice, Bureau of Justice Statistics, School Crime Supplement (SCS) to the National Crime Victimization Survey, 2015. (This table was prepared September 2016.)

**Table 230.53. Among students ages 12–18 who reported being bullied at school during the school year, percentage reporting that bullying was related to specific characteristics, by type of characteristic related to bullying and other selected student and school characteristics: 2015**

[Standard errors appear in parentheses]

Student or school characteristic	Percentage distribution of bullied students, by whether bullying was related to specific characteristics <sup>1</sup>			Percent of bullied students reporting that bullying was related to characteristic																
	Total	No, not related to any listed characteristic	Yes, related to at least one listed characteristic <sup>2</sup>	Race	Ethnicity	Religion	Disability	Gender	Sexual orientation	Physical appearance										
1	2	3	4	5	6	7	8	9	10	11										
<b>Total</b> .....	<b>100.0</b>	<b>(†)</b>	<b>60.6</b>	<b>2.2</b>	<b>39.4</b>	<b>2.2</b>	<b>10.1</b>	<b>(1.60)</b>	<b>6.9</b>	<b>(1.17)</b>	<b>3.7</b>	<b>(0.90)</b>	<b>4.4</b>	<b>(1.01)</b>	<b>6.7</b>	<b>(1.37)</b>	<b>3.4!</b>	<b>(1.04)</b>	<b>26.9</b>	<b>(1.87)</b>
<b>Sex</b>																				
Male .....	100.0	(†)	61.1	(3.36)	38.9	(3.36)	11.7	(2.45)	8.8	(2.01)	6.0	(1.69)	6.5	(1.66)	2.4!	(1.07)	4.8!	(1.51)	23.1	(2.82)
Female .....	100.0	(†)	60.2	(3.04)	39.8	(3.04)	8.7	(2.03)	5.3	(1.50)	1.8!	(0.83)	2.7!	(1.08)	10.3	(2.20)	‡	(†)	30.0	(2.44)
<b>Race/ethnicity<sup>3</sup></b>																				
White .....	100.0	(†)	67.0	(2.75)	33.0	(2.75)	4.7	(1.39)	1.9!	(0.91)	3.7!	(1.24)	4.9	(1.47)	6.7	(1.48)	4.0!	(1.49)	23.9	(2.22)
Black .....	100.0	(†)	56.4	(7.02)	43.6	(7.02)	15.5!	(5.13)	‡	(†)	‡	(†)	‡	(†)	‡	(†)	‡	(†)	30.7	(5.86)
Hispanic .....	100.0	(†)	52.5	(5.10)	47.5	(5.10)	12.4	(3.66)	14.2	(3.71)	‡	(†)	4.6!	(1.88)	7.1!	(3.36)	‡	(†)	29.7	(4.54)
Asian .....	‡	(†)	‡	(†)	‡	(†)	‡	(†)	‡	(†)	‡	(†)	‡	(†)	‡	(†)	‡	(†)	‡	(†)
Other .....	‡	(†)	‡	(†)	‡	(†)	‡	(†)	‡	(†)	‡	(†)	‡	(†)	‡	(†)	‡	(†)	‡	(†)
<b>Grade</b>																				
6th to 8th .....	100.0	(†)	60.9	(3.48)	39.1	(3.48)	12.8	(2.61)	6.3	(1.74)	2.7!	(1.01)	4.6	(1.33)	7.0	(1.99)	‡	(†)	27.1	(3.12)
9th to 12th .....	100.0	(†)	60.2	(3.12)	39.8	(3.12)	7.5	(1.83)	7.5	(1.62)	4.6!	(1.54)	4.3!	(1.50)	6.4	(1.67)	4.4!	(1.65)	26.7	(2.78)
<b>Urbanicity<sup>4</sup></b>																				
Urban .....	100.0	(†)	58.6	(4.34)	41.4	(4.34)	10.2	(2.78)	5.8!	(1.99)	‡	(†)	5.8!	(2.27)	8.2	(2.34)	3.2!	(1.58)	30.2	(3.93)
Suburban .....	100.0	(†)	58.1	(3.12)	41.9	(3.12)	10.9	(2.09)	8.1	(1.69)	3.9!	(1.27)	3.5	(1.02)	6.7!	(2.12)	4.0!	(1.31)	27.8	(2.54)
Rural .....	100.0	(†)	75.9	(4.92)	24.1	(4.92)	‡	(†)	‡	(†)	6.0!	(2.87)	‡	(†)	‡	(†)	‡	(†)	15.1	(4.12)
<b>Control of school</b>																				
Public .....	100.0	(†)	59.6	(2.24)	40.4	(2.24)	10.2	(1.66)	7.2	(1.23)	3.9	(0.95)	4.6	(1.06)	6.9	(1.43)	3.6!	(1.09)	27.5	(1.92)
Private .....	‡	(†)	‡	(†)	‡	(†)	‡	(†)	‡	(†)	‡	(†)	‡	(†)	‡	(†)	‡	(†)	‡	(†)

†Not applicable.

!Interpret data with caution. The coefficient of variation (CV) for this estimate is between 30 and 50 percent.

‡Reporting standards not met. Either there are too few cases for a reliable estimate or the coefficient of variation (CV) is 50 percent or greater.

<sup>1</sup>Students who reported being bullied were asked whether the bullying was related to specific characteristics; for each characteristic, students could select "Yes" or "No." The seven characteristics that appeared on the questionnaire are shown in columns 5–11. Includes only students who answered the question about characteristics related to bullying; excludes students who reported being bullied but did not answer this question.

<sup>2</sup>Students who reported that bullying was related to multiple listed characteristics are counted only once in the total for students who reporting that bullying was related to at least one listed characteristic.

<sup>3</sup>Race categories exclude persons of Hispanic ethnicity. "Other" includes American Indians/Alaska Natives, Pacific Islanders, and persons of Two or more races.

<sup>4</sup>Refers to the Standard Metropolitan Statistical Area (MSA) status of the respondent's household as defined by the U.S. Census Bureau. Categories include "central city of an MSA (Urban)," "in MSA but not in central city (Suburban)," and "not MSA (Rural)."

NOTE: "At school" includes in the school building, on school property, on a school bus, and going to and from school. Detail may not sum to totals because of rounding.

SOURCE: U.S. Department of Justice, Bureau of Justice Statistics, School Crime Supplement (SCS) to the National Crime Victimization Survey, 2015. (This table was prepared September 2016.)

**Table 230.55. Percentage of students ages 12–18 who reported being cyber-bullied anywhere during the school year, by type of cyber-bullying and selected student and school characteristics: 2013**

[Standard errors appear in parentheses]

Student or school characteristic	Total cyber-bullying <sup>1</sup>	Type of cyber-bullying							
		Hurtful information on Internet	Private information purposely shared on Internet	Subject of harassing instant messages	Subject of harassing text messages	Subject of harassing e-mails	Subject of harassment while gaming	Excluded online	
1	2	3	4	5	6	7	8	9	
<b>Total</b> .....	<b>6.9 (0.42)</b>	<b>2.8 (0.24)</b>	<b>0.9 (0.15)</b>	<b>2.1 (0.22)</b>	<b>3.2 (0.28)</b>	<b>0.9 (0.15)</b>	<b>1.5 (0.18)</b>	<b>0.9 (0.13)</b>	
<b>Sex</b>									
Male .....	5.2 (0.43)	1.2 (0.22)	0.4 (0.12)	1.0 (0.19)	1.6 (0.25)	0.2! (0.09)	2.5 (0.31)	0.9 (0.18)	
Female .....	8.6 (0.63)	4.5 (0.42)	1.5 (0.27)	3.4 (0.39)	4.9 (0.51)	1.7 (0.30)	0.4! (0.14)	0.9 (0.18)	
<b>Race/ethnicity<sup>2</sup></b>									
White .....	7.6 (0.57)	2.9 (0.35)	1.0 (0.22)	2.2 (0.27)	3.8 (0.42)	0.8 (0.19)	1.8 (0.26)	1.0 (0.18)	
Black .....	4.5 (0.94)	2.2 (0.63)	‡ (†)	1.8! (0.57)	1.9 (0.49)	0.8! (0.35)	‡ (†)	‡ (†)	
Hispanic .....	5.8 (0.78)	2.6 (0.52)	1.0! (0.34)	1.9 (0.41)	2.6 (0.52)	0.8! (0.28)	0.9! (0.30)	1.0 (0.29)	
Asian .....	5.8 (1.67)	1.8! (0.85)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	3.1! (1.20)	‡ (†)	
Other .....	13.4 (2.43)	6.9 (1.86)	1.9! (0.96)	4.9! (1.63)	6.2 (1.69)	4.7! (1.62)	3.2! (1.30)	‡ (†)	
<b>Grade</b>									
6th .....	5.9 (1.20)	1.4! (0.58)	‡ (†)	1.2! (0.54)	2.3! (0.78)	‡ (†)	1.5! (0.61)	‡ (†)	
7th .....	7.0 (0.91)	2.1 (0.53)	1.1! (0.36)	2.3 (0.51)	3.8 (0.74)	1.0! (0.35)	1.8 (0.44)	0.8! (0.30)	
8th .....	6.4 (0.86)	3.1 (0.59)	0.9! (0.26)	2.3 (0.55)	3.2 (0.64)	1.5! (0.48)	1.7 (0.50)	1.5! (0.46)	
9th .....	6.7 (0.97)	2.0 (0.49)	‡ (†)	2.9 (0.58)	2.8 (0.62)	‡ (†)	1.6 (0.48)	1.4! (0.43)	
10th .....	8.6 (1.16)	4.1 (0.84)	1.2! (0.41)	2.8 (0.61)	4.5 (0.81)	1.4! (0.41)	1.0! (0.35)	1.0! (0.34)	
11th .....	6.8 (0.87)	3.9 (0.71)	1.3! (0.41)	1.1! (0.43)	2.7 (0.55)	‡ (†)	1.3 (0.39)	‡ (†)	
12th .....	5.9 (0.93)	2.6 (0.67)	‡ (†)	1.9 (0.55)	2.3 (0.59)	1.1! (0.40)	1.4! (0.51)	‡ (†)	
<b>Urbanicity<sup>3</sup></b>									
Urban .....	7.1 (0.73)	3.4 (0.50)	1.1 (0.32)	2.4 (0.45)	3.1 (0.50)	1.4 (0.34)	1.5 (0.25)	1.2 (0.33)	
Suburban .....	7.0 (0.61)	2.7 (0.35)	0.9 (0.20)	2.0 (0.27)	3.3 (0.40)	0.8 (0.18)	1.6 (0.27)	0.9 (0.17)	
Rural .....	5.9 (1.02)	2.2 (0.43)	0.8! (0.29)	2.0! (0.62)	2.9 (0.72)	0.7! (0.31)	1.0! (0.48)	‡ (†)	
<b>Control of school</b>									
Public .....	6.9 (0.45)	2.9 (0.26)	0.9 (0.16)	2.2 (0.23)	3.2 (0.30)	0.9 (0.16)	1.5 (0.19)	0.9 (0.14)	
Private .....	6.4 (1.44)	2.0! (0.76)	1.2! (0.54)	‡ (†)	2.9! (0.98)	‡ (†)	‡ (†)	‡ (†)	

†Not applicable.

!Interpret data with caution. The coefficient of variation (CV) for this estimate is between 30 and 50 percent.

‡Reporting standards not met. Either there are too few cases for a reliable estimate or the coefficient of variation (CV) is 50 percent or greater.

<sup>1</sup>Students who reported experiencing more than one type of cyber-bullying were counted only once in the total for students cyber-bullied.

<sup>2</sup>Race categories exclude persons of Hispanic ethnicity. "Other" includes American Indians/Alaska Natives, Pacific Islanders, and persons of Two or more races.

<sup>3</sup>Refers to the Standard Metropolitan Statistical Area (MSA) status of the respondent's household as defined in 2000 by the U.S. Census Bureau. Categories include "central city of an MSA (Urban)," "in MSA but not in central city (Suburban)," and "not MSA (Rural)."

NOTE: Detail may not sum to totals because of rounding and because students could have experienced more than one type of cyber-bullying.

SOURCE: U.S. Department of Justice, Bureau of Justice Statistics, School Crime Supplement (SCS) to the National Crime Victimization Survey, 2013. (This table was prepared August 2014.)

**Table 230.60. Among students ages 12–18 who reported being bullied at school or cyber-bullied anywhere during the school year, percentage reporting various frequencies of bullying and the notification of an adult at school, by selected student and school characteristics: 2013 and 2015**

[Standard errors appear in parentheses]

Student or school characteristic	Among students who reported being bullied at school										Among students who reported being cyber-bullied anywhere <sup>1</sup>									
	Frequency of bullying										Frequency of cyber-bullying									
	Once or twice in the school year		Once or twice a month		Once or twice a week		Almost every day		Adult at school was notified <sup>2</sup>		Once or twice in the school year		Once or twice a month		Once or twice a week		Almost every day		Adult at school was notified <sup>2</sup>	
1	2	3	4	5	6	7	8	9	10	11										
<b>2013</b>																				
<b>Total</b>	<b>67.3</b>	<b>(1.53)</b>	<b>19.4</b>	<b>(1.32)</b>	<b>7.6</b>	<b>(0.78)</b>	<b>5.7</b>	<b>(0.71)</b>	<b>38.9</b>	<b>(1.45)</b>	<b>73.2</b>	<b>(2.72)</b>	<b>15.0</b>	<b>(2.08)</b>	<b>7.9</b>	<b>(1.46)</b>	<b>3.8</b>	<b>(1.05)</b>	<b>23.3</b>	<b>(2.55)</b>
Sex																				
Male	68.0	(2.19)	19.2	(1.98)	7.4	(1.09)	5.5	(1.01)	38.5	(2.01)	75.2	(3.80)	9.3	(2.62)	8.1	(2.24)	7.4!	(2.23)	10.5	(2.53)
Female	66.6	(2.13)	19.6	(1.89)	7.8	(1.11)	6.0	(0.94)	39.3	(2.20)	71.9	(3.40)	18.8	(2.90)	7.9	(1.82)	‡	(†)	31.6	(3.54)
Race/ethnicity <sup>3</sup>																				
White	64.6	(2.04)	20.6	(1.70)	9.1	(1.20)	5.7	(0.87)	40.5	(2.04)	76.9	(3.27)	15.2	(2.80)	4.6!	(1.53)	3.3!	(1.23)	24.4	(3.08)
Black	70.2	(3.93)	18.0	(3.40)	5.6!	(2.07)	6.2!	(2.13)	40.0	(3.44)	68.2	(7.99)	18.9!	(6.71)	‡	(†)	‡	(†)	24.5!	(10.44)
Hispanic	73.8	(3.24)	17.9	(2.88)	4.4	(1.30)	4.0!	(1.26)	37.5	(3.15)	73.5	(6.28)	8.9!	(3.78)	12.5!	(4.48)	‡	(†)	23.7	(4.92)
Asian	‡	(†)	‡	(†)	‡	(†)	‡	(†)	‡	(†)	‡	(†)	‡	(†)	‡	(†)	‡	(†)	‡	(†)
Other	66.9	(7.42)	15.2!	(5.49)	‡	(†)	12.8!	(5.30)	36.8	(6.34)	‡	(†)	‡	(†)	‡	(†)	‡	(†)	‡	(†)
Grade																				
6th	62.4	(4.19)	22.7	(3.64)	6.5!	(2.00)	8.4!	(3.10)	58.3	(4.71)	‡	(†)	‡	(†)	‡	(†)	‡	(†)	‡	(†)
7th	63.8	(2.92)	17.3	(2.60)	11.4	(2.18)	7.5	(1.69)	52.3	(3.53)	65.5	(6.74)	24.9	(6.48)	‡	(†)	‡	(†)	28.0	(5.87)
8th	64.0	(3.74)	19.1	(3.05)	7.9	(2.12)	9.1	(2.30)	38.1	(3.82)	70.5	(6.04)	17.1!	(5.69)	8.6!	(3.16)	‡	(†)	30.4	(6.05)
9th	67.4	(3.49)	24.7	(3.48)	3.7!	(1.41)	4.2!	(1.59)	35.2	(3.89)	79.6	(5.43)	7.7!	(3.68)	9.2!	(3.89)	‡	(†)	12.4!	(4.90)
10th	65.6	(4.11)	21.5	(3.56)	7.8	(2.29)	5.0!	(1.79)	34.6	(3.84)	73.8	(5.76)	16.7!	(5.09)	6.7!	(3.30)	‡	(†)	23.9	(5.47)
11th	75.8	(3.60)	12.9	(2.83)	8.2	(2.09)	3.2!	(1.41)	25.8	(3.37)	71.4	(7.36)	14.2!	(5.62)	12.3!	(5.36)	‡	(†)	26.7	(6.87)
12th	75.2	(5.35)	17.4	(4.42)	6.1!	(2.63)	‡	(†)	22.4	(4.32)	74.6	(7.15)	13.3!	(5.46)	‡	(†)	‡	(†)	21.0!	(6.70)
Urbanicity <sup>4</sup>																				
Urban	71.8	(2.86)	14.9	(2.21)	7.0	(1.36)	6.3	(1.46)	36.6	(2.64)	68.4	(4.76)	15.1	(3.76)	11.9	(3.17)	4.6!	(1.99)	21.7	(4.81)
Suburban	67.0	(1.94)	20.6	(1.64)	7.1	(1.09)	5.2	(0.85)	40.7	(2.01)	77.9	(3.29)	13.2	(2.67)	5.0!	(1.59)	3.9!	(1.48)	24.1	(3.25)
Rural	59.7	(4.96)	23.4	(3.83)	10.2	(2.51)	6.6	(1.66)	36.9	(4.03)	65.2	(8.87)	22.2	(5.79)	10.8!	(4.91)	‡	(†)	24.1	(5.37)
Control of school <sup>5</sup>																				
Public	67.2	(1.63)	19.7	(1.40)	7.4	(0.81)	5.7	(0.74)	38.9	(1.48)	72.0	(2.78)	16.1	(2.20)	7.8	(1.48)	4.1	(1.13)	22.5	(2.61)
Private	67.9	(5.01)	16.7	(3.74)	9.6!	(2.96)	5.8!	(2.09)	39.5	(5.50)	‡	(†)	‡	(†)	‡	(†)	‡	(†)	‡	(†)
<b>Total indicating adult at school notified,<sup>2</sup> by frequency of bullying</b>	<b>36.9</b>	<b>(1.86)</b>	<b>38.3</b>	<b>(3.29)</b>	<b>55.0</b>	<b>(5.81)</b>	<b>50.0</b>	<b>(6.95)</b>	<b>†</b>	<b>(†)</b>	<b>20.2</b>	<b>(2.57)</b>	<b>21.6</b>	<b>(6.11)</b>	<b>‡</b>	<b>(†)</b>	<b>‡</b>	<b>(†)</b>	<b>†</b>	<b>(†)</b>
Males indicating adult notified	39.4	(2.55)	31.8	(4.54)	45.9	(9.12)	‡	(†)	†	(†)	8.6!	(2.75)	‡	(†)	‡	(†)	‡	(†)	†	(†)
Females indicating adult notified	34.7	(2.64)	43.8	(4.83)	62.5	(7.39)	43.7	(8.65)	†	(†)	28.2	(4.02)	28.6	(7.67)	‡	(†)	‡	(†)	†	(†)

See notes at end of table.

**Table 230.60. Among students ages 12–18 who reported being bullied at school or cyber-bullied anywhere during the school year, percentage reporting various frequencies of bullying and the notification of an adult at school, by selected student and school characteristics: 2013 and 2015—Continued**

[Standard errors appear in parentheses]

Student or school characteristic	Among students who reported being bullied at school					Among students who reported being cyber-bullied anywhere <sup>1</sup>				
	Frequency of bullying				Adult at school was notified <sup>2</sup>	Frequency of cyber-bullying				Adult at school was notified <sup>2</sup>
	Once or twice in the school year	Once or twice a month	Once or twice a week	Almost every day		Once or twice in the school year	Once or twice a month	Once or twice a week	Almost every day	
1	2	3	4	5	6	7	8	9	10	11
<b>2015<sup>6</sup></b>										
<b>Total</b>	<b>66.8 (2.27)</b>	<b>19.3 (1.75)</b>	<b>9.6 (1.36)</b>	<b>4.2 (0.93)</b>	<b>43.1 (2.53)</b>	— (†)	— (†)	— (†)	— (†)	— (†)
<b>Sex</b>										
Male	63.8 (3.78)	20.7 (2.87)	11.4 (2.27)	4.2! (1.31)	40.5 (3.59)	— (†)	— (†)	— (†)	— (†)	— (†)
Female	69.4 (2.76)	18.2 (2.44)	8.1 (1.59)	4.3 (1.24)	45.3 (3.27)	— (†)	— (†)	— (†)	— (†)	— (†)
<b>Race/ethnicity<sup>3</sup></b>										
White	64.3 (2.98)	24.9 (2.50)	6.5 (1.68)	4.3 (1.22)	43.1 (3.41)	— (†)	— (†)	— (†)	— (†)	— (†)
Black	71.0 (5.49)	12.3! (4.44)	16.7 (4.45)	‡ (†)	45.4 (7.15)	— (†)	— (†)	— (†)	— (†)	— (†)
Hispanic	71.9 (4.92)	11.2! (3.73)	10.9 (2.57)	5.9! (2.40)	42.5 (5.10)	— (†)	— (†)	— (†)	— (†)	— (†)
Asian	‡ (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	— (†)	— (†)	— (†)	— (†)	— (†)
Other	‡ (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	— (†)	— (†)	— (†)	— (†)	— (†)
<b>Grade</b>										
6th	48.9 (6.47)	25.4 (5.43)	17.6 (4.75)	8.1! (3.60)	60.3 (5.67)	— (†)	— (†)	— (†)	— (†)	— (†)
7th	59.2 (5.63)	25.8 (5.07)	9.5! (3.28)	5.6! (2.28)	56.9 (6.00)	— (†)	— (†)	— (†)	— (†)	— (†)
8th	64.2 (5.65)	13.5 (4.02)	18.5 (4.56)	‡ (†)	48.2 (6.40)	— (†)	— (†)	— (†)	— (†)	— (†)
9th	72.8 (5.12)	18.2 (4.12)	7.5! (3.30)	‡ (†)	35.6 (6.36)	— (†)	— (†)	— (†)	— (†)	— (†)
10th	76.1 (5.62)	16.9! (5.14)	‡ (†)	‡ (†)	30.6 (5.77)	— (†)	— (†)	— (†)	— (†)	— (†)
11th	73.2 (5.92)	18.4! (5.57)	‡ (†)	‡ (†)	35.4 (6.66)	— (†)	— (†)	— (†)	— (†)	— (†)
12th	78.2 (6.10)	16.0! (5.73)	‡ (†)	‡ (†)	26.1 (7.32)	— (†)	— (†)	— (†)	— (†)	— (†)
<b>Urbanicity<sup>4</sup></b>										
Urban	65.3 (4.00)	13.5 (2.98)	14.6 (2.67)	6.5 (1.91)	48.4 (4.56)	— (†)	— (†)	— (†)	— (†)	— (†)
Suburban	67.3 (3.20)	22.1 (2.62)	8.1 (1.90)	2.6! (0.91)	39.4 (3.27)	— (†)	— (†)	— (†)	— (†)	— (†)
Rural	68.4 (5.61)	21.5 (4.97)	‡ (†)	5.9! (2.77)	46.3 (5.55)	— (†)	— (†)	— (†)	— (†)	— (†)
<b>Control of school<sup>5</sup></b>										
Public	67.3 (2.38)	18.8 (1.81)	9.7 (1.41)	4.3 (0.96)	42.4 (2.57)	— (†)	— (†)	— (†)	— (†)	— (†)
Private	‡ (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	— (†)	— (†)	— (†)	— (†)	— (†)
<b>Total indicating adult at school notified,<sup>2</sup> by frequency of bullying</b>	<b>37.3 (3.20)</b>	<b>50.0 (5.64)</b>	<b>62.7 (7.29)</b>	<b>‡ (†)</b>	<b>‡ (†)</b>	— (†)	— (†)	— (†)	— (†)	— (†)
Males indicating adult notified	32.3 (4.27)	52.9 (7.72)	‡ (†)	‡ (†)	‡ (†)	— (†)	— (†)	— (†)	— (†)	— (†)
Females indicating adult notified	41.1 (3.86)	47.2 (7.39)	‡ (†)	‡ (†)	‡ (†)	— (†)	— (†)	— (†)	— (†)	— (†)

—Not available.

†Not applicable.

!Interpret data with caution. The coefficient of variation (CV) for this estimate is between 30 and 50 percent.

‡Reporting standards not met. Either there are too few cases for a reliable estimate or the coefficient of variation (CV) is 50 percent or greater.

<sup>1</sup>Students who reported being cyber-bullied are those who responded that another student had done one or more of the following: posted hurtful information about them on the Internet; purposely shared private information about them on the Internet; threatened or insulted them through instant messaging; threatened or insulted them through text messaging; threatened or insulted them through e-mail; threatened or insulted them while gaming; or excluded them online.

<sup>2</sup>Teacher or other adult at school notified.

<sup>3</sup>Race categories exclude persons of Hispanic ethnicity. "Other" includes American Indians/Alaska Natives, Pacific Islanders, and persons of Two or more races.

<sup>4</sup>Refers to the Standard Metropolitan Statistical Area (MSA) status of the respondent's household as defined by the U.S. Census Bureau. Categories include "central city of an MSA (Urban)," "in MSA but not in central city (Suburban)," and "not MSA (Rural)."

<sup>5</sup>Control of school as reported by the respondent. These data differ from those based on a matching of the respondent-reported school name to the Common Core of Data's Public Elementary/Secondary School Universe Survey or the Private School Survey, as reported in *Student Reports of Bullying and Cyber-Bullying: Results From the 2013 School Crime Supplement to the National Crime Victimization Survey*.

<sup>6</sup>Data on cyber-bullying anywhere were not collected in 2015. However, students who reported being bullied at school in 2015 were asked whether any of the bullying occurred "online or by text."

NOTE: "At school" includes the school building, on school property, on a school bus, and going to and from school. Detail may not sum to totals because of rounding.

SOURCE: U.S. Department of Justice, Bureau of Justice Statistics, School Crime Supplement (SCS) to the National Crime Victimization Survey, 2013 and 2015. (This table was prepared August 2016.)

**Table 230.62. Percentage of public school students in grades 9–12 who reported having been bullied on school property or electronically bullied during the previous 12 months, by state or jurisdiction: Selected years, 2009 through 2015**

[Standard errors appear in parentheses]

State or jurisdiction	Bullied on school property <sup>1</sup>				Electronically bullied <sup>2</sup>			
	2009	2011	2013	2015	2009	2011	2013	2015
1	2	3	4	5	6	7	8	9
<b>United States<sup>3</sup></b> .....	<b>19.9</b> (0.58)	<b>20.1</b> (0.68)	<b>19.6</b> (0.55)	<b>20.2</b> (0.70)	— (†)	<b>16.2</b> (0.45)	<b>14.8</b> (0.54)	<b>15.6</b> (0.53)
Alabama .....	19.3 (1.45)	14.1 (1.22)	20.8 (1.28)	19.0 (1.13)	— (†)	12.3 (1.64)	13.5 (0.95)	13.5 (0.91)
Alaska .....	20.7 (1.29)	23.0 (1.32)	20.7 (1.35)	22.8 (1.27)	— (†)	15.3 (1.04)	14.7 (1.10)	17.7 (1.05)
Arizona .....	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)
Arkansas .....	— (†)	21.9 (1.74)	25.0 (1.51)	22.9 (1.38)	— (†)	16.7 (1.48)	17.6 (1.05)	18.2 (1.29)
California .....	— (†)	— (†)	— (†)	18.5 (1.61)	— (†)	— (†)	— (†)	13.5 (1.87)
Colorado .....	18.8 (1.60)	19.3 (1.33)	— (†)	— (†)	— (†)	14.4 (1.09)	— (†)	— (†)
Connecticut .....	— (†)	21.6 (1.09)	21.9 (0.96)	18.6 (0.86)	— (†)	16.3 (0.81)	17.5 (1.23)	13.9 (0.78)
Delaware .....	15.9 (1.11)	16.5 (1.03)	18.5 (0.96)	16.4 (0.99)	— (†)	— (†)	13.4 (0.78)	11.7 (0.69)
District of Columbia .....	— (†)	— (†)	10.9 (0.35)	12.1 (0.34)	— (†)	— (†)	7.9 (0.29)	7.9 (0.27)
Florida .....	13.4 (0.51)	14.0 (0.54)	15.7 (0.50)	15.0 (0.49)	— (†)	12.4 (0.53)	12.3 (0.54)	11.6 (0.35)
Georgia .....	— (†)	19.1 (1.66)	19.5 (1.36)	— (†)	— (†)	13.6 (1.09)	13.9 (0.93)	— (†)
Hawaii .....	— (†)	20.3 (1.29)	18.7 (1.00)	18.6 (1.00)	— (†)	14.9 (0.80)	15.6 (0.98)	14.7 (0.73)
Idaho .....	22.3 (1.03)	22.8 (1.76)	25.4 (1.12)	26.0 (1.05)	— (†)	17.0 (1.18)	18.8 (1.18)	21.1 (1.18)
Illinois .....	19.6 (1.46)	19.3 (1.31)	22.2 (1.00)	19.6 (1.06)	— (†)	16.0 (1.38)	16.9 (0.77)	15.3 (1.05)
Indiana .....	22.8 (1.69)	25.0 (1.38)	— (†)	18.7 (1.31)	— (†)	18.7 (1.15)	— (†)	15.7 (0.91)
Iowa .....	— (†)	22.5 (1.47)	— (†)	— (†)	— (†)	16.8 (0.97)	— (†)	— (†)
Kansas .....	18.5 (1.21)	20.5 (1.31)	22.1 (1.57)	— (†)	— (†)	15.5 (0.88)	16.9 (0.97)	— (†)
Kentucky .....	20.8 (1.30)	18.9 (1.24)	21.4 (1.41)	22.1 (1.40)	— (†)	17.4 (1.14)	13.2 (1.06)	17.0 (1.35)
Louisiana .....	15.9 (1.88)	19.2 (1.40)	24.2 (1.64)	— (†)	— (†)	18.0 (1.53)	16.9 (1.91)	— (†)
Maine .....	22.4 (0.49)	22.4 (0.43)	24.2 (0.66)	23.2 (0.64)	— (†)	19.7 (0.55)	20.6 (0.61)	18.9 (0.59)
Maryland .....	20.9 (0.96)	21.2 (1.28)	19.6 (0.25)	17.7 (0.23)	— (†)	14.2 (0.78)	14.0 (0.22)	13.8 (0.18)
Massachusetts .....	19.4 (0.89)	18.1 (1.04)	16.6 (0.98)	15.6 (0.84)	— (†)	— (†)	13.8 (0.79)	13.0 (0.76)
Michigan .....	24.0 (1.77)	22.7 (1.40)	25.3 (1.47)	25.6 (1.45)	— (†)	18.0 (0.91)	18.8 (1.20)	18.9 (1.14)
Minnesota .....	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)
Mississippi .....	16.0 (1.04)	15.6 (1.32)	19.2 (0.93)	19.5 (1.12)	— (†)	12.5 (0.93)	11.9 (0.74)	15.5 (1.25)
Missouri .....	22.8 (1.74)	— (†)	25.2 (1.72)	21.4 (1.65)	— (†)	— (†)	— (†)	16.6 (1.18)
Montana .....	23.1 (1.32)	26.0 (1.06)	26.3 (0.68)	25.3 (1.00)	— (†)	19.2 (0.92)	18.1 (0.62)	18.5 (0.67)
Nebraska .....	— (†)	22.9 (0.85)	20.8 (1.10)	26.3 (1.28)	— (†)	15.8 (0.81)	15.7 (0.91)	18.9 (1.27)
Nevada .....	— (†)	— (†)	19.7 (1.09)	18.6 (0.95)	— (†)	— (†)	15.0 (1.28)	14.6 (0.87)
New Hampshire .....	22.1 (1.53)	25.3 (1.21)	22.8 (1.05)	22.1 (0.46)	— (†)	21.6 (1.27)	18.1 (1.02)	18.6 (0.43)
New Jersey .....	20.7 (1.44)	20.0 (1.57)	21.3 (1.12)	— (†)	— (†)	15.6 (1.65)	14.8 (1.25)	— (†)
New Mexico .....	19.5 (0.80)	18.7 (0.72)	18.2 (0.95)	18.4 (0.62)	— (†)	13.2 (0.66)	13.1 (0.67)	13.7 (0.54)
New York .....	18.2 (1.01)	17.7 (0.66)	19.7 (1.43)	20.6 (0.81)	— (†)	16.2 (0.68)	15.3 (0.89)	15.7 (0.75)
North Carolina .....	16.6 (1.00)	20.5 (1.34)	19.2 (0.94)	15.6 (1.65)	— (†)	15.7 (0.83)	12.5 (1.11)	12.1 (1.46)
North Dakota .....	21.1 (1.29)	24.9 (1.24)	25.4 (1.28)	24.0 (1.11)	— (†)	17.4 (1.15)	17.1 (0.82)	15.9 (0.78)
Ohio <sup>4</sup> .....	— (†)	22.7 (1.83)	20.8 (1.40)	— (†)	— (†)	14.7 (1.08)	15.1 (1.31)	— (†)
Oklahoma .....	17.5 (1.25)	16.7 (1.27)	18.6 (1.08)	20.4 (1.43)	— (†)	15.6 (1.21)	14.3 (1.33)	14.5 (1.14)
Oregon .....	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)
Pennsylvania .....	19.2 (1.18)	— (†)	— (†)	19.9 (1.08)	— (†)	— (†)	— (†)	14.3 (0.97)
Rhode Island .....	16.3 (0.85)	19.1 (1.74)	18.1 (1.00)	15.5 (0.91)	— (†)	15.3 (1.14)	14.3 (1.11)	12.4 (1.03)
South Carolina .....	15.1 (1.53)	18.3 (1.36)	20.2 (1.33)	19.8 (1.23)	— (†)	15.6 (1.44)	13.8 (1.00)	14.1 (1.33)
South Dakota <sup>5</sup> .....	— (†)	26.7 (1.25)	24.3 (2.05)	21.6 (2.38)	— (†)	19.6 (0.94)	17.8 (1.05)	18.4 (1.57)
Tennessee .....	17.3 (1.24)	17.5 (0.88)	21.1 (1.22)	24.1 (0.71)	— (†)	13.9 (0.69)	15.5 (0.94)	15.3 (0.54)
Texas .....	18.7 (1.06)	16.5 (0.73)	19.1 (1.06)	— (†)	— (†)	13.0 (0.66)	13.8 (1.04)	— (†)
Utah .....	18.8 (1.05)	21.7 (0.97)	21.8 (0.99)	— (†)	— (†)	16.6 (1.12)	16.9 (0.87)	— (†)
Vermont <sup>6</sup> .....	— (†)	— (†)	— (†)	— (†)	— (†)	15.2 (0.54)	18.0 (0.32)	16.5 (0.26)
Virginia .....	— (†)	20.3 (1.37)	21.9 (0.87)	19.5 (1.00)	— (†)	14.8 (1.49)	14.5 (0.61)	13.8 (0.67)
Washington .....	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)
West Virginia .....	23.5 (1.33)	18.6 (1.71)	22.1 (1.72)	24.4 (1.18)	— (†)	15.5 (1.18)	17.2 (0.89)	20.2 (1.62)
Wisconsin .....	22.5 (1.28)	24.0 (1.35)	22.7 (1.23)	— (†)	— (†)	16.6 (0.74)	17.6 (0.86)	— (†)
Wyoming .....	24.4 (0.93)	25.0 (0.98)	23.3 (0.82)	23.8 (1.06)	— (†)	18.7 (0.80)	16.1 (0.71)	17.5 (0.94)
Puerto Rico .....	— (†)	12.7 (1.10)	10.6 (0.72)	10.0 (1.05)	— (†)	8.0 (0.79)	6.7 (0.80)	6.7 (0.97)

—Not available.

†Not applicable.

<sup>1</sup>Bullying was defined for respondents as “when one or more students tease, threaten, spread rumors about, hit, shove, or hurt another student over and over again.” “On school property” was not defined for survey respondents.

<sup>2</sup>Includes “being bullied through e-mail, chat rooms, instant messaging, websites, or texting.” Data on electronic bullying were not collected in 2009.

<sup>3</sup>For the U.S. total, data for all years include both public and private schools and were collected through a national survey representing the entire country. The U.S. total includes only the 50 states and the District of Columbia.

<sup>4</sup>Ohio data for all years include both public and private schools.

<sup>5</sup>South Dakota data for all years include both public and private schools.

<sup>6</sup>Vermont data for 2013 include both public and private schools.

NOTE: For the U.S. total, data for all years include both public and private schools. State-level data include public schools only, except where otherwise noted. For three states, data for one or more years include both public and private schools: Ohio (all years), South Dakota (all years), and Vermont (2013 only). For specific states, a given year’s data may be unavailable (1) because the state did not participate in the survey that year; (2) because the state omitted this particular survey item from the state-level questionnaire; or (3) because the state had an overall response rate of less than 60 percent (the overall response rate is the school response rate multiplied by the student response rate).

SOURCE: Centers for Disease Control and Prevention, Division of Adolescent and School Health, Youth Risk Behavior Surveillance System (YRBSS), 2009 through 2015. (This table was prepared October 2017.)

**Table 230.65. Percentage of public schools reporting selected types of cyberbullying problems occurring at school or away from school at least once a week, by selected school characteristics: 2015–16**

[Standard errors appear in parentheses]

School characteristic	Cyberbullying among students		School environment is affected by cyberbullying		Staff resources are used to deal with cyberbullying	
1	2		3		4	
<b>All public schools .....</b>	<b>12.0</b>	<b>(0.64)</b>	<b>6.7</b>	<b>(0.46)</b>	<b>5.9</b>	<b>(0.43)</b>
<b>School level<sup>1</sup></b>						
Primary .....	4.2	(0.81)	1.8	(0.55)	1.2!	(0.46)
Middle .....	25.6	(1.79)	14.5	(1.25)	13.1	(1.06)
High school .....	25.9	(1.63)	15.0	(1.23)	15.4	(1.41)
Combined .....	10.6!	(3.35)	8.3!	(3.01)	6.0!	(2.48)
<b>Enrollment size</b>						
Less than 300 .....	7.9	(1.62)	4.1!	(1.25)	3.3!	(1.22)
300 to 499 .....	8.5	(1.37)	3.8	(0.76)	3.1	(0.68)
500 to 999 .....	12.9	(0.97)	7.9	(0.81)	6.7	(0.67)
1,000 or more .....	27.3	(1.98)	15.9	(1.67)	16.7	(1.68)
<b>Locale</b>						
City .....	12.2	(1.36)	6.6	(0.92)	6.9	(0.96)
Suburban .....	10.9	(1.15)	7.4	(0.85)	5.7	(0.65)
Town .....	14.4	(2.21)	6.8	(1.09)	7.5	(1.51)
Rural .....	12.0	(1.48)	6.0	(1.08)	4.5	(1.05)
<b>Percent combined enrollment of Black, Hispanic, Asian, Pacific Islander, and American Indian/Alaska Native students, and students of Two or more races</b>						
Less than 5 percent .....	11.8	(2.61)	8.5!	(3.18)	8.1!	(3.17)
5 percent to less than 20 percent .....	12.6	(1.80)	5.5	(1.08)	4.5	(0.79)
20 percent to less than 50 percent .....	11.7	(1.21)	6.8	(1.00)	5.9	(0.91)
50 percent or more .....	11.9	(1.20)	7.1	(0.92)	6.5	(0.67)
<b>Percent of students eligible for free or reduced-price lunch</b>						
0 to 25 percent .....	10.1	(1.30)	5.1	(1.01)	4.1	(0.85)
26 to 50 percent .....	13.0	(1.41)	6.6	(0.83)	5.8	(0.75)
51 to 75 percent .....	12.4	(1.33)	6.6	(0.91)	6.6	(0.86)
76 to 100 percent .....	11.7	(1.69)	7.9	(1.25)	6.6	(1.00)
<b>Student/teacher ratio<sup>2</sup></b>						
Less than 12 .....	7.6	(1.81)	3.8!	(1.22)	3.1!	(1.14)
12 to 16 .....	13.2	(1.44)	7.1	(0.92)	6.0	(0.94)
More than 16 .....	12.4	(1.01)	7.2	(0.72)	6.6	(0.61)
<b>Prevalence of violent incident<sup>3</sup> at school during school year</b>						
No violent incidents .....	3.3	(0.92)	1.8!	(0.59)	1.5!	(0.55)
Any violent incidents .....	15.9	(1.01)	8.9	(0.66)	7.9	(0.60)

!Interpret data with caution. The coefficient of variation (CV) for this estimate is between 30 and 50 percent.

<sup>1</sup>Primary schools are defined as schools in which the lowest grade is not higher than grade 3 and the highest grade is not higher than grade 8. Middle schools are defined as schools in which the lowest grade is not lower than grade 4 and the highest grade is not higher than grade 9. High schools are defined as schools in which the lowest grade is not lower than grade 9 and the highest grade is not higher than grade 12. Combined schools include all other combinations of grades, including K–12 schools.

<sup>2</sup>Student/teacher ratio was calculated by dividing the total number of students enrolled in the school, as reported on the School Survey on Crime and Safety (SSOCS), by the total number of full-time-equivalent (FTE) teachers. Information regarding the total number of FTE teachers was obtained from the Common Core of Data (CCD), the sampling frame for SSOCS.

<sup>3</sup>“Violent incidents” include rape or attempted rape, sexual assault other than rape, physical attack or fight with or without a weapon, threat of physical attack or fight with

or without a weapon, and robbery with or without a weapon. “At school” was defined for respondents to include activities that happen in school buildings, on school grounds, on school buses, and at places that hold school-sponsored events or activities. Respondents were instructed to include violent incidents that occurred before, during, or after normal school hours or when school activities or events were in session.

NOTE: Includes schools reporting that cyberbullying happens either “daily” or “at least once a week.” “Cyberbullying” was defined for respondents as occurring “when willful and repeated harm is inflicted through the use of computers, cell phones, or other electronic devices.” Responses were provided by the principal or the person most knowledgeable about crime and safety issues at the school. Respondents were instructed to include cyberbullying “problems that can occur anywhere (both at your school and away from school).”

SOURCE: U.S. Department of Education, National Center for Education Statistics, 2015–16 School Survey on Crime and Safety (SSOCS), 2016. (This table was prepared August 2017.)

**Table 230.70. Percentage of students ages 12–18 who reported being afraid of attack or harm, by location and selected student and school characteristics: Selected years, 1995 through 2015**

[Standard errors appear in parentheses]

Student or school characteristic	1995 <sup>1</sup>	1999 <sup>1</sup>	2001 <sup>1</sup>	2003 <sup>1</sup>	2005 <sup>1</sup>	2007	2009	2011	2013	2015
1	2	3	4	5	6	7	8	9	10	11
<b>At school</b>										
<b>Total</b> .....	<b>11.8 (0.39)</b>	<b>7.3 (0.37)</b>	<b>6.4 (0.31)</b>	<b>6.1 (0.31)</b>	<b>6.4 (0.39)</b>	<b>5.3 (0.33)</b>	<b>4.2 (0.33)</b>	<b>3.7 (0.28)</b>	<b>3.5 (0.33)</b>	<b>3.3 (0.31)</b>
<b>Sex</b>										
Male .....	10.8 (0.51)	6.5 (0.44)	6.4 (0.38)	5.3 (0.34)	6.1 (0.56)	4.6 (0.42)	3.7 (0.38)	3.7 (0.41)	3.1 (0.38)	2.6 (0.34)
Female .....	12.8 (0.58)	8.2 (0.53)	6.4 (0.43)	6.9 (0.48)	6.7 (0.47)	6.0 (0.45)	4.8 (0.51)	3.8 (0.36)	4.0 (0.48)	4.1 (0.50)
<b>Race/ethnicity<sup>2</sup></b>										
White .....	8.1 (0.36)	5.0 (0.32)	4.9 (0.35)	4.1 (0.35)	4.6 (0.39)	4.2 (0.37)	3.3 (0.35)	3.0 (0.31)	2.6 (0.33)	2.8 (0.34)
Black .....	20.3 (1.31)	13.5 (1.27)	8.9 (0.87)	10.7 (1.22)	9.2 (1.19)	8.6 (1.18)	7.0 (1.12)	4.9 (1.03)	4.6 (0.85)	3.4 (0.76)
Hispanic .....	20.9 (1.27)	11.7 (1.20)	10.6 (1.07)	9.5 (0.65)	10.3 (1.16)	7.1 (0.88)	4.9 (0.89)	4.8 (0.59)	4.9 (0.78)	4.8 (0.72)
Asian .....	— (†)	— (†)	— (†)	— (†)	6.2! (2.09)	2.3! (1.05)	5.9! (2.25)	4.2! (1.52)	3.1! (1.09)	2.7! (1.19)
Other .....	13.5 (1.58)	6.7 (1.09)	6.4 (1.11)	5.0 (1.31)	5.7 (1.63)	3.3! (1.09)	‡ (†)	4.1! (1.31)	3.8! (1.44)	2.6! (1.18)
<b>Grade</b>										
6th .....	14.3 (1.13)	10.9 (1.37)	10.6 (1.26)	10.0 (1.35)	9.5 (1.14)	9.9 (1.33)	6.4 (1.20)	5.6 (1.08)	4.7 (1.01)	4.6 (1.11)
7th .....	15.3 (1.02)	9.5 (0.79)	9.2 (0.95)	8.2 (0.86)	9.1 (1.04)	6.7 (0.86)	6.2 (1.06)	4.5 (0.69)	4.3 (0.69)	4.2 (0.74)
8th .....	13.0 (0.84)	8.1 (0.74)	7.6 (0.69)	6.3 (0.68)	7.1 (0.95)	4.6 (0.71)	3.5 (0.75)	4.6 (0.71)	3.3 (0.78)	4.1 (0.73)
9th .....	11.6 (0.82)	7.1 (0.74)	5.5 (0.63)	6.3 (0.61)	5.9 (0.71)	5.5 (0.87)	4.6 (0.75)	4.2 (0.66)	3.4 (0.71)	3.9 (0.75)
10th .....	11.0 (0.82)	7.1 (0.77)	5.0 (0.71)	4.4 (0.67)	5.5 (0.89)	5.2 (0.87)	4.6 (0.79)	3.9 (0.63)	4.4 (0.75)	2.1 (0.56)
11th .....	8.9 (0.80)	4.8 (0.68)	4.8 (0.65)	4.7 (0.66)	4.6 (0.73)	3.1 (0.63)	3.3 (0.74)	1.8 (0.48)	2.6 (0.55)	2.6 (0.65)
12th .....	7.8 (0.94)	4.8 (0.88)	2.9 (0.55)	3.7 (0.53)	3.3 (0.69)	3.1 (0.65)	1.9! (0.57)	2.2 (0.57)	2.0 (0.56)	2.0! (0.61)
<b>Urbanicity<sup>3</sup></b>										
Urban .....	18.4 (0.84)	11.6 (0.81)	9.7 (0.59)	9.5 (0.68)	10.5 (0.92)	7.1 (0.81)	6.9 (0.84)	5.2 (0.60)	4.5 (0.60)	4.0 (0.61)
Suburban .....	9.8 (0.49)	6.2 (0.42)	4.8 (0.33)	4.8 (0.30)	4.7 (0.41)	4.4 (0.41)	3.0 (0.33)	3.1 (0.39)	3.0 (0.38)	3.1 (0.39)
Rural .....	8.6 (0.80)	4.8 (0.70)	6.0 (0.97)	4.7 (0.93)	5.1 (0.97)	4.9 (0.59)	3.9 (0.63)	3.0 (0.63)	3.3 (0.62)	3.0 (0.62)
<b>Control of school</b>										
Public .....	12.2 (0.43)	7.7 (0.38)	6.6 (0.33)	6.4 (0.34)	6.6 (0.42)	5.5 (0.34)	4.4 (0.35)	3.9 (0.30)	3.5 (0.35)	3.5 (0.30)
Private .....	7.3 (1.01)	3.6 (0.81)	4.6 (0.92)	3.0 (0.73)	3.8 (0.82)	2.5! (0.89)	1.9! (0.74)	1.5! (0.64)	2.6! (0.83)	‡ (†)
<b>Away from school</b>										
<b>Total</b> .....	<b>— (†)</b>	<b>5.7 (0.32)</b>	<b>4.6 (0.28)</b>	<b>5.4 (0.29)</b>	<b>5.2 (0.33)</b>	<b>3.5 (0.29)</b>	<b>3.3 (0.32)</b>	<b>2.4 (0.23)</b>	<b>2.7 (0.35)</b>	<b>2.2 (0.29)</b>
<b>Sex</b>										
Male .....	— (†)	4.1 (0.34)	3.7 (0.31)	4.0 (0.30)	4.6 (0.42)	2.4 (0.31)	2.5 (0.34)	2.0 (0.27)	2.4 (0.40)	1.2 (0.25)
Female .....	— (†)	7.4 (0.49)	5.6 (0.42)	6.8 (0.48)	5.8 (0.48)	4.5 (0.40)	4.1 (0.51)	2.7 (0.30)	3.0 (0.44)	3.3 (0.48)
<b>Race/ethnicity<sup>2</sup></b>										
White .....	— (†)	4.3 (0.32)	3.7 (0.29)	3.8 (0.31)	4.2 (0.40)	2.5 (0.28)	2.2 (0.28)	1.6 (0.24)	1.6 (0.30)	1.7 (0.30)
Black .....	— (†)	8.7 (1.00)	6.3 (0.87)	10.0 (1.13)	7.3 (0.96)	4.9 (0.73)	5.7 (1.10)	3.5 (0.86)	3.6 (0.78)	2.7! (0.82)
Hispanic .....	— (†)	8.9 (1.03)	6.5 (0.75)	7.4 (0.80)	6.2 (0.84)	5.9 (0.80)	3.9 (0.70)	3.3 (0.50)	4.5 (0.86)	3.4 (0.61)
Asian .....	— (†)	— (†)	— (†)	— (†)	7.4! (2.89)	‡ (†)	7.1! (2.50)	3.2! (1.15)	2.9! (1.03)	‡ (†)
Other .....	— (†)	5.4 (1.04)	6.6 (1.32)	3.9 (1.02)	3.1! (1.28)	‡ (†)	4.0! (1.79)	2.5! (1.05)	3.2! (1.42)	‡ (†)
<b>Grade</b>										
6th .....	— (†)	7.8 (1.11)	6.3 (1.15)	6.8 (1.01)	5.6 (0.99)	5.9 (1.20)	3.3 (0.89)	3.0 (0.86)	3.9 (0.88)	2.8! (0.96)
7th .....	— (†)	6.1 (0.72)	5.5 (0.80)	6.7 (0.80)	7.5 (0.89)	3.0 (0.55)	4.0 (0.78)	2.7 (0.58)	2.2 (0.54)	2.2 (0.54)
8th .....	— (†)	5.5 (0.66)	4.4 (0.61)	5.3 (0.71)	5.0 (0.72)	3.6 (0.65)	3.3 (0.72)	2.1 (0.43)	2.4! (0.80)	2.9 (0.68)
9th .....	— (†)	4.6 (0.63)	4.5 (0.62)	4.3 (0.55)	3.8 (0.61)	4.0 (0.75)	2.6 (0.62)	3.5 (0.65)	2.8 (0.59)	2.5 (0.58)
10th .....	— (†)	4.8 (0.63)	4.2 (0.63)	5.3 (0.67)	4.7 (0.66)	3.0 (0.60)	5.5 (0.96)	1.7 (0.46)	4.4 (0.83)	1.2! (0.41)
11th .....	— (†)	5.9 (0.72)	4.7 (0.62)	4.7 (0.69)	4.2 (0.74)	2.3 (0.56)	2.2 (0.56)	2.9 (0.70)	2.2 (0.47)	2.0! (0.64)
12th .....	— (†)	6.1 (0.86)	3.3 (0.62)	4.9 (0.72)	5.4 (0.98)	3.2 (0.61)	2.1 (0.63)	1.0! (0.37)	1.3! (0.46)	2.1 (0.63)
<b>Urbanicity<sup>3</sup></b>										
Urban .....	— (†)	9.1 (0.82)	7.4 (0.68)	8.1 (0.60)	6.7 (0.61)	5.3 (0.67)	5.8 (0.87)	3.4 (0.42)	4.0 (0.54)	2.8 (0.54)
Suburban .....	— (†)	5.0 (0.31)	3.8 (0.33)	4.4 (0.34)	4.6 (0.43)	2.7 (0.36)	2.5 (0.33)	2.2 (0.30)	2.2 (0.42)	2.3 (0.39)
Rural .....	— (†)	3.0 (0.71)	3.0 (0.59)	4.0 (0.69)	4.7 (0.98)	2.8 (0.54)	1.9 (0.48)	1.0! (0.35)	1.7 (0.49)	1.1! (0.36)
<b>Control of school</b>										
Public .....	— (†)	5.8 (0.32)	4.6 (0.30)	5.4 (0.31)	5.2 (0.34)	3.6 (0.30)	3.5 (0.33)	2.4 (0.23)	2.7 (0.36)	2.2 (0.27)
Private .....	— (†)	5.0 (0.92)	5.1 (1.08)	4.7 (0.89)	4.9 (1.41)	2.1! (0.72)	1.8! (0.71)	1.6! (0.68)	2.0! (0.70)	3.0! (1.16)

—Not available.

†Not applicable.

!Interpret data with caution. The coefficient of variation (CV) for this estimate is between 30 and 50 percent.

‡Reporting standards not met. Either there are too few cases for a reliable estimate or the coefficient of variation (CV) is 50 percent or greater.

<sup>1</sup>In 2005 and prior years, the period covered by the survey question was “during the last 6 months,” whereas the period was “during this school year” beginning in 2007. Cognitive testing showed that estimates for earlier years are comparable to those for 2007 and later years.

<sup>2</sup>Race categories exclude persons of Hispanic ethnicity. “Other” includes American Indians/Alaska Natives, Asians (prior to 2005), Pacific Islanders, and, from 2003 onward, persons of Two or more races. Due to changes in racial/ethnic categories, comparisons of race/ethnicity across years should be made with caution.

<sup>3</sup>Refers to the Standard Metropolitan Statistical Area (MSA) status of the respondent’s household as defined by the U.S. Census Bureau. Categories include “central city of an MSA (Urban),” “in MSA but not in central city (Suburban),” and “not MSA (Rural).”

NOTE: “At school” includes the school building, on school property, on a school bus, and, from 2001 onward, going to and from school. Students were asked if they were “never,” “almost never,” “sometimes,” or “most of the time” afraid that someone would attack or harm them at school or away from school. Students responding “sometimes” or “most of the time” were considered afraid. For the 2001 survey only, the wording was changed from “attack or harm” to “attack or threaten to attack.”

SOURCE: U.S. Department of Justice, Bureau of Justice Statistics, School Crime Supplement (SCS) to the National Crime Victimization Survey, 1995 through 2015. (This table was prepared August 2016.)

**Table 230.80. Percentage of students ages 12–18 who reported avoiding one or more places in school or avoiding school activities or classes because of fear of attack or harm, by selected student and school characteristics: Selected years, 1995 through 2015**  
[Standard errors appear in parentheses]

Type of avoidance and student or school characteristic	1995 <sup>1</sup>	1999 <sup>1</sup>	2001 <sup>1</sup>	2003 <sup>1</sup>	2005 <sup>1</sup>	2007	2009	2011	2013	2015
1	2	3	4	5	6	7	8	9	10	11
<b>Total, any avoidance<sup>2</sup></b>	— (†)	<b>6.9 (0.34)</b>	<b>6.1 (0.32)</b>	<b>5.0 (0.30)</b>	<b>5.5 (0.32)</b>	<b>7.2 (0.36)</b>	<b>5.0 (0.35)</b>	<b>5.5 (0.34)</b>	<b>4.7 (0.31)</b>	<b>4.9 (0.37)</b>
<b>Avoided one or more places in school<sup>3</sup></b>										
Total	8.7 (0.29)	4.6 (0.29)	4.7 (0.27)	4.0 (0.27)	4.5 (0.28)	5.8 (0.31)	4.0 (0.32)	4.7 (0.30)	3.7 (0.27)	3.9 (0.32)
Entrance to the school	2.1 (0.15)	1.1 (0.14)	1.2 (0.11)	1.2 (0.11)	1.0 (0.14)	1.5 (0.15)	0.9 (0.15)	0.9 (0.13)	0.8 (0.14)	0.9 (0.14)
Hallways or stairs in school	4.2 (0.21)	2.1 (0.17)	2.1 (0.18)	1.7 (0.17)	2.1 (0.21)	2.6 (0.21)	2.2 (0.23)	2.5 (0.21)	1.7 (0.18)	1.7 (0.20)
Parts of the school cafeteria	2.5 (0.18)	1.3 (0.15)	1.4 (0.16)	1.2 (0.13)	1.8 (0.16)	1.9 (0.19)	1.1 (0.17)	1.8 (0.18)	1.4 (0.19)	1.2 (0.19)
Any school restrooms	4.4 (0.22)	2.1 (0.19)	2.2 (0.19)	2.0 (0.16)	2.1 (0.20)	2.6 (0.24)	1.4 (0.19)	1.7 (0.19)	1.3 (0.16)	1.5 (0.21)
Other places inside the school building	2.5 (0.18)	1.4 (0.17)	1.4 (0.14)	1.2 (0.14)	1.4 (0.18)	1.5 (0.17)	1.0 (0.16)	1.1 (0.15)	0.8 (0.13)	0.8 (0.13)
<b>Sex</b>										
Male	8.8 (0.43)	4.6 (0.35)	4.7 (0.40)	3.9 (0.34)	4.9 (0.46)	6.1 (0.47)	3.9 (0.45)	3.9 (0.42)	3.4 (0.34)	3.4 (0.41)
Female	8.5 (0.46)	4.6 (0.39)	4.6 (0.35)	4.1 (0.37)	4.1 (0.40)	5.5 (0.41)	4.0 (0.42)	5.5 (0.40)	3.9 (0.43)	4.4 (0.45)
<b>Race/ethnicity<sup>4</sup></b>										
White	7.1 (0.32)	3.8 (0.27)	3.9 (0.30)	3.0 (0.27)	3.6 (0.30)	5.3 (0.36)	3.3 (0.38)	4.4 (0.38)	3.0 (0.34)	3.8 (0.43)
Black	12.1 (1.01)	6.7 (0.90)	6.6 (0.75)	5.1 (0.79)	7.2 (0.98)	8.3 (1.02)	6.1 (1.04)	4.5 (0.80)	3.3 (0.79)	3.9 (0.80)
Hispanic	12.9 (0.97)	6.2 (0.73)	5.5 (0.71)	6.3 (0.70)	6.0 (0.80)	6.8 (0.82)	4.8 (0.86)	6.0 (0.68)	4.9 (0.63)	4.2 (0.68)
Asian	— (†)	— (†)	— (†)	— (†)	2.5! (0.87)	‡ (†)	3.7! (1.53)	2.7! (1.06)	3.8! (1.26)	3.7! (1.33)
Other	11.1 (1.61)	5.4 (0.99)	6.2 (1.16)	4.4 (1.02)	4.3! (1.86)	3.5! (1.22)	‡ (†)	3.3! (1.04)	5.9 (1.72)	3.2! (1.26)
<b>Grade</b>										
6th	11.6 (0.99)	5.9 (0.92)	6.8 (0.93)	5.6 (0.94)	7.9 (1.27)	7.8 (1.20)	7.1 (1.13)	6.9 (0.99)	4.4 (0.92)	6.2 (1.15)
7th	11.8 (0.89)	6.1 (0.72)	6.2 (0.79)	5.7 (0.73)	5.8 (0.93)	7.5 (0.86)	5.5 (0.86)	5.1 (0.76)	4.6 (0.72)	5.4 (0.88)
8th	8.8 (0.77)	5.5 (0.70)	5.2 (0.62)	4.7 (0.63)	4.5 (0.67)	5.9 (0.84)	4.8 (0.93)	5.2 (0.75)	2.7 (0.62)	4.0 (0.80)
9th	9.5 (0.71)	5.3 (0.63)	5.0 (0.61)	5.1 (0.62)	5.2 (0.78)	6.7 (0.81)	4.5 (0.89)	3.7 (0.67)	5.1 (0.78)	4.0 (0.71)
10th	7.8 (0.75)	4.7 (0.61)	4.2 (0.64)	3.1 (0.54)	4.2 (0.65)	5.5 (0.80)	4.2 (0.88)	5.4 (0.72)	4.0 (0.72)	2.8 (0.53)
11th	6.9 (0.64)	2.5 (0.46)	2.8 (0.43)	2.5 (0.53)	3.3 (0.58)	4.2 (0.70)	1.2! (0.44)	3.6 (0.65)	2.5 (0.61)	2.2 (0.56)
12th	4.1 (0.74)	2.4 (0.51)	3.0 (0.64)	1.2! (0.41)	1.3! (0.41)	3.2 (0.71)	1.6! (0.50)	3.7 (0.71)	2.3 (0.62)	3.3 (0.81)
<b>Urbanicity<sup>5</sup></b>										
Urban	11.7 (0.73)	5.8 (0.48)	6.0 (0.52)	5.7 (0.59)	6.3 (0.67)	6.1 (0.65)	5.5 (0.69)	5.3 (0.61)	4.3 (0.54)	4.7 (0.67)
Suburban	7.9 (0.40)	4.7 (0.38)	4.3 (0.38)	3.5 (0.30)	3.8 (0.36)	5.2 (0.38)	3.1 (0.38)	4.6 (0.36)	3.3 (0.33)	4.0 (0.42)
Rural	7.0 (0.65)	3.0 (0.56)	3.9 (0.70)	2.8 (0.53)	4.2 (0.74)	6.9 (0.69)	4.3 (0.80)	3.5 (0.54)	3.5 (0.68)	1.9! (0.57)
<b>School control</b>										
Public	9.3 (0.33)	5.0 (0.31)	4.9 (0.29)	4.2 (0.29)	4.8 (0.30)	6.2 (0.35)	4.2 (0.34)	4.9 (0.32)	3.9 (0.29)	4.0 (0.33)
Private	2.2 (0.47)	1.6 (0.45)	2.0! (0.69)	1.5! (0.49)	1.4! (0.55)	1.4! (0.54)	1.8! (0.73)	2.1! (0.70)	1.0! (0.49)	1.7! (0.76)
<b>Avoided school activities or classes<sup>6</sup></b>										
Total	— (†)	3.2 (0.22)	2.3 (0.18)	1.9 (0.18)	2.1 (0.23)	2.6 (0.23)	2.1 (0.25)	2.0 (0.20)	2.0 (0.21)	2.1 (0.24)
Any activities <sup>7</sup>	1.7 (0.15)	0.8 (0.10)	1.1 (0.12)	1.0 (0.11)	1.0 (0.16)	1.8 (0.20)	1.3 (0.20)	1.2 (0.16)	1.0 (0.13)	1.3 (0.18)
Any classes	— (†)	0.6 (0.09)	0.6 (0.09)	0.6 (0.10)	0.7 (0.13)	0.7 (0.12)	0.6 (0.13)	0.7 (0.10)	0.5 (0.10)	0.6 (0.11)
Stayed home from school	— (†)	2.3 (0.19)	1.1 (0.13)	0.8 (0.11)	0.7 (0.11)	0.8 (0.13)	0.6 (0.14)	0.8 (0.12)	0.9 (0.13)	0.8 (0.14)

—Not available.

†Not applicable.

!Interpret data with caution. The coefficient of variation (CV) for this estimate is between 30 and 50 percent.

‡Reporting standards not met. Either there are too few cases for a reliable estimate or the coefficient of variation (CV) is 50 percent or greater.

<sup>1</sup>In 2005 and prior years, the period covered by the survey question was “during the last 6 months,” whereas the period was “during this school year” beginning in 2007. Cognitive testing showed that estimates for earlier years are comparable to those for 2007 and later years.

<sup>2</sup>Students who reported both avoiding one or more places in school and avoiding school activities or classes were counted only once in the total for any avoidance.

<sup>3</sup>Students who reported avoiding multiple places in school were counted only once in the total for students avoiding one or more places.

<sup>4</sup>Race categories exclude persons of Hispanic ethnicity. “Other” includes American Indians/Alaska Natives, Asians (prior to 2005), Pacific Islanders, and, from 2003 onward, persons

of Two or more races. Due to changes in racial/ethnic categories, comparisons of race/ethnicity across years should be made with caution.

<sup>5</sup>Refers to the Standard Metropolitan Statistical Area (MSA) status of the respondent’s household as defined by the U.S. Census Bureau. Categories include “central city of an MSA (Urban),” “in MSA but not in central city (Suburban),” and “not MSA (Rural).”

<sup>6</sup>Students who reported more than one type of avoidance of school activities or classes—e.g., reported that they avoided “any activities” and also reported that they stayed home from school—were counted only once in the total for avoiding activities or classes.

<sup>7</sup>Before 2007, students were asked whether they avoided “any extracurricular activities.” Starting in 2007, the survey wording was changed to “any activities.”

NOTE: Students were asked whether they avoided places or activities because they thought that someone might attack or harm them. For the 2001 survey only, the wording was changed from “attack or harm” to “attack or threaten to attack.”

SOURCE: U.S. Department of Justice, Bureau of Justice Statistics, School Crime Supplement (SCS) to the National Crime Victimization Survey, 1995 through 2015. (This table was prepared August 2016.)

**Table 230.90. Percentage of public school teachers who agreed that student misbehavior and student tardiness and class cutting interfered with their teaching, by selected teacher and school characteristics: Selected years, 1987–88 through 2015–16**

[Standard errors appear in parentheses]

Teacher or school characteristic	1987–88	1990–91	1993–94	1999–2000	2003–04	2007–08	2011–12	2015–16
1	2	3	4	5	6	7	8	9
<b>Student misbehavior<sup>1</sup> in school interfered with teaching</b>								
<b>Total</b> .....	<b>42.3 (0.36)</b>	<b>35.7 (0.34)</b>	<b>44.1 (0.40)</b>	<b>40.8 (0.42)</b>	<b>37.2 (0.52)</b>	<b>36.0 (0.57)</b>	<b>40.7 (0.65)</b>	<b>42.8 (0.38)</b>
Years of teaching experience								
3 or fewer .....	45.0 (0.99)	38.0 (0.98)	48.2 (1.26)	43.8 (0.90)	41.6 (1.92)	39.0 (1.15)	45.7 (1.28)	47.3 (0.74)
4 to 9 .....	42.9 (0.72)	36.2 (0.77)	45.8 (0.68)	43.0 (0.75)	38.2 (0.80)	36.8 (1.11)	42.1 (1.22)	43.4 (0.59)
10 to 19 .....	41.4 (0.44)	34.7 (0.57)	43.8 (0.65)	38.9 (0.74)	36.3 (0.88)	35.8 (0.89)	40.1 (0.96)	42.0 (0.58)
20 or more .....	42.3 (0.75)	35.7 (0.77)	42.0 (0.59)	39.3 (0.60)	34.7 (0.74)	33.7 (0.94)	37.9 (1.06)	40.8 (0.64)
School level <sup>2</sup>								
Elementary .....	40.8 (0.57)	35.5 (0.49)	42.9 (0.59)	40.7 (0.61)	35.1 (0.82)	33.7 (0.80)	40.1 (0.96)	43.6 (0.49)
Secondary .....	44.6 (0.42)	36.1 (0.47)	45.5 (0.37)	40.8 (0.44)	41.5 (0.59)	40.2 (0.79)	41.9 (0.82)	42.1 (0.66)
School enrollment								
Under 200 .....	34.1 (1.07)	27.0 (1.18)	35.0 (1.09)	36.8 (1.36)	33.9 (1.71)	36.1 (1.91)	42.3 (1.84)	40.2 (1.42)
200 to 499 .....	38.5 (0.64)	32.5 (0.65)	39.6 (0.83)	39.0 (0.67)	32.7 (0.93)	35.0 (0.97)	40.1 (0.94)	42.9 (0.72)
500 to 749 .....	42.6 (0.63)	35.9 (0.67)	43.4 (0.79)	41.7 (0.92)	35.0 (1.00)	35.8 (1.36)	38.6 (1.43)	42.6 (0.74)
750 to 999 .....	45.9 (1.17)	40.6 (1.09)	49.6 (0.91)	42.6 (1.48)	38.9 (1.50)	33.6 (1.38)	43.5 (1.93)	45.2 (1.12)
1,000 or more .....	47.8 (0.74)	39.5 (0.76)	49.0 (0.71)	42.5 (0.71)	44.9 (0.85)	38.9 (1.05)	41.8 (0.98)	42.0 (0.84)
Locale <sup>3</sup>								
City .....	— (†)	— (†)	— (†)	— (†)	45.8 (1.17)	44.0 (1.31)	48.5 (1.63)	49.6 (0.69)
Suburban .....	— (†)	— (†)	— (†)	— (†)	34.3 (0.84)	33.4 (0.92)	37.4 (1.06)	39.9 (0.62)
Town .....	— (†)	— (†)	— (†)	— (†)	36.2 (1.32)	35.5 (1.54)	40.5 (1.23)	44.2 (0.91)
Rural .....	— (†)	— (†)	— (†)	— (†)	31.8 (0.87)	31.9 (0.97)	36.7 (0.93)	37.1 (0.73)
<b>Student tardiness and class cutting interfered with teaching</b>								
<b>Total</b> .....	<b>34.7 (0.29)</b>	<b>— (†)</b>	<b>27.9 (0.32)</b>	<b>31.5 (0.35)</b>	<b>33.4 (0.45)</b>	<b>33.4 (0.64)</b>	<b>37.6 (0.51)</b>	<b>37.5 (0.45)</b>
Years of teaching experience								
3 or fewer .....	37.9 (1.03)	— (†)	31.8 (0.87)	35.1 (0.84)	37.0 (0.97)	36.7 (1.22)	41.4 (1.46)	41.8 (0.81)
4 to 9 .....	33.7 (0.55)	— (†)	28.8 (0.71)	32.4 (0.63)	34.0 (0.75)	34.4 (1.08)	38.5 (1.06)	38.5 (0.73)
10 to 19 .....	33.5 (0.39)	— (†)	26.8 (0.55)	29.1 (0.64)	32.9 (0.80)	32.6 (1.16)	37.4 (1.01)	36.7 (0.57)
20 or more .....	36.1 (0.61)	— (†)	27.0 (0.40)	30.9 (0.56)	31.4 (0.71)	31.2 (1.00)	35.0 (1.02)	35.3 (0.64)
School level <sup>2</sup>								
Elementary .....	23.7 (0.37)	— (†)	18.4 (0.47)	25.5 (0.48)	27.7 (0.60)	26.4 (0.85)	32.3 (0.76)	32.2 (0.52)
Secondary .....	51.5 (0.44)	— (†)	45.3 (0.40)	43.4 (0.47)	45.7 (0.64)	47.2 (0.86)	47.1 (0.69)	47.6 (0.74)
School enrollment								
Under 200 .....	27.5 (1.03)	— (†)	18.7 (0.80)	26.6 (1.06)	29.5 (1.38)	31.4 (1.76)	36.9 (1.69)	37.9 (1.77)
200 to 499 .....	25.3 (0.46)	— (†)	18.7 (0.63)	27.5 (0.72)	28.2 (0.82)	29.2 (1.03)	34.5 (1.03)	33.9 (0.66)
500 to 749 .....	29.6 (0.66)	— (†)	22.1 (0.70)	28.2 (0.72)	29.0 (0.89)	29.3 (1.32)	33.6 (1.08)	34.9 (0.77)
750 to 999 .....	36.8 (1.10)	— (†)	31.5 (1.25)	28.7 (1.23)	32.1 (1.21)	30.7 (1.25)	37.8 (1.94)	35.3 (1.01)
1,000 or more .....	55.4 (0.67)	— (†)	48.0 (0.73)	42.2 (0.79)	46.0 (0.97)	44.5 (1.16)	45.4 (0.94)	45.7 (0.94)
Locale <sup>3</sup>								
City .....	— (†)	— (†)	— (†)	— (†)	41.1 (1.01)	42.8 (1.14)	44.8 (1.18)	44.5 (0.84)
Suburban .....	— (†)	— (†)	— (†)	— (†)	30.5 (0.82)	30.5 (0.97)	34.0 (0.85)	33.6 (0.64)
Town .....	— (†)	— (†)	— (†)	— (†)	33.0 (1.20)	33.8 (1.66)	38.6 (1.32)	39.4 (0.93)
Rural .....	— (†)	— (†)	— (†)	— (†)	28.6 (0.85)	27.7 (0.97)	33.7 (0.91)	33.3 (0.65)

—Not available.

†Not applicable.

<sup>1</sup>The questionnaire provided the following examples of student misbehavior: noise, horseplay, or fighting in the halls, cafeteria, or student lounge.

<sup>2</sup>Elementary schools are those with any of grades kindergarten through grade 6 and none of grades 9 through 12. Secondary schools have any of grades 7 through 12 and none of grades kindergarten through grade 6. Combined elementary/secondary schools are included in totals but are not shown separately.

<sup>3</sup>Locale data prior to 2003–04 are not comparable to data based on current definitions. Interpret 2015–16 data on city teachers with caution. After nonresponse adjustments, the nonresponse bias for this category is greater than for other characteristics.

NOTE: Teachers who taught only prekindergarten students are excluded. Includes both teachers who “strongly” agreed and those who “somewhat” agreed that student misbehavior or student tardiness and class cutting interfered with their teaching. Includes teachers in both traditional public schools and public charter schools. Some data have been revised from previously published figures.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Schools and Staffing Survey (SASS), “Public School Teacher Data File,” 1987–88, 1990–91, 1993–94, 1999–2000, 2003–04, 2007–08, and 2011–12; “Charter School Teacher Data File,” 1999–2000; and National Teacher and Principal Survey (NTPS), “Public School Teacher Data File,” 2015–16. (This table was prepared August 2017.)

**Table 230.92. Percentage of public school teachers who agreed that other teachers and the principal enforced school rules, by selected teacher and school characteristics: Selected years, 1987–88 through 2015–16**

[Standard errors appear in parentheses]

Teacher or school characteristic	1987–88	1990–91	1993–94	1999–2000	2003–04	2007–08	2011–12	2015–16
1	2	3	4	5	6	7	8	9
<b>Other teachers enforced school rules<sup>1</sup></b>								
<b>Total</b> .....	<b>63.8 (0.31)</b>	<b>71.9 (0.36)</b>	<b>61.8 (0.42)</b>	<b>62.6 (0.39)</b>	<b>71.1 (0.46)</b>	<b>70.6 (0.55)</b>	<b>67.6 (0.51)</b>	<b>67.0 (0.43)</b>
Years of teaching experience								
3 or fewer .....	66.5 (1.00)	74.6 (1.06)	66.4 (1.14)	67.7 (0.88)	75.0 (1.30)	71.8 (1.25)	69.0 (1.40)	69.6 (0.79)
4 to 9 .....	63.3 (0.75)	70.4 (0.81)	60.2 (0.90)	59.3 (0.70)	69.5 (0.77)	68.3 (0.98)	65.3 (0.90)	65.7 (0.66)
10 to 19 .....	63.2 (0.50)	71.6 (0.50)	61.0 (0.63)	62.8 (0.69)	70.0 (0.77)	70.0 (0.81)	67.2 (0.93)	65.5 (0.63)
20 or more .....	64.0 (0.61)	72.4 (0.61)	61.8 (0.63)	62.4 (0.64)	71.6 (0.71)	72.9 (0.90)	70.1 (0.91)	68.7 (0.65)
School level <sup>2</sup>								
Elementary .....	73.3 (0.43)	79.7 (0.56)	70.9 (0.54)	71.2 (0.54)	78.8 (0.60)	78.8 (0.67)	75.2 (0.76)	74.7 (0.40)
Secondary .....	49.3 (0.59)	59.3 (0.45)	45.8 (0.36)	46.0 (0.49)	54.7 (0.55)	55.1 (0.66)	53.4 (0.71)	52.9 (0.65)
School enrollment								
Under 200 .....	71.3 (1.13)	81.7 (0.83)	70.4 (1.28)	70.2 (1.28)	81.5 (1.17)	77.5 (1.71)	74.0 (1.60)	74.2 (1.34)
200 to 499 .....	72.0 (0.48)	78.6 (0.63)	70.1 (0.74)	71.0 (0.68)	78.6 (0.70)	78.2 (0.83)	74.2 (1.08)	74.0 (0.54)
500 to 749 .....	66.7 (0.78)	75.5 (0.78)	66.4 (0.84)	67.1 (0.74)	76.0 (0.71)	74.2 (1.09)	72.0 (1.07)	71.4 (0.57)
750 to 999 .....	60.0 (1.03)	68.0 (1.03)	57.7 (1.15)	61.8 (1.16)	69.0 (1.36)	71.5 (1.58)	65.9 (1.37)	65.9 (1.06)
1,000 or more .....	47.6 (0.86)	57.0 (0.69)	45.3 (0.80)	46.8 (0.79)	55.8 (0.87)	56.4 (1.23)	54.5 (1.03)	53.4 (0.80)
Locale <sup>3</sup>								
City .....	— (†)	— (†)	— (†)	— (†)	67.8 (0.96)	67.3 (1.17)	66.7 (1.29)	64.6 (0.82)
Suburban .....	— (†)	— (†)	— (†)	— (†)	72.1 (0.79)	71.2 (0.84)	67.3 (0.83)	66.8 (0.68)
Town .....	— (†)	— (†)	— (†)	— (†)	71.6 (1.05)	72.2 (1.42)	68.0 (1.19)	68.3 (0.97)
Rural .....	— (†)	— (†)	— (†)	— (†)	73.5 (0.64)	72.5 (0.82)	68.6 (0.92)	70.5 (0.69)
<b>Principal enforced school rules<sup>4</sup></b>								
<b>Total</b> .....	<b>83.1 (0.22)</b>	<b>86.7 (0.29)</b>	<b>80.8 (0.35)</b>	<b>82.2 (0.33)</b>	<b>87.2 (0.34)</b>	<b>88.0 (0.37)</b>	<b>83.7 (0.43)</b>	<b>84.0 (0.30)</b>
Years of teaching experience								
3 or fewer .....	84.4 (0.56)	87.3 (0.58)	84.3 (0.74)	84.0 (0.62)	88.0 (0.81)	89.2 (0.74)	85.8 (1.20)	85.4 (0.63)
4 to 9 .....	83.2 (0.46)	86.3 (0.63)	79.2 (0.73)	81.8 (0.59)	86.2 (0.61)	87.8 (0.69)	84.0 (0.76)	84.0 (0.49)
10 to 19 .....	83.2 (0.37)	87.0 (0.46)	81.6 (0.49)	82.1 (0.56)	87.1 (0.58)	86.6 (0.70)	81.7 (0.79)	83.3 (0.42)
20 or more .....	82.3 (0.53)	86.5 (0.43)	79.8 (0.41)	81.8 (0.43)	87.8 (0.47)	88.9 (0.62)	85.1 (0.92)	84.1 (0.44)
School level <sup>2</sup>								
Elementary .....	84.7 (0.39)	87.7 (0.44)	82.0 (0.51)	83.7 (0.46)	87.9 (0.51)	89.2 (0.48)	84.5 (0.64)	85.4 (0.34)
Secondary .....	81.1 (0.37)	85.5 (0.37)	78.6 (0.33)	79.5 (0.42)	85.8 (0.44)	85.9 (0.51)	82.2 (0.59)	81.6 (0.49)
School enrollment								
Under 200 .....	83.6 (0.79)	87.7 (0.72)	82.2 (0.90)	84.8 (0.89)	89.5 (0.84)	89.1 (1.08)	85.5 (1.26)	86.0 (1.20)
200 to 499 .....	84.2 (0.41)	87.5 (0.49)	82.7 (0.53)	83.6 (0.56)	88.8 (0.53)	89.0 (0.67)	84.4 (0.90)	84.6 (0.48)
500 to 749 .....	84.2 (0.58)	88.4 (0.54)	81.7 (0.80)	83.2 (0.59)	87.4 (0.69)	88.4 (0.72)	85.0 (0.79)	85.2 (0.55)
750 to 999 .....	82.8 (0.85)	85.4 (0.83)	79.1 (0.93)	81.7 (0.94)	85.5 (1.19)	88.2 (0.93)	82.4 (1.33)	84.2 (0.69)
1,000 or more .....	80.5 (0.65)	84.6 (0.66)	77.8 (0.60)	79.6 (0.60)	85.6 (0.63)	86.3 (0.76)	81.8 (0.82)	81.4 (0.59)
Locale <sup>3</sup>								
City .....	— (†)	— (†)	— (†)	— (†)	84.3 (0.69)	85.1 (0.89)	81.5 (1.07)	81.7 (0.54)
Suburban .....	— (†)	— (†)	— (†)	— (†)	88.3 (0.55)	89.0 (0.62)	84.0 (0.78)	84.2 (0.46)
Town .....	— (†)	— (†)	— (†)	— (†)	88.7 (0.75)	88.9 (1.14)	85.1 (0.97)	85.2 (0.62)
Rural .....	— (†)	— (†)	— (†)	— (†)	88.3 (0.61)	89.3 (0.62)	85.0 (0.76)	86.4 (0.52)

—Not available.

†Not applicable.

<sup>1</sup>Respondents were asked whether “rules for student behavior are consistently enforced by teachers in this school, even for students not in their classes.”

<sup>2</sup>Elementary schools are those with any of grades kindergarten through grade 6 and none of grades 9 through 12. Secondary schools have any of grades 7 through 12 and none of grades kindergarten through grade 6. Combined elementary/secondary schools are included in totals but are not shown separately.

<sup>3</sup>Locale data prior to 2003–04 are not comparable to data based on current definitions. Interpret 2015–16 data on city teachers with caution. After nonresponse adjustments, the nonresponse bias for this category is greater than for other characteristics.

<sup>4</sup>Respondents were asked whether “my principal enforces school rules for student conduct and backs me up when I need it.”

NOTE: Teachers who taught only prekindergarten students are excluded. Includes both teachers who “strongly” agreed and those who “somewhat” agreed that rules were enforced by other teachers and the principal. Includes teachers in both traditional public schools and public charter schools. Some data have been revised from previously published figures. SOURCE: U.S. Department of Education, National Center for Education Statistics, Schools and Staffing Survey (SASS), “Public School Teacher Data File,” 1987–88, 1990–91, 1993–94, 1999–2000, 2003–04, 2007–08, and 2011–12; “Charter School Teacher Data File,” 1999–2000; and National Teacher and Principal Survey (NTPS), “Public School Teacher Data File,” 2015–16. (This table was prepared August 2017.)

**Table 230.95. Percentage of public school teachers who agreed that student misbehavior and student tardiness and class cutting interfered with their teaching and that other teachers and the principal enforced school rules, by state: 2011–12**

[Standard errors appear in parentheses]

State	Interfered with teaching				Enforced school rules			
	Student misbehavior		Student tardiness and class cutting		Other teachers <sup>1</sup>		Principal <sup>2</sup>	
1	2		3		4		5	
<b>United States</b> .....	<b>40.7</b>	<b>(0.65)</b>	<b>37.6</b>	<b>(0.51)</b>	<b>67.6</b>	<b>(0.51)</b>	<b>83.7</b>	<b>(0.43)</b>
Alabama .....	40.9	(3.36)	38.6	(2.82)	71.8	(2.84)	86.8	(2.26)
Alaska .....	35.8	(5.73)	56.8	(6.73)	72.2	(4.41)	83.2	(5.16)
Arizona .....	41.3	(2.56)	44.5	(2.67)	67.9	(2.72)	83.4	(2.06)
Arkansas .....	39.5	(3.56)	38.5	(3.80)	74.0	(2.60)	90.0	(2.16)
California .....	38.9	(2.47)	39.7	(2.36)	69.7	(1.83)	83.0	(1.63)
Colorado .....	45.5	(3.54)	47.6	(4.02)	61.7	(3.39)	80.6	(3.28)
Connecticut .....	37.2	(2.35)	28.6	(3.81)	61.7	(3.91)	80.7	(2.98)
Delaware .....	46.7	(4.47)	35.2	(4.58)	68.7	(3.58)	82.9	(3.32)
District of Columbia .....	‡	(†)	‡	(†)	‡	(†)	‡	(†)
Florida .....	‡	(†)	‡	(†)	‡	(†)	‡	(†)
Georgia .....	38.2	(3.56)	32.1	(3.36)	71.9	(2.64)	85.5	(2.29)
Hawaii .....	‡	(†)	‡	(†)	‡	(†)	‡	(†)
Idaho .....	34.6	(3.54)	36.1	(3.08)	74.7	(2.48)	87.9	(2.18)
Illinois .....	40.0	(2.96)	33.9	(3.07)	66.0	(3.18)	83.6	(2.31)
Indiana .....	38.8	(3.33)	41.0	(2.95)	68.4	(2.47)	81.8	(2.99)
Iowa .....	37.9	(3.12)	34.6	(3.18)	68.5	(2.77)	81.8	(2.40)
Kansas .....	32.0	(3.57)	24.9	(2.34)	70.9	(3.29)	91.8	(1.61)
Kentucky .....	42.8	(3.06)	32.8	(2.92)	67.4	(2.80)	86.9	(2.47)
Louisiana .....	55.1	(3.92)	36.1	(3.60)	62.5	(3.19)	82.1	(3.89)
Maine .....	39.1	(3.00)	39.2	(3.02)	62.9	(2.90)	83.2	(3.06)
Maryland .....	‡	(†)	‡	(†)	‡	(†)	‡	(†)
Massachusetts .....	37.2	(3.07)	32.0	(2.74)	66.6	(3.04)	83.1	(2.80)
Michigan .....	46.6	(2.87)	40.9	(2.63)	67.6	(2.12)	84.4	(2.08)
Minnesota .....	43.7	(2.49)	37.3	(2.50)	68.7	(1.88)	84.5	(1.84)
Mississippi .....	37.4	(3.30)	35.6	(3.40)	72.4	(2.96)	84.5	(2.51)
Missouri .....	33.2	(2.10)	33.6	(2.87)	68.9	(2.17)	86.6	(1.76)
Montana .....	41.3	(3.43)	45.3	(4.08)	66.5	(3.65)	83.1	(2.97)
Nebraska .....	38.2	(3.01)	33.6	(2.81)	70.9	(2.73)	86.7	(1.66)
Nevada .....	45.5	(3.77)	42.3	(4.86)	65.5	(3.42)	79.3	(3.22)
New Hampshire .....	38.3	(4.36)	30.9	(3.11)	62.0	(3.93)	83.2	(2.66)
New Jersey .....	35.9	(2.36)	29.9	(2.29)	66.8	(2.06)	84.4	(1.70)
New Mexico .....	39.0	(4.55)	54.5	(5.87)	64.2	(3.80)	78.7	(4.23)
New York .....	40.3	(2.91)	45.3	(3.06)	65.9	(2.47)	80.7	(2.46)
North Carolina .....	41.9	(3.13)	37.0	(2.94)	69.0	(2.58)	84.0	(2.34)
North Dakota .....	34.6	(3.26)	33.5	(3.52)	70.4	(2.77)	86.7	(2.45)
Ohio .....	41.8	(1.95)	38.8	(1.96)	66.4	(1.73)	84.7	(1.55)
Oklahoma .....	40.1	(2.74)	40.8	(2.87)	72.5	(2.47)	86.5	(2.12)
Oregon .....	33.1	(3.24)	35.6	(3.73)	77.3	(2.90)	88.1	(1.77)
Pennsylvania .....	40.0	(2.64)	33.4	(2.55)	65.2	(2.18)	82.5	(1.88)
Rhode Island .....	‡	(†)	‡	(†)	‡	(†)	‡	(†)
South Carolina .....	40.9	(3.22)	33.7	(3.40)	71.8	(3.23)	86.8	(2.15)
South Dakota .....	40.1	(3.10)	37.2	(3.92)	73.2	(2.91)	84.8	(2.53)
Tennessee .....	41.5	(3.56)	40.0	(3.56)	71.4	(3.14)	88.7	(2.14)
Texas .....	45.6	(2.29)	35.1	(2.13)	65.8	(2.56)	81.8	(1.99)
Utah .....	39.7	(3.67)	45.1	(4.30)	75.8	(3.56)	89.9	(2.27)
Vermont .....	39.9	(2.61)	36.2	(2.62)	59.2	(2.59)	80.5	(2.28)
Virginia .....	40.8	(3.46)	35.6	(3.06)	64.9	(2.87)	82.5	(2.52)
Washington .....	39.2	(2.89)	39.5	(3.16)	73.1	(2.60)	85.6	(2.18)
West Virginia .....	43.9	(3.87)	42.4	(4.09)	73.4	(2.90)	90.4	(2.58)
Wisconsin .....	42.7	(2.70)	34.2	(3.07)	69.5	(2.87)	85.8	(1.70)
Wyoming .....	30.7	(4.76)	40.0	(4.78)	73.9	(3.55)	89.1	(3.41)

†Not applicable.

‡Reporting standards not met. Data may be suppressed because the response rate is under 50 percent, there are too few cases for a reliable estimate, or the coefficient of variation (CV) is 50 percent or greater.

<sup>1</sup> Respondents were asked whether “rules for student behavior are consistently enforced by teachers in this school, even for students not in their classes.”

<sup>2</sup> Respondents were asked whether their “principal enforces school rules for student conduct and backs me up when I need it.”

NOTE: Teachers who taught only prekindergarten students are excluded. Includes traditional public and public charter school teachers. Includes both teachers who “strongly” agreed and those who “somewhat” agreed.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Schools and Staffing Survey (SASS), “Public School Teacher Data File,” 2011–12. (This table was prepared July 2013.)

**Table 231.10. Percentage of students in grades 9–12 who reported having been in a physical fight at least one time during the previous 12 months, by location and selected student characteristics: Selected years, 1993 through 2015**

[Standard errors appear in parentheses]

Location and student characteristic	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2015
1	2	3	4	5	6	7	8	9	10	11	12	13
<b>Anywhere (including on school property)<sup>1</sup></b>												
<b>Total</b>	<b>41.8 (0.99)</b>	<b>38.7 (1.14)</b>	<b>36.6 (1.01)</b>	<b>35.7 (1.17)</b>	<b>33.2 (0.71)</b>	<b>33.0 (0.99)</b>	<b>35.9 (0.77)</b>	<b>35.5 (0.77)</b>	<b>31.5 (0.70)</b>	<b>32.8 (0.65)</b>	<b>24.7 (0.74)</b>	<b>22.6 (0.87)</b>
<b>Sex</b>												
Male	51.2 (1.05)	46.1 (1.09)	45.5 (1.07)	44.0 (1.27)	43.1 (0.84)	40.5 (1.32)	43.4 (1.01)	44.4 (0.89)	39.3 (1.20)	40.7 (0.74)	30.2 (1.10)	28.4 (1.04)
Female	31.7 (1.19)	30.6 (1.49)	26.0 (1.26)	27.3 (1.70)	23.9 (0.95)	25.1 (0.85)	28.1 (0.94)	26.5 (0.99)	22.9 (0.74)	24.4 (0.92)	19.2 (0.72)	16.5 (1.04)
<b>Race/ethnicity<sup>2</sup></b>												
White	40.3 (1.13)	36.0 (1.06)	33.7 (1.29)	33.1 (1.45)	32.2 (0.95)	30.5 (1.11)	33.1 (0.88)	31.7 (0.96)	27.8 (0.88)	29.4 (0.74)	20.9 (0.70)	20.1 (1.13)
Black	49.5 (1.82)	41.6 (1.99)	43.0 (1.92)	41.4 (3.12)	36.5 (1.60)	39.7 (1.23)	43.1 (1.74)	44.7 (1.33)	41.1 (1.71)	39.1 (1.52)	34.7 (1.67)	32.4 (2.11)
Hispanic	43.2 (1.58)	47.9 (2.69)	40.7 (1.68)	39.9 (1.65)	35.8 (0.91)	36.1 (0.98)	41.0 (1.64)	40.4 (1.25)	36.2 (0.95)	36.8 (1.44)	28.4 (1.15)	23.0 (1.10)
Asian <sup>3</sup>	— (†)	— (†)	— (†)	22.7 (2.71)	22.3 (2.73)	25.9 (2.99)	21.6 (2.43)	24.3 (3.50)	18.9 (1.72)	18.4 (1.87)	16.1 (1.87)	14.7 (1.12)
Pacific Islander <sup>3</sup>	— (†)	— (†)	— (†)	50.7 (3.42)	51.7 (6.25)	30.0 (5.21)	34.4 (5.58)	42.6 (7.74)	32.6 (3.50)	43.0 (5.14)	22.0 (4.95)	29.2 (7.98)
American Indian/Alaska Native	49.8 (4.79)	47.2 (6.44)	54.7 (5.75)	48.7 (6.78)	49.2 (6.58)	46.6 (6.53)	44.2 (3.40)	36.0 (1.49)	42.4 (5.23)	42.4 (2.12)	32.1 (7.39)	29.9 (5.07)
Two or more races <sup>3</sup>	— (†)	— (†)	— (†)	40.2 (2.76)	39.6 (2.85)	38.2 (3.64)	46.9 (4.16)	47.8 (3.30)	34.2 (3.51)	45.0 (2.60)	28.5 (2.31)	27.6 (2.58)
<b>Grade</b>												
9th	50.4 (1.54)	47.3 (2.22)	44.8 (1.98)	41.1 (1.96)	39.5 (1.27)	38.6 (1.38)	43.5 (1.15)	40.9 (1.16)	37.0 (1.21)	37.7 (1.11)	28.3 (1.17)	27.9 (1.51)
10th	42.2 (1.45)	40.4 (1.49)	40.2 (1.91)	37.7 (2.11)	34.7 (1.37)	33.5 (1.20)	36.6 (1.09)	36.2 (1.34)	33.5 (1.19)	35.3 (1.35)	26.4 (1.42)	23.4 (1.46)
11th	40.5 (1.52)	36.9 (1.48)	34.2 (1.72)	31.3 (1.55)	29.1 (1.10)	30.9 (1.38)	31.6 (1.44)	34.8 (1.36)	28.6 (0.93)	29.7 (1.14)	24.0 (1.04)	20.5 (1.23)
12th	34.8 (1.56)	31.0 (1.71)	28.8 (1.36)	30.4 (1.91)	26.5 (1.01)	26.5 (1.08)	29.1 (1.26)	28.0 (1.42)	24.9 (0.99)	26.9 (0.95)	18.8 (1.19)	17.4 (1.23)
<b>Urbanicity<sup>4</sup></b>												
Urban	— (†)	— (†)	38.2 (2.00)	37.0 (2.66)	36.8 (1.53)	35.5 (2.17)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)
Suburban	— (†)	— (†)	36.7 (1.59)	35.0 (1.56)	31.3 (0.80)	33.1 (1.23)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)
Rural	— (†)	— (†)	32.9 (2.91)	36.6 (2.14)	33.8 (2.58)	29.7 (1.61)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)
<b>On school property<sup>5</sup></b>												
<b>Total</b>	<b>16.2 (0.59)</b>	<b>15.5 (0.79)</b>	<b>14.8 (0.64)</b>	<b>14.2 (0.62)</b>	<b>12.5 (0.49)</b>	<b>12.8 (0.76)</b>	<b>13.6 (0.56)</b>	<b>12.4 (0.48)</b>	<b>11.1 (0.54)</b>	<b>12.0 (0.39)</b>	<b>8.1 (0.35)</b>	<b>7.8 (0.54)</b>
<b>Sex</b>												
Male	23.5 (0.71)	21.0 (0.90)	20.0 (1.04)	18.5 (0.66)	18.0 (0.74)	17.1 (0.92)	18.2 (0.93)	16.3 (0.60)	15.1 (1.05)	16.0 (0.58)	10.7 (0.55)	10.3 (0.79)
Female	8.6 (0.73)	9.5 (1.03)	8.6 (0.78)	9.8 (0.95)	7.2 (0.47)	8.0 (0.70)	8.8 (0.52)	8.5 (0.62)	6.7 (0.42)	7.8 (0.43)	5.6 (0.38)	5.0 (0.45)
<b>Race/ethnicity<sup>2</sup></b>												
White	15.0 (0.68)	12.9 (0.62)	13.3 (0.84)	12.3 (0.86)	11.2 (0.60)	10.0 (0.73)	11.6 (0.66)	10.2 (0.56)	8.6 (0.58)	9.9 (0.51)	6.4 (0.45)	5.6 (0.35)
Black	22.0 (1.39)	20.3 (1.25)	20.7 (1.20)	18.7 (1.51)	16.8 (1.26)	17.1 (1.30)	16.9 (1.39)	17.6 (1.10)	17.4 (0.99)	16.4 (0.89)	12.8 (0.84)	12.6 (1.96)
Hispanic	17.9 (1.75)	21.1 (1.68)	19.0 (1.50)	15.7 (0.91)	14.1 (0.89)	16.7 (1.14)	18.3 (1.62)	15.5 (0.81)	13.5 (0.82)	14.4 (0.79)	9.4 (0.44)	8.9 (0.87)
Asian <sup>3</sup>	— (†)	— (†)	— (†)	10.4 (0.95)	10.8 (1.92)	13.1 (2.26)	5.9 (1.53)	8.5 (1.99)	7.7 (1.09)	6.2 (1.06)	5.5 (1.39)	6.3 (1.63)
Pacific Islander <sup>3</sup>	— (†)	— (†)	— (†)	25.3 (4.60)	29.1 (7.63)	22.2 (4.82)	24.5 (5.60)	9.6! (3.47)	14.8 (2.37)	20.9 (4.41)	7.1! (2.58)	20.9! (7.11)
American Indian/Alaska Native	18.6 (2.74)	31.4 (5.58)	18.9 (5.55)	16.2! (5.23)	18.2 (4.41)	24.2 (5.03)	22.0 (3.16)	15.0 (1.12)	20.7 (3.73)	12.0 (1.77)	10.7 (3.13)	13.2 (3.54)
Two or more races <sup>3</sup>	— (†)	— (†)	— (†)	16.9 (2.40)	14.7 (1.97)	20.2 (3.83)	15.8 (2.61)	19.6 (2.39)	12.4 (2.19)	16.6 (1.41)	10.0 (1.04)	9.3 (1.49)
<b>Grade</b>												
9th	23.1 (1.55)	21.6 (1.79)	21.3 (1.29)	18.6 (1.02)	17.3 (0.77)	18.0 (1.24)	18.9 (0.93)	17.0 (0.67)	14.9 (0.98)	16.2 (0.77)	10.9 (0.78)	11.6 (0.82)
10th	17.2 (1.07)	16.5 (1.57)	17.0 (1.67)	17.2 (1.23)	13.5 (0.88)	12.8 (0.89)	14.4 (1.08)	11.7 (0.86)	12.1 (0.83)	12.8 (0.86)	8.3 (0.61)	7.3 (0.76)
11th	13.8 (1.27)	13.6 (1.00)	12.5 (0.87)	10.8 (1.01)	9.4 (0.71)	10.4 (0.89)	10.4 (0.75)	11.0 (0.73)	9.5 (0.63)	9.2 (0.55)	7.5 (0.53)	6.5 (0.83)
12th	11.4 (0.66)	10.6 (0.73)	9.5 (0.73)	8.1 (1.00)	7.5 (0.56)	7.3 (0.70)	8.5 (0.70)	8.6 (0.62)	6.6 (0.59)	8.8 (0.69)	4.9 (0.63)	4.5 (0.51)
<b>Urbanicity<sup>4</sup></b>												
Urban	— (†)	— (†)	15.8 (1.50)	14.4 (1.08)	14.8 (0.90)	14.8 (1.31)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)
Suburban	— (†)	— (†)	14.2 (0.95)	13.7 (0.86)	11.0 (0.75)	12.8 (1.23)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)
Rural	— (†)	— (†)	14.7 (2.09)	16.3 (2.33)	13.8 (1.10)	10.0 (1.36)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)

—Not available.

†Not applicable.

!Interpret data with caution. The coefficient of variation (CV) for this estimate is between 30 and 50 percent.

<sup>1</sup>The term “anywhere” is not used in the Youth Risk Behavior Survey (YRBS) questionnaire; students were simply asked how many times in the past 12 months they had been in a physical fight.

<sup>2</sup>Race categories exclude persons of Hispanic ethnicity.

<sup>3</sup>Before 1999, Asian students and Pacific Islander students were not categorized separately, and students could not be classified as Two or more races. Because the response categories changed in 1999, caution should be used in comparing data on race from 1993, 1995, and 1997 with data from later years.

<sup>4</sup>Refers to the Standard Metropolitan Statistical Area (MSA) status of the respondent’s household as defined by the U.S. Census Bureau. Categories include “central city of an MSA (Urban),” “in MSA but not in central city (Suburban),” and “not MSA (Rural).”

<sup>5</sup>In the question asking students about physical fights at school, “on school property” was not defined for survey respondents.

SOURCE: Centers for Disease Control and Prevention, Division of Adolescent and School Health, Youth Risk Behavior Surveillance System (YRBSS), 1993 through 2015. (This table was prepared June 2016.)

**Table 231.20. Percentage distribution of students in grades 9–12, by number of times they reported having been in a physical fight anywhere or on school property during the previous 12 months and selected student characteristics: 2015**

[Standard errors appear in parentheses]

Student characteristic	Anywhere (including on school property) <sup>1</sup>				On school property <sup>2</sup>			
	0 times	1 to 3 times	4 to 11 times	12 or more times	0 times	1 to 3 times	4 to 11 times	12 or more times
1	2	3	4	5	6	7	8	9
<b>Total</b> .....	<b>77.4 (0.87)</b>	<b>17.5 (0.64)</b>	<b>3.6 (0.28)</b>	<b>1.6 (0.20)</b>	<b>92.2 (0.54)</b>	<b>6.7 (0.50)</b>	<b>0.6 (0.13)</b>	<b>0.4 (0.08)</b>
<b>Sex</b>								
Male .....	71.6 (1.04)	21.1 (0.82)	4.8 (0.44)	2.4 (0.34)	89.7 (0.79)	8.8 (0.70)	0.8 (0.20)	0.7 (0.13)
Female .....	83.5 (1.04)	13.7 (0.81)	2.2 (0.35)	0.7 (0.12)	95.0 (0.45)	4.5 (0.45)	0.3! (0.09)	0.2! (0.07)
<b>Race/ethnicity<sup>3</sup></b>								
White .....	79.9 (1.13)	16.2 (0.96)	2.7 (0.26)	1.2 (0.21)	94.4 (0.35)	5.2 (0.36)	0.3 (0.07)	0.1! (0.05)
Black .....	67.6 (2.11)	24.9 (1.35)	5.2 (1.28)	2.3 (0.57)	87.4 (1.96)	11.4 (1.82)	0.8! (0.33)	0.4! (0.16)
Hispanic .....	77.0 (1.10)	16.8 (0.84)	4.3 (0.45)	1.9 (0.25)	91.1 (0.87)	7.1 (0.67)	0.9! (0.29)	0.9 (0.24)
Asian .....	85.3 (1.12)	10.7 (1.50)	2.5! (0.85)	‡ (†)	93.7 (1.63)	5.1 (1.48)	0.3! (0.15)	‡ (†)
Pacific Islander .....	70.8 (7.98)	17.6 (4.95)	‡ (†)	‡ (†)	79.1 (7.11)	10.3! (4.07)	‡ (†)	‡ (†)
American Indian/Alaska Native .....	70.1 (5.07)	21.1 (3.73)	4.3! (1.87)	4.5! (2.00)	86.8 (3.54)	10.9 (3.00)	‡ (†)	‡ (†)
Two or more races .....	72.4 (2.58)	20.9 (2.22)	4.9! (1.51)	1.8! (0.60)	90.7 (1.49)	8.0 (1.44)	‡ (†)	‡ (†)
<b>Grade</b>								
9th .....	72.1 (1.51)	21.3 (1.29)	4.9 (0.48)	1.7 (0.31)	88.4 (0.82)	10.5 (0.93)	0.8 (0.23)	0.4! (0.14)
10th .....	76.6 (1.46)	18.2 (1.09)	3.6 (0.66)	1.6 (0.27)	92.7 (0.76)	6.4 (0.69)	0.5 (0.13)	0.4 (0.12)
11th .....	79.5 (1.23)	16.3 (0.91)	2.6 (0.51)	1.6 (0.37)	93.5 (0.83)	5.5 (0.69)	0.8! (0.30)	0.2! (0.06)
12th .....	82.6 (1.23)	13.3 (0.95)	2.8 (0.37)	1.3 (0.35)	95.5 (0.51)	3.8 (0.44)	0.2! (0.07)	0.5! (0.16)

†Not applicable.

!Interpret data with caution. The coefficient of variation (CV) for this estimate is between 30 and 50 percent.

‡Reporting standards not met. Either there are too few cases for a reliable estimate or the coefficient of variation (CV) is 50 percent or greater.

<sup>1</sup>The term “anywhere” is not used in the Youth Risk Behavior Survey (YRBS) questionnaire; students were simply asked how many times in the past 12 months they had been in a physical fight.

<sup>2</sup>In the question asking students about physical fights at school, “on school property” was not defined for respondents.

<sup>3</sup>Race categories exclude persons of Hispanic ethnicity.

NOTE: Detail may not sum to totals because of rounding.

SOURCE: Centers for Disease Control and Prevention, Division of Adolescent and School Health, Youth Risk Behavior Surveillance System (YRBSS), 2015. (This table was prepared June 2016.)

**Table 231.30. Percentage of public school students in grades 9–12 who reported having been in a physical fight at least one time during the previous 12 months, by location and state or jurisdiction: Selected years, 2005 through 2015**  
[Standard errors appear in parentheses]

State or jurisdiction	Anywhere (including on school property) <sup>1</sup>						On school property <sup>2</sup>					
	2005	2007	2009	2011	2013	2015	2005	2007	2009	2011	2013	2015
1	2	3	4	5	6	7	8	9	10	11	12	13
<b>United States<sup>3</sup></b> .....	<b>35.9 (0.77)</b>	<b>35.5 (0.77)</b>	<b>31.5 (0.70)</b>	<b>32.8 (0.65)</b>	<b>24.7 (0.74)</b>	<b>22.6 (0.87)</b>	<b>13.6 (0.56)</b>	<b>12.4 (0.48)</b>	<b>11.1 (0.54)</b>	<b>12.0 (0.39)</b>	<b>8.1 (0.35)</b>	<b>7.8 (0.54)</b>
Alabama .....	31.7 (1.84)	— (†)	31.7 (2.44)	28.4 (1.79)	29.2 (2.32)	24.3 (1.46)	14.6 (1.29)	— (†)	13.1 (1.41)	11.8 (1.30)	10.9 (0.93)	9.3 (0.82)
Alaska .....	— (†)	29.2 (1.77)	27.8 (1.52)	23.7 (1.17)	22.7 (1.64)	20.1 (1.42)	— (†)	10.4 (1.17)	9.8 (1.04)	7.7 (0.90)	— (†)	5.8 (0.66)
Arizona .....	32.4 (1.43)	31.3 (1.54)	35.9 (1.83)	27.7 (1.41)	23.9 (1.48)	22.8 (1.25)	11.7 (0.87)	11.3 (0.72)	12.0 (0.82)	10.8 (0.76)	8.8 (0.94)	7.2 (0.94)
Arkansas .....	32.1 (1.67)	32.8 (1.79)	34.7 (2.08)	29.1 (1.76)	27.0 (1.30)	24.4 (0.81)	13.9 (1.33)	13.0 (1.03)	14.8 (1.30)	11.0 (1.38)	11.4 (0.89)	11.2 (0.72)
California .....	— (†)	— (†)	— (†)	— (†)	— (†)	16.3 (1.55)	— (†)	— (†)	— (†)	— (†)	— (†)	6.6 (0.53)
Colorado .....	32.2 (1.54)	— (†)	32.0 (1.51)	24.9 (1.69)	— (†)	— (†)	12.1 (0.89)	— (†)	10.7 (0.83)	— (†)	— (†)	— (†)
Connecticut .....	32.7 (1.45)	31.4 (1.39)	28.3 (1.26)	25.1 (1.53)	22.4 (1.23)	18.4 (1.00)	10.5 (0.72)	10.5 (0.83)	9.6 (0.79)	8.7 (0.84)	— (†)	— (†)
Delaware .....	30.3 (1.38)	33.0 (1.31)	30.4 (1.22)	28.0 (1.59)	25.1 (1.24)	21.2 (1.24)	9.8 (0.82)	10.5 (0.72)	8.6 (0.72)	8.8 (1.02)	9.3 (0.82)	8.1 (0.77)
District of Columbia .....	36.3 (1.26)	43.0 (1.45)	— (†)	37.9 (1.71)	37.7 (0.63)	32.4 (0.48)	16.4 (0.88)	19.8 (1.21)	— (†)	15.8 (1.55)	15.3 (0.47)	13.8 (0.37)
Florida .....	30.0 (0.94)	32.3 (1.24)	29.8 (0.83)	28.0 (0.72)	27.0 (0.77)	20.9 (0.84)	11.5 (0.77)	12.5 (0.84)	10.5 (0.47)	10.2 (0.44)	8.1 (0.52)	7.6 (0.53)
Georgia .....	33.8 (1.40)	34.0 (1.26)	32.3 (1.76)	33.1 (1.65)	21.4 (1.24)	— (†)	12.1 (1.01)	13.1 (1.07)	11.7 (1.21)	11.9 (1.07)	10.3 (1.37)	— (†)
Hawaii .....	27.0 (1.37)	28.6 (2.20)	29.5 (1.92)	22.3 (1.11)	16.7 (0.87)	15.0 (0.94)	10.0 (1.01)	7.0 (0.78)	10.2 (0.99)	8.2 (0.75)	— (†)	— (†)
Idaho .....	32.3 (1.38)	30.0 (1.39)	29.0 (1.08)	26.4 (1.45)	21.6 (1.18)	23.2 (1.05)	12.1 (1.14)	12.3 (0.98)	10.2 (0.79)	9.4 (0.81)	7.3 (0.75)	6.0 (0.59)
Illinois .....	— (†)	33.9 (1.91)	33.0 (1.38)	29.5 (1.41)	24.6 (1.67)	22.7 (1.51)	— (†)	11.3 (1.11)	11.5 (0.82)	9.8 (0.69)	8.2 (0.66)	7.7 (0.94)
Indiana .....	29.3 (1.51)	29.5 (1.35)	29.1 (1.51)	29.0 (1.34)	— (†)	18.1 (1.63)	11.2 (0.98)	11.5 (0.92)	9.5 (1.18)	8.9 (0.80)	— (†)	5.5 (0.73)
Iowa .....	28.3 (1.61)	24.0 (1.39)	— (†)	24.4 (1.87)	— (†)	— (†)	11.3 (1.12)	9.1 (0.96)	— (†)	9.6 (0.89)	— (†)	— (†)
Kansas .....	27.9 (1.51)	30.3 (1.62)	27.8 (1.37)	22.4 (1.40)	20.4 (1.21)	— (†)	10.1 (0.92)	10.6 (1.04)	9.0 (0.81)	7.8 (0.84)	7.2 (0.72)	— (†)
Kentucky .....	29.6 (1.17)	27.0 (0.98)	28.7 (1.66)	28.7 (1.65)	21.2 (1.20)	19.9 (1.10)	12.7 (0.81)	10.6 (0.65)	9.5 (0.93)	11.4 (0.93)	6.0 (0.94)	7.8 (0.76)
Louisiana .....	— (†)	— (†)	36.1 (1.60)	36.0 (2.72)	30.8 (2.59)	— (†)	— (†)	— (†)	13.7 (1.28)	15.8 (2.17)	12.0 (1.68)	— (†)
Maine .....	28.2 (1.11)	26.5 (1.93)	22.8 (0.55)	19.5 (0.46)	17.0 (0.40)	15.1 (0.62)	10.0 (1.03)	10.1 (1.09)	9.1 (0.33)	7.9 (0.27)	5.7 (0.29)	4.9 (0.31)
Maryland .....	36.6 (1.83)	35.7 (2.62)	32.5 (2.23)	29.1 (1.80)	— (†)	— (†)	14.9 (1.33)	12.4 (1.69)	11.2 (1.30)	11.1 (1.24)	14.3 (0.32)	12.2 (0.30)
Massachusetts .....	28.6 (1.33)	27.5 (1.34)	29.2 (1.24)	25.4 (0.92)	20.3 (0.91)	19.2 (1.32)	10.2 (0.67)	9.1 (0.81)	8.7 (0.68)	7.1 (0.65)	4.6 (0.49)	5.6 (0.60)
Michigan .....	30.1 (2.02)	30.7 (1.89)	31.6 (1.72)	27.4 (1.32)	21.6 (0.88)	20.4 (1.33)	11.4 (1.11)	11.4 (0.89)	11.3 (1.02)	9.1 (0.68)	6.9 (0.55)	7.5 (0.94)
Minnesota .....	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)
Mississippi .....	— (†)	30.6 (1.43)	34.1 (1.73)	29.3 (1.72)	31.0 (1.84)	27.3 (1.78)	— (†)	11.9 (0.96)	12.6 (1.02)	12.3 (1.06)	13.6 (1.40)	8.7 (1.08)
Missouri .....	29.8 (2.12)	30.9 (2.18)	28.7 (1.34)	— (†)	— (†)	— (†)	10.2 (1.31)	10.7 (1.21)	9.0 (0.97)	— (†)	— (†)	— (†)
Montana .....	30.5 (1.19)	32.8 (1.08)	31.7 (2.25)	25.4 (0.73)	22.8 (0.90)	22.4 (0.82)	10.9 (0.67)	12.0 (0.75)	10.8 (1.33)	9.1 (0.51)	7.3 (0.37)	7.6 (0.53)
Nebraska .....	28.5 (1.02)	— (†)	— (†)	26.7 (1.09)	20.1 (1.22)	19.7 (1.08)	9.3 (0.60)	— (†)	— (†)	7.4 (0.68)	5.7 (0.70)	5.5 (0.62)
Nevada .....	34.5 (1.78)	31.6 (1.53)	35.0 (1.45)	— (†)	23.6 (1.93)	20.1 (1.18)	14.2 (1.32)	11.3 (1.10)	10.0 (0.82)	— (†)	6.8 (1.12)	6.8 (0.83)
New Hampshire .....	26.4 (1.84)	27.0 (1.40)	25.9 (1.59)	23.8 (1.27)	— (†)	— (†)	10.7 (1.06)	11.3 (0.70)	9.1 (0.87)	9.9 (0.89)	6.9 (0.81)	6.4 (0.27)
New Jersey .....	30.7 (2.18)	— (†)	27.5 (1.46)	23.9 (1.56)	21.8 (1.34)	— (†)	10.1 (1.31)	— (†)	— (†)	— (†)	— (†)	— (†)
New Mexico .....	36.7 (1.47)	37.1 (1.06)	37.3 (1.07)	31.5 (1.02)	27.2 (1.27)	25.9 (0.86)	15.6 (1.19)	16.9 (0.70)	15.0 (0.85)	11.3 (0.78)	9.7 (0.61)	8.5 (0.51)
New York .....	32.1 (1.07)	31.7 (1.08)	29.6 (1.23)	27.0 (1.25)	22.8 (1.10)	20.2 (0.88)	12.5 (0.74)	12.2 (0.91)	11.4 (0.91)	— (†)	— (†)	— (†)
North Carolina .....	29.9 (1.41)	30.1 (1.54)	28.6 (0.96)	27.6 (1.37)	24.1 (1.49)	20.7 (1.61)	11.6 (0.85)	10.4 (0.84)	9.4 (0.43)	10.6 (1.01)	7.6 (0.94)	6.9 (0.70)
North Dakota .....	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	10.7 (1.13)	9.6 (0.79)	7.4 (0.78)	8.2 (0.73)	8.8 (0.75)	5.4 (0.63)
Ohio <sup>4</sup> .....	30.2 (1.95)	30.4 (1.57)	— (†)	31.2 (1.58)	19.8 (1.49)	— (†)	10.2 (1.17)	9.4 (0.82)	— (†)	8.8 (0.68)	6.2 (0.88)	— (†)
Oklahoma .....	31.1 (1.63)	29.2 (1.37)	30.8 (2.10)	28.5 (1.96)	25.1 (1.79)	21.0 (1.57)	12.1 (1.13)	10.6 (0.81)	12.8 (1.43)	9.4 (1.25)	7.2 (1.05)	7.1 (1.03)
Oregon .....	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)
Pennsylvania .....	— (†)	— (†)	29.6 (1.76)	— (†)	— (†)	21.7 (1.43)	— (†)	— (†)	9.9 (1.01)	— (†)	— (†)	6.8 (0.84)
Rhode Island .....	28.4 (1.34)	26.3 (1.61)	25.1 (0.83)	23.5 (0.81)	18.8 (1.12)	— (†)	11.2 (0.80)	9.6 (0.93)	9.1 (0.73)	7.8 (0.52)	6.4 (0.52)	9.1 (1.00)
South Carolina .....	31.3 (1.68)	29.1 (1.37)	36.4 (2.06)	32.6 (2.04)	26.7 (1.42)	25.8 (1.95)	12.7 (1.18)	10.8 (0.86)	12.1 (1.43)	12.2 (1.48)	9.6 (1.17)	9.1 (1.36)
South Dakota <sup>5</sup> .....	26.5 (2.86)	29.8 (2.00)	27.1 (1.36)	24.5 (2.22)	24.2 (2.04)	21.7 (2.46)	8.4 (1.56)	9.3 (1.32)	8.3 (0.52)	8.2 (0.92)	6.6 (0.52)	6.8 (1.35)
Tennessee .....	30.9 (1.66)	31.8 (1.55)	32.3 (1.31)	30.8 (1.24)	25.7 (1.69)	— (†)	10.9 (1.00)	12.4 (1.13)	11.3 (0.96)	10.5 (0.83)	10.4 (1.02)	10.8 (0.74)
Texas .....	34.2 (1.57)	34.9 (1.17)	33.3 (1.05)	34.1 (0.92)	25.4 (1.33)	— (†)	14.5 (0.94)	13.9 (0.90)	13.2 (0.67)	12.5 (0.65)	9.1 (0.79)	— (†)
Utah .....	25.9 (1.84)	30.1 (2.01)	28.2 (1.61)	23.9 (1.88)	21.3 (1.16)	— (†)	10.4 (1.57)	11.6 (1.36)	10.6 (0.84)	8.1 (1.18)	6.9 (0.65)	— (†)
Vermont <sup>6</sup> .....	24.3 (1.36)	26.0 (1.44)	25.6 (0.71)	23.1 (1.42)	— (†)	18.4 (0.27)	12.2 (0.98)	11.5 (0.88)	11.0 (0.36)	8.8 (0.72)	9.4 (0.50)	7.4 (0.18)
Virginia .....	— (†)	— (†)	— (†)	24.9 (1.71)	23.5 (0.90)	20.6 (1.02)	— (†)	— (†)	— (†)	7.9 (0.93)	— (†)	7.7 (0.63)
Washington .....	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)
West Virginia .....	29.1 (1.88)	29.9 (2.39)	31.7 (1.96)	25.7 (1.66)	25.2 (1.84)	20.5 (1.41)	12.1 (1.41)	12.9 (1.70)	11.3 (1.07)	10.3 (1.02)	9.1 (1.08)	7.3 (1.17)
Wisconsin .....	32.6 (1.51)	31.2 (1.46)	25.8 (1.52)	25.3 (1.72)	22.4 (1.46)	— (†)	12.2 (1.03)	11.4 (0.97)	9.6 (0.87)	9.1 (0.95)	6.8 (0.69)	— (†)
Wyoming .....	30.4 (1.08)	27.9 (1.12)	30.9 (1.17)	26.5 (1.08)	24.3 (1.11)	19.7 (1.23)	12.2 (0.72)	11.6 (0.83)	12.6 (0.73)	11.3 (0.65)	8.9 (0.60)	6.1 (0.59)
Puerto Rico .....	26.0 (1.40)	— (†)	— (†)	24.6 (1.38)	21.1 (1.54)	16.7 (1.08)	13.4 (0.99)	— (†)	— (†)	11.6 (1.08)	9.3 (0.96)	— (†)

—Not available.

†Not applicable.

<sup>1</sup>The term “anywhere” is not used in the Youth Risk Behavior Survey (YRBS) questionnaire; students were simply asked how many times in the past 12 months they had been in a physical fight.

<sup>2</sup>In the question asking students about physical fights at school, “on school property” was not defined for survey respondents.

<sup>3</sup>For the U.S. total, data for all years include both public and private schools and were collected through a national survey representing the entire country. The U.S. total includes only the 50 states and the District of Columbia.

<sup>4</sup>Ohio data for 2005 through 2013 include both public and private schools.

<sup>5</sup>South Dakota data for all years include both public and private schools.

<sup>6</sup>Vermont data for 2013 include both public and private schools.

NOTE: For the U.S. total, data for all years include both public and private schools. State-level data include public schools only, except where otherwise noted. For three states, data for one or more years include both public and private schools: Ohio (2005 through 2013), South Dakota (all years), and Vermont (2013 only). For specific states, a given year’s data may be unavailable (1) because the state did not participate in the survey that year; (2) because the state omitted this particular survey item from the state-level questionnaire; or (3) because the state had an overall response rate of less than 60 percent (the overall response rate is the school response rate multiplied by the student response rate).

SOURCE: Centers for Disease Control and Prevention, Division of Adolescent and School Health, Youth Risk Behavior Surveillance System (YRBSS), 2005 through 2015. (This table was prepared October 2017.)

**Table 231.40. Percentage of students in grades 9–12 who reported carrying a weapon at least 1 day during the previous 30 days, by location and selected student characteristics: Selected years, 1993 through 2015**

[Standard errors appear in parentheses]

Location and student characteristic	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2015
1	2	3	4	5	6	7	8	9	10	11	12	13
<b>Anywhere (including on school property)<sup>1</sup></b>												
<b>Total</b>	<b>22.1 (1.18)</b>	<b>20.0 (0.66)</b>	<b>18.3 (0.91)</b>	<b>17.3 (0.97)</b>	<b>17.4 (0.99)</b>	<b>17.1 (0.90)</b>	<b>18.5 (0.80)</b>	<b>18.0 (0.87)</b>	<b>17.5 (0.73)</b>	<b>16.6 (0.65)</b>	<b>17.9 (0.73)</b>	<b>16.2 (0.91)</b>
Sex												
Male	34.3 (1.68)	31.1 (1.03)	27.7 (1.57)	28.6 (1.71)	29.3 (1.67)	26.9 (1.31)	29.8 (1.35)	28.5 (1.41)	27.1 (1.45)	25.9 (1.07)	28.1 (1.31)	24.3 (1.27)
Female	9.2 (0.85)	8.3 (0.72)	7.0 (0.54)	6.0 (0.56)	6.2 (0.41)	6.7 (0.60)	7.1 (0.43)	7.5 (0.66)	7.1 (0.38)	6.8 (0.41)	7.9 (0.56)	7.5 (0.79)
Race/ethnicity <sup>2</sup>												
White	20.6 (1.43)	18.9 (0.93)	17.0 (1.29)	16.4 (1.36)	17.9 (1.30)	16.7 (0.95)	18.7 (1.13)	18.2 (1.28)	18.6 (1.16)	17.0 (1.05)	20.8 (0.90)	18.1 (1.37)
Black	28.5 (1.24)	21.8 (2.03)	21.7 (1.99)	17.2 (2.68)	15.2 (1.23)	17.3 (1.77)	16.4 (0.81)	17.2 (1.05)	14.4 (1.33)	14.2 (0.85)	12.5 (0.96)	12.4 (1.37)
Hispanic	24.4 (1.35)	24.7 (1.87)	23.3 (1.44)	18.7 (1.35)	16.5 (0.78)	16.5 (1.31)	19.0 (1.10)	18.5 (1.21)	17.2 (0.94)	16.2 (0.82)	15.5 (0.95)	13.7 (1.16)
Asian <sup>3</sup>	— (†)	— (†)	— (†)	13.0 (2.01)	10.6 (2.10)	11.6 (2.67)	7.0 (1.70)	7.8 (1.41)	8.4 (1.28)	9.1 (1.57)	8.7 (1.79)	7.1 (1.33)
Pacific Islander <sup>3</sup>	— (†)	— (†)	— (†)	25.3 (5.02)	17.4 (4.35)	16.3! (6.37)	20.0! (6.52)	25.5 (4.35)	20.3 (3.40)	20.7 (5.00)	12.6! (3.98)	26.3 (7.87)
American Indian/Alaska Native	34.2 (8.08)	32.0 (5.69)	26.2 (3.65)	21.8 (5.68)	31.2 (5.52)	29.3 (4.58)	25.6 (3.79)	20.6 (3.02)	20.7 (3.40)	27.6 (2.41)	17.8 (4.01)	22.4 (4.01)
Two or more races <sup>3</sup>	— (†)	— (†)	— (†)	22.2 (3.34)	25.2 (3.41)	29.8 (5.03)	26.7 (3.11)	19.0 (2.46)	17.9 (1.61)	23.7 (2.58)	18.8 (2.09)	20.8 (2.52)
Grade												
9th	25.5 (1.42)	22.6 (1.24)	22.6 (1.34)	17.6 (1.58)	19.8 (1.44)	18.0 (1.81)	19.9 (1.21)	20.1 (1.41)	18.0 (0.87)	17.3 (1.07)	17.5 (0.99)	16.1 (1.11)
10th	21.4 (1.11)	21.1 (0.94)	17.4 (1.33)	18.7 (1.31)	16.7 (1.11)	15.9 (1.14)	19.4 (1.19)	18.8 (1.21)	18.4 (1.51)	16.6 (0.89)	17.8 (1.09)	16.3 (1.49)
11th	21.5 (1.66)	20.3 (1.40)	18.2 (1.69)	16.1 (1.31)	16.8 (1.26)	18.2 (1.21)	17.1 (1.13)	16.7 (1.08)	16.2 (0.93)	16.2 (0.84)	17.9 (1.43)	16.0 (1.19)
12th	19.9 (1.46)	16.1 (0.93)	15.4 (1.65)	15.9 (1.44)	15.1 (1.28)	15.5 (1.06)	16.9 (0.95)	15.5 (1.28)	16.6 (0.85)	15.8 (0.90)	18.3 (1.17)	15.8 (1.26)
Urbanicity <sup>4</sup>												
Urban	— (†)	— (†)	18.7 (1.34)	15.8 (0.85)	15.3 (0.99)	17.0 (1.32)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)
Suburban	— (†)	— (†)	16.8 (1.02)	17.0 (1.34)	17.4 (1.39)	16.5 (1.36)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)
Rural	— (†)	— (†)	22.3 (2.12)	22.3 (2.19)	23.0 (1.86)	18.9 (1.91)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)
<b>On school property<sup>5</sup></b>												
<b>Total</b>	<b>11.8 (0.73)</b>	<b>9.8 (0.45)</b>	<b>8.5 (0.79)</b>	<b>6.9 (0.60)</b>	<b>6.4 (0.52)</b>	<b>6.1 (0.57)</b>	<b>6.5 (0.46)</b>	<b>5.9 (0.37)</b>	<b>5.6 (0.32)</b>	<b>5.4 (0.35)</b>	<b>5.2 (0.44)</b>	<b>4.1 (0.29)</b>
Sex												
Male	17.9 (0.96)	14.3 (0.76)	12.5 (1.50)	11.0 (1.07)	10.2 (0.88)	8.9 (0.74)	10.2 (0.83)	9.0 (0.65)	8.0 (0.52)	8.2 (0.59)	7.6 (0.70)	5.9 (0.45)
Female	5.1 (0.65)	4.9 (0.53)	3.7 (0.37)	2.8 (0.38)	2.9 (0.27)	3.1 (0.50)	2.6 (0.30)	2.7 (0.33)	2.9 (0.24)	2.3 (0.19)	3.0 (0.40)	2.0 (0.28)
Race/ethnicity <sup>2</sup>												
White	10.9 (0.86)	9.0 (0.65)	7.8 (1.16)	6.4 (0.87)	6.1 (0.62)	5.5 (0.57)	6.1 (0.66)	5.3 (0.55)	5.6 (0.44)	5.1 (0.40)	5.7 (0.65)	3.7 (0.42)
Black	15.0 (0.85)	10.3 (1.13)	9.2 (0.98)	5.0 (0.50)	6.3 (0.92)	6.9 (0.96)	5.1 (0.66)	6.0 (0.46)	5.3 (0.74)	4.6 (0.67)	3.9 (0.42)	3.4 (0.69)
Hispanic	13.3 (1.09)	14.1 (1.63)	10.4 (0.99)	7.9 (0.73)	6.4 (0.53)	6.0 (0.56)	8.2 (0.91)	7.3 (0.82)	5.8 (0.58)	5.8 (0.70)	4.7 (0.61)	4.5 (0.57)
Asian <sup>3</sup>	— (†)	— (†)	— (†)	6.5 (1.44)	7.2 (2.05)	6.6! (2.44)	2.8! (1.24)	4.1 (1.01)	3.6 (0.84)	4.3! (1.66)	3.8 (1.13)	2.3! (0.78)
Pacific Islander <sup>3</sup>	— (†)	— (†)	— (†)	9.3 (2.66)	10.0! (3.05)	4.9! (2.05)	15.4! (6.10)	9.5! (3.40)	9.8 (2.33)	10.9! (3.73)	4.0! (1.95)	15.0! (6.42)
American Indian/Alaska Native	17.6! (5.70)	13.0! (4.35)	15.9 (3.68)	11.6! (5.13)	16.4 (4.02)	12.9 (3.40)	7.2 (1.60)	7.7 (2.08)	4.2! (1.50)	7.5 (1.62)	7.0! (3.22)	10.5 (2.48)
Two or more races <sup>3</sup>	— (†)	— (†)	— (†)	11.4 (2.76)	13.2 (3.61)	13.3! (4.10)	11.9 (2.99)	5.0 (1.11)	5.8 (1.35)	7.5 (1.87)	6.3 (1.58)	5.7 (1.54)
Grade												
9th	12.6 (0.73)	10.7 (0.76)	10.2 (0.90)	7.2 (1.07)	6.7 (0.66)	5.3 (1.13)	6.4 (0.75)	6.0 (0.59)	4.9 (0.46)	4.8 (0.50)	4.8 (0.69)	3.4 (0.31)
10th	11.5 (0.97)	10.4 (0.78)	7.7 (0.99)	6.6 (0.83)	6.7 (0.60)	6.0 (0.53)	6.9 (0.70)	5.8 (0.61)	6.1 (0.57)	6.1 (0.72)	4.8 (0.58)	4.1 (0.54)
11th	11.9 (1.41)	10.2 (0.94)	9.4 (1.33)	7.0 (0.60)	6.1 (0.74)	6.6 (0.80)	5.9 (0.71)	5.5 (0.68)	5.2 (0.44)	4.7 (0.44)	5.9 (1.19)	4.8 (0.50)
12th	10.8 (0.83)	7.6 (0.68)	7.0 (0.91)	6.2 (0.78)	6.1 (0.71)	6.4 (0.64)	6.7 (0.64)	6.0 (0.58)	6.0 (0.57)	5.6 (0.51)	5.3 (0.88)	3.6 (0.56)
Urbanicity <sup>4</sup>												
Urban	— (†)	— (†)	7.0 (0.67)	7.2 (1.09)	6.0 (0.67)	5.6 (0.81)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)
Suburban	— (†)	— (†)	8.7 (0.68)	6.2 (0.74)	6.3 (0.68)	6.4 (1.01)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)
Rural	— (†)	— (†)	11.2 (2.19)	9.6 (1.61)	8.3 (1.48)	6.3 (0.67)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)

—Not available.

†Not applicable.

!Interpret data with caution. The coefficient of variation (CV) for this estimate is between 30 and 50 percent.

<sup>1</sup>The term “anywhere” is not used in the Youth Risk Behavior Survey (YRBS) questionnaire; students were simply asked how many days they carried a weapon during the past 30 days.

<sup>2</sup>Race categories exclude persons of Hispanic ethnicity.

<sup>3</sup>Before 1999, Asian students and Pacific Islander students were not categorized separately, and students could not be classified as Two or more races. Because the response categories changed in 1999, caution should be used in comparing data on race from 1993, 1995, and 1997 with data from later years.

<sup>4</sup>Refers to the Standard Metropolitan Statistical Area (MSA) status of the respondent’s household as defined by the U.S. Census Bureau. Categories include “central city of an MSA (Urban),” “in MSA but not in central city (Suburban),” and “not MSA (Rural).”

<sup>5</sup>In the question asking students about carrying a weapon at school, “on school property” was not defined for survey respondents.

NOTE: Respondents were asked about carrying “a weapon such as a gun, knife, or club.”

SOURCE: Centers for Disease Control and Prevention, Division of Adolescent and School Health, Youth Risk Behavior Surveillance System (YRBSS), 1993 through 2015. (This table was prepared July 2016.)

**Table 231.50. Percentage distribution of students in grades 9–12, by number of days they reported carrying a weapon anywhere or on school property during the previous 30 days and selected student characteristics: 2015**

[Standard errors appear in parentheses]

Student characteristic	Anywhere (including on school property) <sup>1</sup>				On school property <sup>2</sup>			
	0 days	1 day	2 to 5 days	6 or more days	0 days	1 day	2 to 5 days	6 or more days
1	2	3	4	5	6	7	8	9
<b>Total</b> .....	<b>83.8 (0.91)</b>	<b>3.2 (0.31)</b>	<b>5.3 (0.45)</b>	<b>7.6 (0.53)</b>	<b>95.9 (0.29)</b>	<b>1.0 (0.13)</b>	<b>1.2 (0.10)</b>	<b>1.8 (0.20)</b>
<b>Sex</b>								
Male .....	75.7 (1.27)	4.4 (0.37)	7.8 (0.68)	12.2 (1.09)	94.1 (0.45)	1.5 (0.18)	1.7 (0.20)	2.6 (0.31)
Female .....	92.5 (0.79)	2.1 (0.34)	2.6 (0.38)	2.8 (0.34)	98.0 (0.28)	0.5 (0.10)	0.6 (0.14)	1.0 (0.15)
<b>Race/ethnicity<sup>3</sup></b>								
White .....	81.9 (1.37)	3.2 (0.40)	6.0 (0.63)	8.9 (0.75)	96.3 (0.42)	0.7 (0.13)	1.3 (0.22)	1.7 (0.25)
Black .....	87.6 (1.37)	2.6 (0.68)	5.1 (0.80)	4.6 (0.88)	96.6 (0.69)	1.1! (0.36)	1.0! (0.35)	1.4 (0.36)
Hispanic .....	86.3 (1.16)	3.4 (0.47)	4.1 (0.50)	6.2 (0.69)	95.5 (0.57)	1.7 (0.38)	1.0 (0.16)	1.9 (0.31)
Asian .....	92.9 (1.33)	‡ (†)	0.7! (0.35)	3.5 (0.85)	97.7 (0.78)	‡ (†)	‡ (†)	1.8! (0.76)
Pacific Islander .....	73.7 (7.87)	‡ (†)	‡ (†)	20.4! (7.20)	85.0 (6.42)	‡ (†)	‡ (†)	‡ (†)
American Indian/Alaska Native .....	77.6 (4.01)	6.7! (2.35)	4.1! (1.29)	11.6! (4.15)	89.5 (2.48)	5.1! (2.37)	1.6! (0.77)	3.8! (1.83)
Two or more races .....	79.2 (2.52)	3.9 (0.86)	7.7 (1.75)	9.1 (1.68)	94.3 (1.54)	0.7! (0.26)	‡ (†)	3.0 (0.82)
<b>Grade</b>								
9th .....	83.9 (1.11)	4.5 (0.62)	5.4 (0.74)	6.3 (0.65)	96.6 (0.31)	1.1 (0.23)	1.0 (0.27)	1.3 (0.22)
10th .....	83.7 (1.49)	3.1 (0.52)	5.5 (0.60)	7.6 (0.91)	95.9 (0.54)	1.1 (0.27)	1.2 (0.28)	1.8 (0.33)
11th .....	84.0 (1.19)	3.0 (0.45)	5.0 (0.70)	8.1 (0.66)	95.2 (0.50)	1.1 (0.25)	1.6 (0.35)	2.2 (0.31)
12th .....	84.2 (1.26)	2.2 (0.35)	5.0 (0.67)	8.6 (0.87)	96.4 (0.56)	0.6 (0.13)	1.1 (0.26)	1.9 (0.35)

†Not applicable.

!Interpret data with caution. The coefficient of variation (CV) for this estimate is between 30 and 50 percent.

‡Reporting standards not met. Either there are too few cases for a reliable estimate or the coefficient of variation (CV) is 50 percent or greater.

<sup>1</sup>The term “anywhere” is not used in the Youth Risk Behavior Survey (YRBS) questionnaire; students were simply asked how many days they carried a weapon during the past 30 days.

<sup>2</sup>In the question asking students about carrying a weapon at school, “on school property” was not defined for survey respondents.

<sup>3</sup>Race categories exclude persons of Hispanic ethnicity.

NOTE: Respondents were asked about carrying “a weapon such as a gun, knife, or club.” Detail may not sum to totals because of rounding.

SOURCE: Centers for Disease Control and Prevention, Division of Adolescent and School Health, Youth Risk Behavior Surveillance System (YRBSS), 2015. (This table was prepared July 2016.)

**Table 231.60. Percentage of public school students in grades 9–12 who reported carrying a weapon at least 1 day during the previous 30 days, by location and state or jurisdiction: Selected years, 2005 through 2015**

[Standard errors appear in parentheses]

State or jurisdiction	Anywhere (including on school property) <sup>1</sup>						On school property <sup>2</sup>					
	2005	2007	2009	2011	2013	2015	2005	2007	2009	2011	2013	2015
1	2	3	4	5	6	7	8	9	10	11	12	13
<b>United States<sup>3</sup></b> .....	<b>18.5 (0.80)</b>	<b>18.0 (0.87)</b>	<b>17.5 (0.73)</b>	<b>16.6 (0.65)</b>	<b>17.9 (0.73)</b>	<b>16.2 (0.91)</b>	<b>6.5 (0.46)</b>	<b>5.9 (0.37)</b>	<b>5.6 (0.32)</b>	<b>5.4 (0.35)</b>	<b>5.2 (0.44)</b>	<b>4.1 (0.29)</b>
Alabama .....	21.0 (1.72)	— (†)	22.9 (2.27)	21.5 (1.54)	23.1 (1.55)	22.5 (1.91)	8.4 (1.44)	— (†)	8.7 (1.42)	8.2 (1.02)	5.5 (0.56)	5.6 (1.15)
Alaska .....	— (†)	24.4 (1.61)	20.0 (1.30)	19.0 (1.19)	19.2 (1.31)	— (†)	— (†)	8.4 (1.07)	7.8 (0.83)	5.7 (0.72)	6.1 (0.80)	8.2 (0.87)
Arizona .....	20.6 (0.84)	20.5 (0.91)	19.9 (1.25)	17.5 (1.17)	17.5 (1.17)	18.0 (1.28)	7.4 (0.53)	7.0 (0.75)	6.5 (0.64)	5.7 (0.59)	4.8 (0.86)	4.5 (0.93)
Arkansas .....	25.9 (1.15)	20.7 (1.36)	22.9 (1.82)	21.1 (1.76)	27.1 (1.76)	21.0 (1.40)	10.5 (1.10)	6.8 (0.85)	8.4 (1.02)	6.5 (0.95)	9.1 (1.10)	5.4 (0.90)
California .....	— (†)	— (†)	— (†)	— (†)	— (†)	8.9 (1.25)	— (†)	— (†)	— (†)	— (†)	— (†)	2.8 (0.50)
Colorado .....	17.0 (1.57)	— (†)	16.7 (1.27)	15.5 (1.31)	— (†)	— (†)	5.4 (0.81)	— (†)	5.5 (0.90)	5.5 (0.69)	— (†)	— (†)
Connecticut .....	16.3 (1.30)	17.2 (1.72)	12.4 (0.89)	— (†)	— (†)	— (†)	6.4 (0.83)	5.5 (1.03)	3.9 (0.45)	6.6 (0.67)	6.6 (0.82)	6.2 (0.59)
Delaware .....	16.6 (1.04)	17.1 (1.00)	18.5 (0.92)	13.5 (0.88)	14.4 (0.80)	13.0 (0.91)	5.7 (0.54)	5.4 (0.55)	5.1 (0.59)	5.2 (0.57)	3.1 (0.34)	4.0 (0.54)
District of Columbia .....	17.2 (1.11)	21.3 (1.45)	— (†)	18.9 (1.34)	20.0 (0.47)	18.1 (0.40)	6.7 (0.60)	7.4 (0.76)	— (†)	5.5 (0.88)	— (†)	— (†)
Florida .....	15.2 (0.68)	18.0 (0.93)	17.3 (0.60)	15.6 (0.76)	15.7 (0.67)	15.4 (0.92)	4.7 (0.41)	5.6 (0.41)	4.7 (0.35)	— (†)	— (†)	— (†)
Georgia .....	22.1 (1.99)	19.5 (0.96)	18.8 (1.11)	22.8 (2.25)	18.5 (1.51)	— (†)	7.5 (1.50)	5.3 (0.48)	6.0 (0.90)	8.6 (1.80)	4.2 (0.66)	— (†)
Hawaii .....	13.3 (1.03)	14.8 (1.56)	15.9 (2.06)	13.9 (0.81)	10.5 (0.87)	10.7 (0.58)	4.9 (0.72)	3.7 (0.92)	4.7 (0.63)	4.2 (0.45)	— (†)	— (†)
Idaho .....	23.9 (1.45)	23.6 (1.35)	21.8 (1.15)	22.8 (1.30)	27.1 (1.31)	28.2 (1.52)	— (†)	8.9 (0.96)	6.7 (0.59)	6.3 (0.78)	6.5 (0.92)	6.8 (1.02)
Illinois .....	— (†)	14.3 (1.01)	16.0 (1.04)	12.6 (0.91)	15.8 (1.22)	15.4 (1.41)	— (†)	3.7 (0.67)	4.8 (0.59)	3.9 (0.53)	4.7 (0.57)	4.3 (0.51)
Indiana .....	19.2 (1.25)	20.9 (0.80)	18.1 (1.58)	17.0 (1.46)	— (†)	19.6 (1.84)	5.8 (0.71)	6.9 (0.64)	5.7 (0.80)	3.7 (0.46)	— (†)	5.6 (1.13)
Iowa .....	15.7 (1.49)	12.8 (1.13)	— (†)	15.8 (1.26)	— (†)	— (†)	4.3 (0.70)	4.4 (0.61)	— (†)	4.5 (0.76)	— (†)	— (†)
Kansas .....	16.2 (1.37)	18.4 (1.19)	16.0 (1.26)	— (†)	16.1 (0.87)	— (†)	4.9 (0.85)	5.7 (0.75)	5.1 (0.65)	5.2 (0.72)	— (†)	— (†)
Kentucky .....	23.1 (1.49)	24.4 (1.08)	21.7 (1.72)	22.8 (1.72)	20.7 (1.35)	23.1 (1.62)	6.8 (0.72)	8.0 (0.59)	6.5 (0.77)	7.4 (1.25)	6.4 (0.73)	6.5 (1.03)
Louisiana .....	— (†)	— (†)	19.6 (1.73)	22.2 (0.98)	22.8 (2.78)	— (†)	— (†)	— (†)	5.8 (1.12)	4.2 (1.01)	7.0 (1.37)	— (†)
Maine .....	18.3 (2.00)	15.0 (1.47)	— (†)	— (†)	— (†)	— (†)	5.9 (1.03)	4.9 (0.70)	— (†)	8.0 (0.45)	7.1 (0.46)	5.8 (0.37)
Maryland .....	19.1 (1.59)	19.3 (1.51)	16.6 (1.19)	15.9 (1.10)	15.8 (0.27)	14.9 (0.24)	6.9 (0.88)	5.9 (0.81)	4.6 (0.58)	5.3 (0.55)	4.8 (0.13)	4.3 (0.14)
Massachusetts .....	15.2 (0.88)	14.9 (0.88)	12.8 (1.00)	12.3 (0.95)	11.6 (0.83)	12.6 (1.20)	5.8 (0.59)	5.0 (0.48)	4.4 (0.58)	3.7 (0.57)	3.1 (0.50)	3.2 (0.38)
Michigan .....	15.8 (1.49)	17.9 (1.30)	16.6 (0.69)	15.7 (0.94)	15.5 (1.06)	16.6 (1.50)	4.7 (0.54)	5.0 (0.66)	5.4 (0.33)	3.5 (0.37)	3.8 (0.35)	3.6 (0.60)
Minnesota .....	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)
Mississippi .....	— (†)	17.3 (1.33)	17.2 (1.02)	18.0 (1.39)	19.1 (1.56)	21.0 (1.50)	— (†)	4.8 (0.60)	4.5 (0.48)	4.2 (0.76)	4.1 (0.66)	5.2 (0.51)
Missouri .....	19.4 (1.79)	18.6 (1.48)	16.0 (1.44)	— (†)	22.2 (1.93)	22.1 (1.72)	7.3 (0.99)	4.6 (0.83)	5.3 (1.02)	— (†)	— (†)	5.9 (0.68)
Montana .....	21.4 (1.20)	22.1 (0.76)	23.0 (1.07)	23.5 (0.96)	25.7 (0.84)	26.4 (0.94)	10.2 (0.89)	9.7 (0.57)	7.9 (0.67)	9.3 (0.69)	9.9 (0.58)	10.6 (0.80)
Nebraska .....	17.9 (0.89)	— (†)	— (†)	18.6 (0.90)	— (†)	— (†)	4.8 (0.48)	— (†)	— (†)	3.8 (0.45)	— (†)	8.1 (0.95)
Nevada .....	18.4 (1.32)	14.5 (1.08)	19.1 (1.08)	— (†)	16.0 (1.50)	18.3 (1.53)	6.8 (0.91)	4.7 (0.61)	6.2 (0.62)	— (†)	3.3 (0.64)	3.7 (0.59)
New Hampshire .....	16.2 (1.26)	18.1 (1.46)	— (†)	14.5 (1.04)	— (†)	— (†)	6.5 (0.93)	5.8 (0.61)	8.8 (1.00)	— (†)	— (†)	— (†)
New Jersey .....	10.5 (0.95)	— (†)	9.6 (0.81)	9.6 (1.17)	10.2 (1.08)	— (†)	3.1 (0.53)	— (†)	3.1 (0.45)	— (†)	2.7 (0.34)	— (†)
New Mexico .....	24.5 (1.44)	27.5 (1.20)	27.4 (0.90)	22.8 (0.93)	22.2 (0.88)	22.5 (0.82)	8.0 (0.29)	9.3 (0.66)	8.1 (0.59)	6.5 (0.51)	5.4 (0.42)	4.6 (0.33)
New York .....	14.3 (0.74)	14.2 (0.76)	13.9 (0.98)	12.6 (0.76)	12.8 (0.82)	13.0 (0.96)	5.2 (0.42)	4.7 (0.41)	4.8 (0.64)	4.2 (0.32)	4.0 (0.38)	4.5 (0.51)
North Carolina .....	21.5 (1.35)	21.2 (1.19)	19.6 (0.95)	20.8 (1.24)	20.6 (1.34)	19.3 (1.33)	6.4 (0.77)	6.8 (0.94)	4.7 (0.57)	6.1 (0.64)	4.5 (0.67)	3.9 (0.54)
North Dakota .....	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	5.0 (0.57)	5.4 (0.64)	5.7 (0.73)	6.4 (0.75)	6.4 (0.75)	5.2 (0.49)
Ohio <sup>4</sup> .....	15.2 (1.27)	16.6 (1.42)	— (†)	16.4 (1.37)	14.2 (1.61)	— (†)	4.4 (0.63)	4.1 (0.51)	— (†)	— (†)	— (†)	— (†)
Oklahoma .....	18.9 (1.38)	22.3 (1.65)	19.0 (1.44)	19.4 (1.86)	19.9 (1.41)	19.5 (1.66)	7.0 (0.77)	9.0 (1.43)	5.6 (0.79)	6.1 (1.14)	6.0 (0.77)	4.8 (0.80)
Oregon .....	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)
Pennsylvania .....	— (†)	— (†)	14.8 (1.28)	— (†)	— (†)	17.4 (1.27)	— (†)	— (†)	3.3 (0.47)	— (†)	— (†)	2.0 (0.44)
Rhode Island .....	12.4 (0.90)	12.0 (0.74)	10.4 (0.50)	11.2 (0.82)	— (†)	— (†)	4.9 (0.41)	4.9 (0.63)	4.0 (0.33)	4.0 (0.39)	5.0 (0.78)	4.8 (0.80)
South Carolina .....	20.5 (1.42)	19.8 (1.69)	20.4 (2.22)	23.4 (1.86)	21.2 (1.25)	20.5 (1.88)	6.7 (0.82)	4.8 (0.79)	4.6 (0.67)	6.3 (0.89)	3.7 (0.48)	2.9 (0.46)
South Dakota <sup>5</sup> .....	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	8.3 (0.72)	6.3 (0.80)	9.2 (0.76)	5.7 (0.52)	6.8 (0.87)	7.1 (1.29)
Tennessee .....	24.1 (1.58)	22.6 (1.41)	20.5 (1.64)	21.1 (1.34)	19.2 (1.70)	— (†)	8.1 (0.92)	5.6 (0.70)	5.1 (0.70)	5.2 (0.80)	5.4 (0.79)	— (†)
Texas .....	19.3 (0.93)	18.8 (0.71)	18.2 (0.89)	17.6 (0.73)	18.4 (1.33)	— (†)	7.9 (0.63)	6.8 (0.55)	6.4 (0.76)	4.9 (0.45)	5.6 (0.68)	— (†)
Utah .....	17.7 (1.70)	17.1 (1.38)	16.0 (1.40)	16.8 (1.48)	17.2 (1.19)	— (†)	7.0 (1.03)	7.5 (1.00)	4.6 (0.63)	5.9 (1.01)	5.0 (0.57)	— (†)
Vermont <sup>6</sup> .....	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	9.1 (0.90)	9.6 (1.05)	9.0 (0.61)	9.1 (0.73)	10.4 (1.28)	7.7 (0.19)
Virginia .....	— (†)	— (†)	— (†)	20.4 (1.26)	15.8 (0.69)	15.0 (0.75)	— (†)	— (†)	— (†)	5.7 (0.64)	— (†)	2.6 (0.44)
Washington .....	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)
West Virginia .....	22.3 (1.32)	21.3 (1.52)	24.4 (1.05)	20.7 (1.64)	24.3 (2.16)	26.1 (1.57)	8.5 (1.00)	6.9 (0.89)	6.5 (0.72)	5.5 (0.75)	5.5 (0.99)	6.5 (0.87)
Wisconsin .....	15.8 (1.19)	12.7 (0.76)	10.9 (0.81)	10.4 (0.66)	14.4 (1.32)	— (†)	3.9 (0.54)	3.6 (0.49)	3.4 (0.50)	3.1 (0.41)	3.2 (0.52)	— (†)
Wyoming .....	28.0 (1.17)	26.8 (1.28)	26.0 (1.04)	27.1 (1.19)	28.8 (0.95)	29.6 (1.33)	10.0 (0.71)	11.4 (0.76)	11.5 (0.81)	10.5 (0.71)	9.9 (0.62)	10.7 (0.82)
Puerto Rico .....	8.9 (0.80)	— (†)	— (†)	10.0 (1.19)	8.9 (0.62)	7.1 (0.90)	3.7 (0.49)	— (†)	— (†)	4.4 (0.58)	2.8 (0.44)	2.8 (0.42)

—Not available.  
†Not applicable.

<sup>1</sup>The term “anywhere” is not used in the Youth Risk Behavior Survey (YRBS) questionnaire; students were simply asked how many days they carried a weapon during the past 30 days.

<sup>2</sup>In the question asking students about carrying a weapon at school, “on school property” was not defined for survey respondents.

<sup>3</sup>For the U.S. total, data for all years include both public and private schools and were collected through a national survey representing the entire country. The U.S. total includes only the 50 states and the District of Columbia.

<sup>4</sup>Ohio data for 2005 through 2013 include both public and private schools.

<sup>5</sup>South Dakota data for all years include both public and private schools.

<sup>6</sup>Vermont data for 2013 include both public and private schools.

NOTE: Respondents were asked about carrying “a weapon such as a gun, knife, or club.” For the U.S. total, data for all years include both public and private schools. State-level data include public schools only, except where otherwise noted. For three states, data for one or more years include both public and private schools: Ohio (2005 through 2013), South Dakota (all years), and Vermont (2013 only). For specific states, a given year’s data may be unavailable (1) because the state did not participate in the survey that year; (2) because the state omitted this particular survey item from the state-level questionnaire; or (3) because the state had an overall response rate of less than 60 percent (the overall response rate is the school response rate multiplied by the student response rate).

SOURCE: Centers for Disease Control and Prevention, Division of Adolescent and School Health, Youth Risk Behavior Surveillance System (YRBSS), 2005 through 2015. (This table was prepared October 2017.)

**Table 231.65. Number of incidents of students bringing firearms to or possessing firearms at a public school and rate of incidents per 100,000 students, by state: 2009–10 through 2015–16**

State	Number of firearm incidents							Rate of firearm incidents per 100,000 students						
	2009–10	2010–11	2011–12	2012–13	2013–14	2014–15	2015–16	2009–10	2010–11	2011–12	2012–13	2013–14	2014–15	2015–16
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
<b>United States</b> .....	<b>1,749</b>	<b>1,685</b>	<b>1,333</b>	<b>1,556</b>	<b>1,501</b>	<b>1,463</b>	<b>1,576</b>	<b>3.5</b>	<b>3.4</b>	<b>2.7</b>	<b>3.1</b>	<b>3.0</b>	<b>2.9</b>	<b>3.1</b>
Alabama .....	23	15	5	46	29	34	46	3.1	2.0	0.7	6.2	3.9	4.6	6.2
Alaska .....	7	3	5	5	4	2	5	5.3	2.3	3.8	3.8	3.1	1.5	3.8
Arizona .....	18	7	22	18	17	25	16	1.7	0.7	2.0	1.7	1.5	2.2	1.4
Arkansas .....	32	45	50	65	51	69	57	6.7	9.3	10.3	13.4	10.4	14.1	11.6
California .....	267	220	79	129	92	113	118	4.3	3.5	1.3	2.0	1.5	1.8	1.9
Colorado .....	23	19	17	23	21	20	16	2.8	2.3	2.0	2.7	2.4	2.2	1.8
Connecticut .....	29	12	21	19	7	15	15	5.1	2.1	3.8	3.4	1.3	2.8	2.8
Delaware .....	7	2	1	2	5	2	6	5.5	1.5	0.8	1.6	3.8	1.5	4.4
District of Columbia .....	2	2	2	0	2	7	7	2.9	2.8	2.7	0.0	2.6	8.6	8.3
Florida .....	66	63	51	62	71	82	76	2.5	2.4	1.9	2.3	2.6	3.0	2.7
Georgia .....	132	154	104	118	83	79	107	7.9	9.2	6.2	6.9	4.8	4.5	6.1
Hawaii .....	1	2	1	0	0	0	0	0.6	1.1	0.5	0.0	0.0	0.0	0.0
Idaho .....	12	—	10	5	4	2	6	4.3	—	3.6	1.8	1.3	0.7	2.1
Illinois .....	21	5	5	9	4	7	68	1.0	0.2	0.2	0.4	0.2	0.3	3.3
Indiana .....	42	28	26	27	25	26	51	4.0	2.7	2.5	2.6	2.4	2.5	4.9
Iowa .....	5	2	2	3	3	3	1	1.0	0.4	0.4	0.6	0.6	0.6	0.2
Kansas .....	32	20	9	28	19	16	16	6.7	4.1	1.9	5.7	3.8	3.2	3.2
Kentucky .....	12	15	23	20	43	32	35	1.8	2.2	3.4	2.9	6.3	4.6	5.1
Louisiana .....	50	49	43	66	80	53	82	7.2	7.0	6.1	9.3	11.2	7.4	11.4
Maine .....	2	2	4	2	0	1	0	1.1	1.1	2.1	1.1	0.0	0.5	0.0
Maryland .....	8	8	10	11	7	6	8	0.9	0.9	1.2	1.3	0.8	0.7	0.9
Massachusetts .....	11	12	7	10	19	11	12	1.1	1.3	0.7	1.0	2.0	1.2	1.2
Michigan .....	37	80	60	70	41	24	34	2.2	5.0	3.8	4.5	2.6	1.6	2.2
Minnesota .....	21	23	10	19	22	24	26	2.5	2.7	1.2	2.2	2.6	2.8	3.0
Mississippi .....	42	32	32	38	49	18	24	8.5	6.5	6.5	7.7	9.9	3.7	4.9
Missouri .....	104	120	81	110	88	95	112	11.3	13.1	8.8	12.0	9.6	10.4	12.2
Montana .....	14	11	9	8	8	11	7	9.9	7.8	6.3	5.6	5.6	7.6	4.8
Nebraska .....	8	13	10	16	14	15	9	2.7	4.4	3.3	5.3	4.6	4.8	2.8
Nevada .....	18	14	14	8	29	6	6	4.2	3.2	3.2	1.8	6.4	1.3	1.3
New Hampshire .....	2	5	6	4	9	10	1	1.0	2.6	3.1	2.1	4.8	5.4	0.5
New Jersey .....	5	5	6	5	5	3	2	0.4	0.4	0.4	0.4	0.4	0.2	0.1
New Mexico .....	18	25	18	13	15	9	16	5.4	7.4	5.3	3.8	4.4	2.6	4.8
New York .....	17 <sup>1</sup>	18 <sup>1</sup>	46	28	45	47	42	0.6 <sup>1</sup>	0.7 <sup>1</sup>	1.7	1.0	1.6	1.7	1.5
North Carolina .....	23	9	9	11	19	23	38	1.6	0.6	0.6	0.7	1.2	1.5	2.5
North Dakota .....	2	11	2	5	6	4	1	2.1	11.4	2.0	4.9	5.8	3.8	0.9
Ohio .....	103	91	76	71	102	89	83	5.8	5.2	4.4	4.1	5.9	5.2	4.8
Oklahoma .....	37	22	27	39	21	26	35	5.7	3.3	4.1	5.8	3.1	3.8	5.1
Oregon .....	14	17	19	16	15	17	9	2.4	3.0	3.3	2.7	2.5	2.8	1.5
Pennsylvania .....	27	24	23	34	23	49	24	1.5	1.3	1.3	1.9	1.3	2.8	1.4
Rhode Island .....	3	7	1	0	2	0	4	2.1	4.9	0.7	0.0	1.4	0.0	2.8
South Carolina .....	32	8	26	49	51	51	51	4.4	1.1	3.6	6.7	6.8	6.7	6.7
South Dakota .....	8	2	10	9	4	1	10	6.5	1.6	7.8	6.9	3.1	0.8	7.4
Tennessee .....	79	43	82	64	57	64	75	8.1	4.4	8.2	6.4	5.7	6.4	7.5
Texas .....	103	93	85	100	103	90	98	2.1	1.9	1.7	2.0	2.0	1.7	1.8
Utah .....	5	76	99 <sup>2</sup>	49	45	55	16	0.9	13.0	16.5 <sup>2</sup>	8.0	7.2	8.7	2.5
Vermont .....	1	3	1	2	9	2	5	1.1	3.1	1.1	2.2	10.1	2.3	5.7
Virginia .....	34	30	32	31	22	34	25	2.7	2.4	2.5	2.4	1.7	2.7	1.9
Washington .....	162	173	26	33	46	34	13	15.6	16.6	2.5	3.1	4.3	3.2	1.2
West Virginia .....	4	3	14	1	16	16	24	1.4	1.1	4.9	0.4	5.7	5.7	8.7
Wisconsin .....	19	33	8	37	40	32	29	2.2	3.8	0.9	4.2	4.6	3.7	3.3
Wyoming .....	5	9	4	18	9	9	9	5.7	10.1	4.4	19.7	9.7	9.6	9.5

—Not available.

<sup>1</sup>Data for New York City Public Schools were not reported.

<sup>2</sup>The state reported a total state-level firearm incident count that was less than the sum of its reported district-level counts. The sum of the district-level firearm incident counts is displayed instead of the reported state-level count.

NOTE: Separate counts were collected for incidents involving handguns, rifles/shotguns, other firearms, and multiple types of firearms. The counts reported here exclude the "other firearms" category.

SOURCE: U.S. Department of Education, National Center for Education Statistics, EDData file 094, Data Group 601, extracted August 8, 2017, from the EDData Data Warehouse (internal U.S. Department of Education source); and Common Core of Data (CCD), "State Nonfiscal Survey of Public Elementary and Secondary Education," 2009–10 through 2015–16. (This table was prepared September 2017.)

**Table 231.70. Percentage of students ages 12–18 who reported having access to a loaded gun, without adult permission, at school or away from school during the school year, by selected student and school characteristics: Selected years, 2007 through 2015**  
[Standard errors appear in parentheses]

Student or school characteristic	2007		2009		2011		2013		2015	
1	2		3		4		5		6	
<b>Total</b> .....	<b>6.7</b>	<b>(0.40)</b>	<b>5.5</b>	<b>(0.47)</b>	<b>4.7</b>	<b>(0.43)</b>	<b>3.7</b>	<b>(0.38)</b>	<b>4.2</b>	<b>(0.48)</b>
<b>Sex</b>										
Male .....	8.4	(0.56)	7.6	(0.72)	5.6	(0.59)	3.9	(0.56)	5.3	(0.63)
Female .....	5.0	(0.47)	3.4	(0.44)	3.6	(0.44)	3.4	(0.35)	3.1	(0.50)
<b>Race/ethnicity<sup>1</sup></b>										
White .....	7.7	(0.55)	6.4	(0.60)	5.3	(0.50)	4.2	(0.45)	5.2	(0.67)
Black .....	6.2	(0.98)	3.9	(0.92)	4.1	(0.86)	3.4	(0.78)	3.3	(0.79)
Hispanic .....	4.8	(0.79)	4.9	(0.90)	4.1	(0.89)	3.0	(0.71)	2.8	(0.65)
Asian .....	‡	(†)	‡	(†)	‡	(†)	‡	(†)	‡	(†)
Other .....	9.3	(2.30)	5.4!	(2.40)	‡	(†)	4.7!	(1.79)	6.5	(1.82)
<b>Grade</b>										
6th .....	2.4	(0.64)	0.8!	(0.40)	2.0!	(0.89)	‡	(†)	1.7!	(0.65)
7th .....	2.6	(0.56)	3.6	(0.84)	3.0	(0.63)	2.0	(0.50)	3.0	(0.66)
8th .....	3.2	(0.63)	3.2	(0.63)	2.9	(0.60)	2.4	(0.62)	2.6	(0.58)
9th .....	6.8	(0.98)	4.4	(0.80)	4.0	(0.75)	3.3	(0.80)	3.3	(0.72)
10th .....	9.2	(1.13)	7.3	(1.02)	5.3	(0.70)	4.7	(0.80)	4.7	(1.07)
11th .....	9.9	(1.00)	7.6	(1.16)	6.4	(1.06)	5.9	(0.99)	6.4	(1.10)
12th .....	12.3	(1.33)	9.8	(1.44)	8.2	(1.06)	5.8	(0.99)	7.3	(1.08)
<b>Urbanicity<sup>2</sup></b>										
Urban .....	5.8	(0.67)	4.7	(0.72)	4.1	(0.61)	3.2	(0.54)	3.4	(0.73)
Suburban .....	6.4	(0.59)	5.5	(0.57)	4.9	(0.55)	3.7	(0.46)	4.4	(0.60)
Rural .....	9.1	(1.04)	7.1	(1.39)	4.9	(0.92)	4.6	(0.91)	5.0	(1.20)
<b>Control of school</b>										
Public .....	6.9	(0.44)	5.8	(0.49)	4.8	(0.42)	3.7	(0.40)	4.4	(0.52)
Private .....	4.5	(0.88)	2.3!	(0.83)	3.2!	(0.98)	3.6	(1.01)	2.0!	(0.76)

†Not applicable.

!Interpret data with caution. The coefficient of variation (CV) for this estimate is between 30 and 50 percent.

‡Reporting standards not met. Either there are too few cases for a reliable estimate or the coefficient of variation (CV) is 50 percent or greater.

<sup>1</sup>Race categories exclude persons of Hispanic ethnicity. "Other" includes American Indians/Alaska Natives, Pacific Islanders, and persons of Two or more races.

<sup>2</sup>Refers to the Standard Metropolitan Statistical Area (MSA) status of the respondent's household as defined by the U.S. Census Bureau. Categories include "central city of an MSA (Urban)," "in MSA but not in central city (Suburban)," and "not MSA (Rural)."  
SOURCE: U.S. Department of Justice, Bureau of Justice Statistics, School Crime Supplement (SCS) to the National Crime Victimization Survey, 2007 through 2015. (This table was prepared August 2016.)

**Table 232.10. Percentage of students in grades 9–12 who reported using alcohol at least 1 day during the previous 30 days, by location and selected student characteristics: Selected years, 1993 through 2015**

[Standard errors appear in parentheses]

Location and student characteristic	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2015
1	2	3	4	5	6	7	8	9	10	11	12	13
<b>Anywhere (including on school property)<sup>1</sup></b>												
<b>Total</b>	<b>48.0 (1.06)</b>	<b>51.6 (1.19)</b>	<b>50.8 (1.43)</b>	<b>50.0 (1.30)</b>	<b>47.1 (1.11)</b>	<b>44.9 (1.21)</b>	<b>43.3 (1.38)</b>	<b>44.7 (1.15)</b>	<b>41.8 (0.80)</b>	<b>38.7 (0.75)</b>	<b>34.9 (1.08)</b>	<b>32.8 (1.18)</b>
<b>Sex</b>												
Male	50.1 (1.23)	53.2 (1.33)	53.3 (1.22)	52.3 (1.47)	49.2 (1.42)	43.8 (1.31)	43.8 (1.40)	44.7 (1.39)	40.8 (1.11)	39.5 (0.93)	34.4 (1.30)	32.2 (0.89)
Female	45.9 (1.32)	49.9 (1.79)	47.8 (1.99)	47.7 (1.45)	45.0 (1.11)	45.8 (1.29)	42.8 (1.56)	44.6 (1.42)	42.9 (0.85)	37.9 (0.91)	35.5 (1.39)	33.5 (1.89)
<b>Race/ethnicity<sup>2</sup></b>												
White	49.9 (1.26)	54.1 (1.77)	54.0 (1.51)	52.5 (1.62)	50.4 (1.12)	47.1 (1.51)	46.4 (1.84)	47.3 (1.67)	44.7 (1.16)	40.3 (0.97)	36.3 (1.63)	35.2 (2.00)
Black	42.5 (1.82)	42.0 (2.24)	36.9 (1.46)	39.9 (4.07)	32.7 (2.33)	37.4 (1.67)	31.2 (1.05)	34.5 (1.65)	33.4 (1.45)	30.5 (1.40)	29.6 (1.65)	23.8 (2.82)
Hispanic	50.8 (2.82)	54.7 (2.56)	53.9 (1.96)	52.8 (2.41)	49.2 (1.52)	45.6 (1.39)	46.8 (1.39)	47.6 (1.80)	42.9 (1.43)	42.3 (1.38)	37.5 (2.11)	34.4 (1.28)
Asian <sup>3</sup>	— (†)	— (†)	— (†)	25.7 (2.24)	28.4 (3.22)	27.5 (3.47)	21.5 (1.98)	25.4 (2.17)	18.3 (1.60)	25.6 (2.90)	21.7 (1.80)	13.1 (1.83)
Pacific Islander <sup>3</sup>	— (†)	— (†)	— (†)	60.8 (5.11)	52.3 (8.54)	40.0 (7.04)	38.7 (8.43)	48.8 (6.58)	34.8 (4.36)	38.4 (6.40)	26.8 (5.84)	36.9 (10.62)
American Indian/Alaska Native	45.3 (7.18)	51.4 (7.18)	57.6 (3.79)	49.4 (6.43)	51.4 (3.97)	51.9 (5.29)	57.4 (4.13)	34.5 (1.77)	42.8 (5.43)	44.9 (2.26)	33.4 (5.13)	46.0 (8.12)
Two or more races <sup>3</sup>	— (†)	— (†)	— (†)	51.1 (3.98)	45.4 (4.11)	47.1 (3.59)	39.0 (3.59)	46.2 (2.89)	44.3 (2.42)	36.9 (3.08)	36.1 (2.87)	39.6 (2.68)
<b>Grade</b>												
9th	40.5 (1.79)	45.6 (1.87)	44.2 (3.12)	40.6 (2.17)	41.1 (1.82)	36.2 (1.43)	36.2 (1.23)	35.7 (1.15)	31.5 (1.28)	29.8 (1.35)	24.4 (1.13)	23.4 (1.28)
10th	44.0 (2.00)	49.5 (2.38)	47.2 (2.19)	49.7 (1.89)	45.2 (1.29)	43.5 (1.66)	42.0 (1.95)	41.8 (1.68)	40.6 (1.42)	35.7 (1.37)	30.9 (1.84)	29.0 (2.49)
11th	49.7 (1.73)	53.7 (1.51)	53.2 (1.49)	50.9 (1.98)	49.3 (1.70)	47.0 (2.08)	46.0 (1.98)	49.0 (1.83)	45.7 (2.05)	42.7 (1.28)	39.2 (1.52)	38.0 (1.68)
12th	56.4 (1.35)	56.5 (1.64)	57.3 (2.50)	61.7 (2.25)	55.2 (1.53)	55.9 (1.65)	50.8 (2.12)	54.9 (2.09)	51.7 (1.37)	48.4 (1.29)	46.8 (1.85)	42.4 (2.00)
<b>Urbanicity<sup>4</sup></b>												
Urban	— (†)	— (†)	48.9 (2.07)	46.5 (2.75)	45.2 (1.97)	41.5 (1.48)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)
Suburban	— (†)	— (†)	50.5 (2.11)	51.4 (1.32)	47.6 (1.26)	46.5 (2.10)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)
Rural	— (†)	— (†)	55.4 (5.36)	52.2 (4.51)	50.2 (1.91)	45.3 (2.35)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)
<b>On school property<sup>5</sup></b>												
<b>Total</b>	<b>5.2 (0.39)</b>	<b>6.3 (0.45)</b>	<b>5.6 (0.34)</b>	<b>4.9 (0.39)</b>	<b>4.9 (0.28)</b>	<b>5.2 (0.46)</b>	<b>4.3 (0.30)</b>	<b>4.1 (0.32)</b>	<b>4.5 (0.29)</b>	<b>5.1 (0.33)</b>	— (†)	— (†)
<b>Sex</b>												
Male	6.2 (0.39)	7.2 (0.50)	7.2 (0.66)	6.1 (0.54)	6.1 (0.43)	6.0 (0.61)	5.3 (0.39)	4.6 (0.35)	5.3 (0.41)	5.4 (0.43)	— (†)	— (†)
Female	4.2 (0.54)	5.3 (0.70)	3.6 (0.37)	3.6 (0.39)	3.8 (0.39)	4.2 (0.41)	3.3 (0.32)	3.6 (0.37)	3.6 (0.34)	4.7 (0.35)	— (†)	— (†)
<b>Race/ethnicity<sup>2</sup></b>												
White	4.6 (0.44)	5.6 (0.62)	4.8 (0.42)	4.8 (0.55)	4.2 (0.26)	3.9 (0.45)	3.8 (0.38)	3.2 (0.35)	3.3 (0.27)	4.0 (0.38)	— (†)	— (†)
Black	6.9 (0.98)	7.6 (0.87)	5.6 (0.72)	4.3 (0.52)	5.3 (0.65)	5.8 (0.80)	3.2 (0.45)	3.4 (0.63)	5.4 (0.59)	5.1 (0.50)	— (†)	— (†)
Hispanic	6.8 (0.84)	9.6 (1.73)	8.2 (0.96)	7.0 (0.88)	7.0 (0.71)	7.6 (1.08)	7.7 (1.04)	7.5 (0.86)	6.9 (0.70)	7.3 (0.68)	— (†)	— (†)
Asian <sup>3</sup>	— (†)	— (†)	— (†)	2.0 (0.42)	6.8 (1.42)	5.6 (1.55)	1.3! (0.62)	4.4 (1.17)	2.9 (0.65)	3.5! (1.21)	— (†)	— (†)
Pacific Islander <sup>3</sup>	— (†)	— (†)	— (†)	6.7 (1.59)	12.4 (3.50)	8.5! (3.29)	† (†)	† (†)	10.0 (2.34)	8.3! (3.61)	— (†)	— (†)
American Indian/Alaska Native	6.7! (3.06)	8.1! (3.30)	8.6! (4.15)	† (†)	8.2 (1.69)	7.1! (2.61)	6.2! (2.05)	5.0 (0.89)	4.3! (1.58)	20.9 (4.15)	— (†)	— (†)
Two or more races <sup>3</sup>	— (†)	— (†)	— (†)	5.2 (1.09)	7.0! (2.36)	13.3 (2.93)	3.5 (1.02)	5.4 (1.25)	6.7 (1.37)	5.8 (1.32)	— (†)	— (†)
<b>Grade</b>												
9th	5.2 (0.38)	7.5 (0.90)	5.9 (0.83)	4.4 (0.60)	5.3 (0.47)	5.1 (0.69)	3.7 (0.48)	3.4 (0.43)	4.4 (0.37)	5.4 (0.56)	— (†)	— (†)
10th	4.7 (0.43)	5.9 (0.88)	4.6 (0.71)	5.0 (0.67)	5.1 (0.45)	5.6 (0.60)	4.5 (0.45)	4.1 (0.50)	4.8 (0.46)	4.4 (0.51)	— (†)	— (†)
11th	5.2 (0.80)	5.7 (0.86)	6.0 (0.86)	4.7 (0.57)	4.7 (0.45)	5.0 (0.57)	4.0 (0.47)	4.2 (0.54)	4.6 (0.44)	5.2 (0.56)	— (†)	— (†)
12th	5.5 (0.64)	6.2 (0.58)	5.9 (0.66)	5.0 (0.89)	4.3 (0.44)	4.5 (0.68)	4.8 (0.57)	4.8 (0.55)	4.1 (0.44)	5.1 (0.48)	— (†)	— (†)
<b>Urbanicity<sup>4</sup></b>												
Urban	— (†)	— (†)	6.4 (0.85)	5.0 (0.60)	5.4 (0.61)	6.1 (0.94)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)
Suburban	— (†)	— (†)	5.2 (0.43)	4.6 (0.61)	4.9 (0.37)	4.8 (0.54)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)
Rural	— (†)	— (†)	5.3 (0.55)	5.6 (0.67)	4.0 (0.83)	4.7 (0.49)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)

—Not available.

†Not applicable.

!Interpret data with caution. The coefficient of variation (CV) for this estimate is between 30 and 50 percent.

‡Reporting standards not met. The coefficient of variation (CV) for this estimate is 50 percent or greater.

<sup>1</sup>The term “anywhere” is not used in the Youth Risk Behavior Survey (YRBS) questionnaire; students were simply asked how many days during the previous 30 days they had at least one drink of alcohol.

<sup>2</sup>Race categories exclude persons of Hispanic ethnicity.

<sup>3</sup>Before 1999, Asian students and Pacific Islander students were not categorized separately, and students could not be classified as Two or more races. Because the response categories changed in 1999, caution should be used in comparing data on race from 1993, 1995, and 1997 with data from later years.

<sup>4</sup>Refers to the Standard Metropolitan Statistical Area (MSA) status of the respondent’s household as defined by the U.S. Census Bureau. Categories include “central city of an MSA (Urban),” “in MSA but not in central city (Suburban),” and “not MSA (Rural).”

<sup>5</sup>In the question about drinking alcohol at school, “on school property” was not defined for survey respondents. Data on alcohol use at school were not collected in 2013 and 2015.

SOURCE: Centers for Disease Control and Prevention, Division of Adolescent and School Health, Youth Risk Behavior Surveillance System (YRBSS), 1993 through 2015. (This table was prepared July 2016.)

**Table 232.20. Percentage distribution of students in grades 9–12, by number of days they reported using alcohol anywhere or on school property during the previous 30 days and selected student characteristics: Selected years, 2009 through 2015**

[Standard errors appear in parentheses]

Year and student characteristic	Anywhere (including on school property) <sup>1</sup>					On school property <sup>2</sup>				
	0 days	1 or 2 days	3 to 29 days	All 30 days		0 days	1 or 2 days	3 to 29 days	All 30 days	
1	2	3	4	5		6	7	8	9	
<b>2009</b>										
<b>Total</b>	<b>58.2 (0.80)</b>	<b>20.5 (0.40)</b>	<b>20.5 (0.73)</b>	<b>0.8 (0.09)</b>		<b>95.5 (0.29)</b>	<b>2.8 (0.21)</b>	<b>1.3 (0.14)</b>	<b>0.4 (0.07)</b>	
<b>Sex</b>										
Male	59.2 (1.11)	17.9 (0.59)	21.7 (0.90)	1.3 (0.19)		94.7 (0.41)	3.0 (0.27)	1.7 (0.20)	0.6 (0.14)	
Female	57.1 (0.85)	23.4 (0.73)	19.2 (0.74)	0.3 (0.05)		96.4 (0.34)	2.6 (0.26)	0.9 (0.16)	0.1! (0.03)	
<b>Race/ethnicity<sup>3</sup></b>										
White	55.3 (1.16)	20.9 (0.50)	23.2 (1.10)	0.6 (0.10)		96.7 (0.27)	2.0 (0.20)	1.0 (0.14)	0.2 (0.06)	
Black	66.6 (1.45)	18.5 (0.80)	14.0 (1.04)	0.9 (0.25)		94.6 (0.59)	3.0 (0.36)	1.8 (0.32)	0.5! (0.22)	
Hispanic	57.1 (1.43)	21.9 (0.82)	19.6 (1.12)	1.3 (0.22)		93.1 (0.70)	4.4 (0.46)	1.9 (0.37)	0.6 (0.16)	
Asian	81.7 (1.60)	11.5 (1.90)	5.9 (1.22)	0.9! (0.44)		97.1 (0.65)	1.4! (0.47)	0.9! (0.43)	† (†)	
Pacific Islander	65.2 (4.36)	12.4 (2.86)	22.0 (3.42)	† (†)		90.0 (2.34)	5.9 (1.68)	3.8! (1.56)	† (†)	
American Indian/Alaska Native	57.2 (5.43)	17.0! (5.28)	24.7 (5.33)	† (†)		95.7 (1.58)	3.5! (1.45)	† (†)	† (†)	
Two or more races	55.7 (2.42)	26.8 (2.58)	16.1 (1.90)	1.4! (0.56)		93.3 (1.37)	4.7 (0.98)	1.6! (0.64)	† (†)	
<b>Grade</b>										
9th	68.5 (1.28)	17.9 (1.00)	12.9 (0.64)	0.7 (0.16)		95.6 (0.37)	3.0 (0.28)	1.0 (0.17)	0.4! (0.13)	
10th	59.4 (1.42)	19.5 (0.79)	20.3 (1.27)	0.8 (0.21)		95.2 (0.46)	2.9 (0.35)	1.5 (0.25)	0.4! (0.15)	
11th	54.3 (2.05)	21.7 (1.41)	23.2 (1.36)	0.8 (0.13)		95.4 (0.44)	2.9 (0.40)	1.4 (0.24)	0.3 (0.09)	
12th	48.3 (1.37)	23.6 (0.95)	27.3 (1.55)	0.8 (0.19)		95.9 (0.44)	2.3 (0.29)	1.5 (0.25)	0.3! (0.12)	
<b>2011</b>										
<b>Total</b>	<b>61.3 (0.75)</b>	<b>19.4 (0.62)</b>	<b>18.3 (0.47)</b>	<b>0.9 (0.11)</b>		<b>94.9 (0.33)</b>	<b>3.3 (0.23)</b>	<b>1.3 (0.15)</b>	<b>0.5 (0.07)</b>	
<b>Sex</b>										
Male	60.5 (0.93)	18.5 (0.68)	19.5 (0.65)	1.5 (0.19)		94.6 (0.43)	3.1 (0.26)	1.5 (0.21)	0.8 (0.14)	
Female	62.1 (0.91)	20.5 (0.74)	17.1 (0.63)	0.3 (0.08)		95.3 (0.35)	3.4 (0.29)	1.1 (0.16)	0.1! (0.04)	
<b>Race/ethnicity<sup>3</sup></b>										
White	59.7 (0.97)	19.5 (0.83)	20.1 (0.62)	0.7 (0.13)		96.0 (0.38)	2.8 (0.29)	0.9 (0.12)	0.3 (0.06)	
Black	69.5 (1.40)	17.5 (1.06)	12.1 (0.97)	0.9 (0.21)		94.9 (0.50)	3.2 (0.41)	1.4 (0.28)	0.5! (0.18)	
Hispanic	57.7 (1.38)	21.5 (0.75)	19.4 (0.94)	1.4 (0.25)		92.7 (0.68)	4.3 (0.31)	2.2 (0.45)	0.7 (0.17)	
Asian	74.4 (2.90)	16.7 (2.86)	7.3 (1.42)	1.6! (0.73)		96.5 (1.21)	2.2! (0.96)	† (†)	† (†)	
Pacific Islander	61.6 (6.40)	15.6 (3.98)	21.9 (4.87)	† (†)		91.7 (3.61)	3.6! (1.62)	† (†)	† (†)	
American Indian/Alaska Native	55.1 (2.26)	23.8 (2.23)	20.1 (1.51)	† (†)		79.1 (4.15)	15.0 (3.14)	5.3 (0.96)	† (†)	
Two or more races	63.1 (3.08)	19.6 (2.94)	15.0 (1.88)	2.3! (0.96)		94.2 (1.32)	3.3 (0.86)	† (†)	1.6! (0.74)	
<b>Grade</b>										
9th	70.2 (1.35)	17.8 (0.99)	11.2 (0.95)	0.7 (0.18)		94.6 (0.56)	3.7 (0.41)	1.4 (0.31)	0.4 (0.09)	
10th	64.3 (1.37)	19.2 (1.11)	15.8 (0.66)	0.6 (0.15)		95.6 (0.51)	2.8 (0.40)	1.2 (0.24)	0.4 (0.11)	
11th	57.3 (1.28)	21.1 (0.87)	20.6 (1.31)	1.1 (0.21)		94.8 (0.56)	3.2 (0.39)	1.3 (0.26)	0.7 (0.16)	
12th	51.6 (1.29)	20.1 (0.93)	27.1 (1.25)	1.1 (0.24)		94.9 (0.48)	3.5 (0.38)	1.3 (0.26)	0.3! (0.10)	
<b>2013<sup>4</sup></b>										
<b>Total</b>	<b>65.1 (1.08)</b>	<b>17.3 (0.56)</b>	<b>16.9 (0.78)</b>	<b>0.8 (0.12)</b>		— (†)	— (†)	— (†)	— (†)	
<b>Sex</b>										
Male	65.6 (1.30)	15.7 (0.75)	17.4 (0.90)	1.2 (0.19)		— (†)	— (†)	— (†)	— (†)	
Female	64.5 (1.39)	18.8 (0.98)	16.3 (0.88)	0.3 (0.09)		— (†)	— (†)	— (†)	— (†)	
<b>Race/ethnicity<sup>3</sup></b>										
White	63.7 (1.63)	17.6 (0.87)	18.0 (1.11)	0.6 (0.13)		— (†)	— (†)	— (†)	— (†)	
Black	70.4 (1.65)	15.5 (0.90)	13.6 (1.46)	0.6 (0.16)		— (†)	— (†)	— (†)	— (†)	
Hispanic	62.5 (2.11)	18.0 (1.30)	18.3 (1.27)	1.2 (0.35)		— (†)	— (†)	— (†)	— (†)	
Asian	78.3 (1.80)	14.8 (2.26)	6.3 (1.27)	† (†)		— (†)	— (†)	— (†)	— (†)	
Pacific Islander	73.2 (5.84)	18.2 (4.71)	7.5 (2.24)	† (†)		— (†)	— (†)	— (†)	— (†)	
American Indian/Alaska Native	66.6 (5.13)	14.8 (4.41)	17.4! (5.62)	† (†)		— (†)	— (†)	— (†)	— (†)	
Two or more races	63.9 (2.87)	18.7 (1.71)	16.4 (2.12)	1.0! (0.42)		— (†)	— (†)	— (†)	— (†)	
<b>Grade</b>										
9th	75.6 (1.13)	13.6 (0.89)	10.0 (0.85)	0.7 (0.22)		— (†)	— (†)	— (†)	— (†)	
10th	69.1 (1.84)	15.9 (1.17)	14.5 (1.22)	0.6 (0.16)		— (†)	— (†)	— (†)	— (†)	
11th	60.8 (1.52)	18.6 (1.01)	19.7 (1.26)	0.9 (0.23)		— (†)	— (†)	— (†)	— (†)	
12th	53.2 (1.85)	21.5 (0.93)	24.6 (1.31)	0.7 (0.17)		— (†)	— (†)	— (†)	— (†)	
<b>2015<sup>4</sup></b>										
<b>Total</b>	<b>67.2 (1.18)</b>	<b>17.6 (0.67)</b>	<b>14.5 (0.85)</b>	<b>0.7 (0.12)</b>		— (†)	— (†)	— (†)	— (†)	
<b>Sex</b>										
Male	67.8 (0.89)	16.1 (0.76)	15.1 (0.87)	1.0 (0.23)		— (†)	— (†)	— (†)	— (†)	
Female	66.5 (1.89)	19.3 (1.09)	13.9 (1.12)	0.3! (0.13)		— (†)	— (†)	— (†)	— (†)	
<b>Race/ethnicity<sup>3</sup></b>										
White	64.8 (2.00)	18.5 (0.83)	16.2 (1.40)	0.5 (0.11)		— (†)	— (†)	— (†)	— (†)	
Black	76.2 (2.82)	14.4 (1.82)	8.6 (1.24)	† (†)		— (†)	— (†)	— (†)	— (†)	
Hispanic	65.6 (1.28)	18.9 (1.25)	14.4 (0.76)	1.1 (0.25)		— (†)	— (†)	— (†)	— (†)	
Asian	86.9 (1.83)	7.1 (1.48)	4.9 (0.88)	† (†)		— (†)	— (†)	— (†)	— (†)	
Pacific Islander	63.1 (10.62)	22.1! (8.78)	13.5! (5.64)	† (†)		— (†)	— (†)	— (†)	— (†)	
American Indian/Alaska Native	54.0 (8.12)	16.3! (5.91)	29.3! (8.96)	† (†)		— (†)	— (†)	— (†)	— (†)	
Two or more races	60.4 (2.68)	20.2 (2.17)	19.0 (2.32)	† (†)		— (†)	— (†)	— (†)	— (†)	
<b>Grade</b>										
9th	76.6 (1.28)	14.2 (1.20)	8.5 (0.98)	0.6 (0.16)		— (†)	— (†)	— (†)	— (†)	
10th	71.0 (2.49)	16.0 (1.53)	12.2 (1.25)	0.8 (0.21)		— (†)	— (†)	— (†)	— (†)	
11th	62.0 (1.68)	19.9 (1.49)	17.8 (1.39)	0.3! (0.12)		— (†)	— (†)	— (†)	— (†)	
12th	57.6 (2.00)	21.0 (1.22)	20.4 (1.49)	0.9 (0.26)		— (†)	— (†)	— (†)	— (†)	

—Not available.

†Not applicable.

#Rounds to zero.

!Interpret data with caution. The coefficient of variation (CV) for this estimate is between 30 and 50 percent.

‡Reporting standards not met. Either there are too few cases for a reliable estimate or the coefficient of variation (CV) is 50 percent or greater.

<sup>1</sup>The term “anywhere” is not used in the Youth Risk Behavior Survey (YRBS) questionnaire; students were simply asked how many days during the previous 30 days they had at least one drink of alcohol.

<sup>2</sup>In the question about drinking alcohol at school, “on school property” was not defined for survey respondents.

<sup>3</sup>Race categories exclude persons of Hispanic ethnicity.

<sup>4</sup>Data on alcohol use at school were not collected in 2013 and 2015.

NOTE: Detail may not sum to totals because of rounding.

SOURCE: Centers for Disease Control and Prevention, Division of Adolescent and School Health, Youth Risk Behavior Surveillance System (YRBSS), 2009 through 2015. (This table was prepared July 2016.)

**Table 232.30. Percentage of public school students in grades 9–12 who reported using alcohol at least 1 day during the previous 30 days, by location and state or jurisdiction: Selected years, 2005 through 2015**  
[Standard errors appear in parentheses]

State or jurisdiction	Anywhere (including on school property) <sup>1</sup>						On school property <sup>2</sup>					
	2005	2007	2009	2011	2013	2015	2005	2007	2009	2011	2013	2015
1	2	3	4	5	6	7	8	9	10	11	12	13
<b>United States<sup>3</sup> ...</b>	<b>43.3 (1.38)</b>	<b>44.7 (1.15)</b>	<b>41.8 (0.80)</b>	<b>38.7 (0.75)</b>	<b>34.9 (1.08)</b>	<b>32.8 (1.18)</b>	<b>4.3 (0.30)</b>	<b>4.1 (0.32)</b>	<b>4.5 (0.29)</b>	<b>5.1 (0.33)</b>	— (†)	— (†)
Alabama .....	39.4 (2.55)	— (†)	39.5 (2.22)	35.6 (1.99)	35.0 (2.45)	30.7 (1.70)	4.5 (0.59)	— (†)	5.4 (0.76)	5.7 (1.08)	— (†)	— (†)
Alaska .....	— (†)	39.7 (2.11)	33.2 (1.66)	28.6 (1.95)	22.5 (1.69)	22.0 (1.21)	— (†)	4.1 (0.58)	3.0 (0.48)	3.4 (0.52)	— (†)	— (†)
Arizona .....	47.1 (1.73)	45.6 (1.73)	44.5 (1.67)	43.8 (1.47)	36.0 (2.25)	34.8 (2.65)	7.5 (0.88)	6.0 (0.54)	5.9 (0.61)	6.2 (0.55)	— (†)	— (†)
Arkansas .....	43.1 (1.99)	42.2 (1.75)	39.7 (1.91)	33.9 (1.81)	36.3 (1.97)	27.6 (1.58)	5.2 (0.62)	5.1 (0.65)	6.1 (0.89)	4.2 (0.68)	— (†)	— (†)
California .....	— (†)	— (†)	— (†)	— (†)	— (†)	28.9 (2.61)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)
Colorado .....	47.4 (4.42)	— (†)	40.8 (2.44)	36.4 (2.29)	— (†)	— (†)	5.9 (1.08)	— (†)	4.1 (0.61)	5.3 (0.87)	— (†)	— (†)
Connecticut .....	45.3 (2.16)	46.0 (2.13)	43.5 (2.22)	41.5 (1.90)	36.7 (2.02)	30.2 (1.50)	6.6 (0.71)	5.6 (0.99)	5.0 (0.47)	4.6 (0.61)	— (†)	— (†)
Delaware .....	43.1 (1.16)	45.2 (1.40)	43.7 (1.65)	40.4 (1.55)	36.3 (1.34)	31.4 (1.95)	5.5 (0.66)	4.5 (0.48)	5.0 (0.73)	5.0 (0.50)	— (†)	— (†)
District of Columbia ..	23.1 (1.40)	32.6 (1.47)	— (†)	32.8 (1.89)	31.4 (0.58)	20.2 (0.43)	4.6 (0.55)	6.1 (0.92)	— (†)	6.8 (0.91)	— (†)	— (†)
Florida .....	39.7 (1.43)	42.3 (1.30)	40.5 (1.03)	37.0 (0.98)	34.9 (0.87)	33.0 (0.96)	4.5 (0.30)	5.3 (0.31)	4.9 (0.26)	5.1 (0.29)	— (†)	— (†)
Georgia .....	39.9 (2.12)	37.7 (1.52)	34.3 (1.65)	34.6 (1.93)	27.9 (2.04)	— (†)	4.3 (0.67)	4.4 (0.58)	4.2 (0.48)	5.4 (0.80)	— (†)	— (†)
Hawaii .....	34.8 (2.05)	29.1 (2.93)	37.8 (3.02)	29.1 (1.64)	25.2 (1.75)	25.2 (1.02)	8.8 (0.93)	6.0 (0.93)	7.9 (1.31)	5.0 (0.42)	— (†)	— (†)
Idaho .....	39.8 (2.62)	42.5 (2.73)	34.2 (1.97)	36.2 (2.28)	38.3 (2.23)	28.3 (2.21)	4.3 (0.69)	6.2 (0.81)	3.5 (0.53)	4.1 (0.50)	— (†)	— (†)
Illinois .....	— (†)	43.7 (2.72)	39.8 (1.91)	37.8 (1.87)	36.6 (2.41)	30.7 (2.07)	— (†)	5.5 (0.75)	4.4 (0.64)	3.3 (0.40)	— (†)	— (†)
Indiana .....	41.4 (2.12)	43.9 (2.24)	38.5 (2.13)	33.5 (1.65)	— (†)	30.5 (2.19)	3.4 (0.64)	4.1 (0.47)	3.5 (0.52)	2.0 (0.36)	— (†)	— (†)
Iowa .....	43.8 (2.56)	41.0 (2.36)	— (†)	37.1 (2.58)	— (†)	— (†)	4.6 (0.89)	3.4 (0.78)	— (†)	2.3 (0.41)	— (†)	— (†)
Kansas .....	43.9 (1.74)	42.4 (1.69)	38.7 (1.93)	32.6 (1.53)	27.6 (1.02)	— (†)	5.1 (0.74)	4.8 (0.66)	3.2 (0.55)	2.9 (0.45)	— (†)	— (†)
Kentucky .....	37.4 (1.77)	40.6 (1.25)	37.8 (1.30)	34.6 (1.56)	30.4 (1.37)	28.5 (1.70)	3.5 (0.37)	4.7 (0.87)	5.2 (0.87)	4.1 (0.53)	— (†)	— (†)
Louisiana .....	— (†)	— (†)	47.5 (2.80)	44.4 (2.00)	38.6 (2.75)	— (†)	— (†)	— (†)	5.6 (1.33)	6.0 (1.36)	— (†)	— (†)
Maine .....	43.0 (2.15)	39.3 (2.29)	32.2 (0.66)	28.7 (0.69)	26.6 (0.90)	24.0 (0.69)	3.9 (0.44)	5.6 (0.89)	4.0 (0.23)	3.1 (0.21)	— (†)	— (†)
Maryland .....	39.8 (2.17)	42.9 (3.13)	37.0 (1.44)	34.8 (1.98)	31.2 (0.45)	26.1 (0.41)	3.2 (0.42)	6.2 (1.10)	4.8 (0.67)	5.4 (0.63)	— (†)	— (†)
Massachusetts .....	47.8 (1.36)	46.2 (1.57)	43.6 (1.28)	40.1 (1.54)	35.6 (1.14)	33.9 (1.48)	4.2 (0.32)	4.7 (0.45)	3.8 (0.48)	3.6 (0.44)	— (†)	— (†)
Michigan .....	38.1 (1.73)	42.8 (1.70)	37.0 (1.28)	30.6 (1.64)	28.3 (1.81)	25.9 (1.81)	3.6 (0.46)	3.6 (0.51)	3.7 (0.40)	2.7 (0.37)	— (†)	— (†)
Minnesota .....	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)
Mississippi .....	— (†)	40.6 (1.57)	39.2 (1.43)	36.2 (2.07)	32.9 (2.09)	31.5 (1.67)	— (†)	5.1 (0.71)	4.3 (0.45)	4.6 (0.67)	— (†)	— (†)
Missouri .....	40.8 (2.04)	44.4 (2.35)	39.3 (2.71)	— (†)	35.6 (1.33)	34.5 (2.09)	3.3 (0.57)	3.4 (0.74)	3.0 (0.55)	— (†)	— (†)	— (†)
Montana .....	48.6 (1.50)	46.5 (1.39)	42.8 (1.81)	38.3 (1.08)	37.1 (1.20)	34.2 (1.03)	6.4 (0.73)	5.7 (0.47)	5.1 (0.69)	3.5 (0.35)	— (†)	— (†)
Nebraska .....	42.9 (1.27)	— (†)	— (†)	26.6 (1.24)	22.1 (1.46)	22.7 (1.65)	3.6 (0.42)	— (†)	— (†)	3.0 (0.41)	— (†)	— (†)
Nevada .....	41.4 (1.73)	37.0 (1.52)	38.6 (1.66)	— (†)	34.0 (2.11)	33.5 (2.29)	6.8 (0.92)	4.4 (0.58)	4.4 (0.52)	— (†)	— (†)	— (†)
New Hampshire .....	44.0 (2.31)	44.8 (1.83)	39.3 (2.18)	38.4 (1.83)	32.9 (1.71)	30.0 (0.88)	— (†)	5.1 (0.73)	4.3 (0.68)	5.6 (0.70)	— (†)	— (†)
New Jersey .....	46.5 (2.65)	— (†)	45.2 (2.21)	42.9 (2.46)	39.3 (1.92)	— (†)	3.7 (0.42)	— (†)	— (†)	— (†)	— (†)	— (†)
New Mexico .....	42.3 (1.93)	43.2 (1.07)	40.5 (1.41)	36.9 (1.40)	28.9 (1.25)	26.1 (0.89)	7.6 (0.87)	8.7 (1.35)	8.0 (0.90)	6.4 (0.54)	— (†)	— (†)
New York .....	43.4 (1.47)	43.7 (1.41)	41.4 (1.38)	38.4 (1.96)	32.5 (1.36)	29.7 (1.80)	4.1 (0.45)	5.1 (0.58)	— (†)	— (†)	— (†)	— (†)
North Carolina .....	42.3 (2.16)	37.7 (1.36)	35.0 (2.43)	34.3 (1.41)	32.2 (1.27)	29.2 (1.63)	5.4 (0.74)	4.7 (0.65)	4.1 (0.57)	5.5 (0.77)	— (†)	— (†)
North Dakota .....	49.0 (1.89)	46.1 (1.82)	43.3 (1.79)	38.8 (1.67)	35.3 (1.59)	30.8 (1.58)	3.6 (0.52)	4.4 (0.65)	4.2 (0.53)	3.1 (0.51)	— (†)	— (†)
Ohio <sup>4</sup> .....	42.4 (1.96)	45.7 (1.70)	— (†)	38.0 (2.94)	29.5 (2.21)	— (†)	3.2 (0.59)	3.2 (0.50)	— (†)	— (†)	— (†)	— (†)
Oklahoma .....	40.5 (1.62)	43.1 (1.88)	39.0 (1.97)	38.3 (1.75)	33.4 (1.91)	27.3 (1.95)	3.8 (0.49)	5.0 (0.59)	3.9 (0.55)	2.6 (0.65)	— (†)	— (†)
Oregon .....	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)
Pennsylvania .....	— (†)	— (†)	38.4 (2.10)	— (†)	— (†)	30.6 (1.61)	— (†)	— (†)	2.8 (0.50)	— (†)	— (†)	— (†)
Rhode Island .....	42.7 (1.15)	42.9 (1.76)	34.0 (2.01)	34.0 (1.25)	30.9 (1.78)	26.2 (1.92)	5.3 (0.66)	4.8 (0.54)	3.2 (0.50)	— (†)	— (†)	— (†)
South Carolina .....	43.2 (1.64)	36.8 (2.31)	35.2 (2.80)	39.7 (1.72)	28.9 (1.34)	24.6 (1.57)	6.0 (0.96)	4.7 (0.73)	3.6 (0.79)	5.9 (0.90)	— (†)	— (†)
South Dakota <sup>5</sup> .....	46.6 (2.12)	44.5 (1.80)	40.1 (1.54)	39.3 (2.14)	30.8 (1.45)	28.0 (2.53)	4.0 (0.70)	3.6 (0.92)	— (†)	— (†)	— (†)	— (†)
Tennessee .....	41.8 (1.90)	36.7 (1.90)	33.5 (1.71)	33.3 (1.39)	28.4 (1.35)	— (†)	3.7 (0.66)	4.1 (0.54)	3.0 (0.38)	3.2 (0.34)	— (†)	— (†)
Texas .....	47.3 (1.93)	48.3 (1.64)	44.8 (1.25)	39.7 (1.15)	36.1 (1.75)	— (†)	5.7 (0.56)	4.9 (0.57)	4.7 (0.36)	3.9 (0.35)	— (†)	— (†)
Utah .....	15.8 (1.92)	17.0 (1.88)	18.2 (2.72)	15.1 (1.54)	11.0 (0.90)	— (†)	2.1 (0.39)	4.7 (1.69)	2.7 (0.45)	2.7 (0.54)	— (†)	— (†)
Vermont <sup>6</sup> .....	41.8 (1.53)	42.6 (1.04)	39.0 (1.57)	35.3 (1.10)	— (†)	30.0 (0.33)	4.8 (0.54)	4.6 (0.40)	3.3 (0.28)	3.3 (0.50)	— (†)	— (†)
Virginia .....	— (†)	— (†)	— (†)	30.5 (2.49)	27.3 (1.22)	23.4 (1.20)	— (†)	— (†)	— (†)	3.3 (0.59)	— (†)	— (†)
Washington .....	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)
West Virginia .....	41.5 (1.41)	43.5 (1.45)	40.4 (1.10)	34.3 (2.40)	37.1 (2.04)	31.1 (1.45)	6.4 (1.08)	5.5 (0.89)	5.7 (0.61)	4.2 (0.67)	— (†)	— (†)
Wisconsin .....	49.2 (1.51)	48.9 (1.56)	41.3 (1.83)	39.2 (1.35)	32.7 (1.21)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)
Wyoming .....	45.4 (1.47)	42.4 (1.22)	41.7 (1.36)	36.1 (1.34)	34.4 (1.14)	31.0 (1.48)	6.2 (0.56)	6.9 (0.63)	6.4 (0.50)	5.1 (0.48)	— (†)	— (†)
Puerto Rico .....	39.0 (1.71)	— (†)	— (†)	30.4 (2.37)	25.5 (2.03)	21.2 (1.45)	4.4 (0.49)	— (†)	— (†)	3.9 (0.85)	— (†)	— (†)

—Not available.

†Not applicable.

!Interpret data with caution. The coefficient of variation (CV) for this estimate is between 30 and 50 percent.

<sup>1</sup>The term “anywhere” is not used in the Youth Risk Behavior Survey (YRBS) questionnaire; students were simply asked how many days during the previous 30 days they had at least one drink of alcohol.

<sup>2</sup>In the question about drinking alcohol at school, “on school property” was not defined for survey respondents. Data on alcohol use at school were not collected in 2013 and 2015.

<sup>3</sup>For the U.S. total, data for all years include both public and private schools and were collected through a national survey representing the entire country. The U.S. total includes only the 50 states and the District of Columbia.

<sup>4</sup>Ohio data for 2005 through 2013 include both public and private schools.

<sup>5</sup>South Dakota data for all years include both public and private schools.

<sup>6</sup>Vermont data for 2013 include both public and private schools.

NOTE: For the U.S. total, data for all years include both public and private schools. State-level data include public schools only, except where otherwise noted. For three states, data for one or more years include both public and private schools: Ohio (2005 through 2013), South Dakota (all years), and Vermont (2013 only). For specific states, a given year’s data may be unavailable (†) because the state did not participate in the survey that year; (2) because the state omitted this particular survey item from the state-level questionnaire; or (3) because the state had an overall response rate of less than 60 percent (the overall response rate is the school response rate multiplied by the student response rate).

SOURCE: Centers for Disease Control and Prevention, Division of Adolescent and School Health, Youth Risk Behavior Surveillance System (YRBS), 2005 through 2015. (This table was prepared October 2017.)

**Table 232.40. Percentage of students in grades 9–12 who reported using marijuana at least one time during the previous 30 days, by location and selected student characteristics: Selected years, 1993 through 2015**

[Standard errors appear in parentheses]

Location and student characteristic	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2015
1	2	3	4	5	6	7	8	9	10	11	12	13
<b>Anywhere (including on school property)<sup>1</sup></b>												
<b>Total</b>	<b>17.7 (1.22)</b>	<b>25.3 (1.03)</b>	<b>26.2 (1.11)</b>	<b>26.7 (1.30)</b>	<b>23.9 (0.77)</b>	<b>22.4 (1.09)</b>	<b>20.2 (0.84)</b>	<b>19.7 (0.97)</b>	<b>20.8 (0.70)</b>	<b>23.1 (0.80)</b>	<b>23.4 (1.08)</b>	<b>21.7 (1.22)</b>
<b>Sex</b>												
Male	20.6 (1.61)	28.4 (1.08)	30.2 (1.46)	30.8 (1.92)	27.9 (0.81)	25.1 (1.25)	22.1 (0.98)	22.4 (1.02)	23.4 (0.80)	25.9 (1.01)	25.0 (1.14)	23.2 (1.46)
Female	14.6 (1.02)	22.0 (1.44)	21.4 (1.04)	22.6 (0.96)	20.0 (0.87)	19.3 (0.96)	18.2 (0.99)	17.0 (1.13)	17.9 (0.87)	20.1 (0.95)	21.9 (1.28)	20.1 (1.33)
<b>Race/ethnicity<sup>2</sup></b>												
White	17.3 (1.41)	24.5 (1.49)	25.0 (1.56)	26.4 (1.59)	24.4 (1.04)	21.7 (1.20)	20.3 (1.11)	19.9 (1.28)	20.7 (0.93)	21.7 (1.09)	20.4 (1.36)	19.9 (1.67)
Black	18.6 (1.84)	28.6 (2.62)	28.2 (1.67)	26.4 (3.49)	21.8 (2.12)	23.9 (1.58)	20.4 (1.11)	21.5 (1.64)	22.2 (1.44)	25.1 (1.35)	28.9 (1.30)	27.1 (1.57)
Hispanic	19.4 (1.33)	27.8 (2.92)	28.6 (2.06)	28.2 (2.29)	24.6 (0.81)	23.8 (1.16)	23.0 (1.22)	18.5 (1.41)	21.6 (1.04)	24.4 (1.27)	27.6 (1.50)	24.5 (1.49)
Asian <sup>3</sup>	— (†)	— (†)	— (†)	13.5 (2.04)	10.9 (2.12)	9.5 (2.21)	6.7 (1.64)	9.4 (1.63)	7.5 (1.40)	13.6 (3.75)	16.4 (2.99)	8.2 (1.58)
Pacific Islander <sup>3</sup>	— (†)	— (†)	— (†)	33.8 (4.11)	21.9 (4.07)	28.1 (6.47)	12.4! (3.87)	28.7 (6.14)	24.8 (5.50)	31.1 (7.08)	23.4! (7.35)	17.4 (4.88)
American Indian/Alaska Native	17.4 (4.77)	28.0 (5.72)	44.2 (4.31)	36.2 (6.55)	36.4 (5.48)	32.8 (5.29)	30.3 (4.36)	27.4 (3.50)	31.6 (5.26)	47.4 (3.20)	35.5 (6.37)	26.9 (5.20)
Two or more races <sup>4</sup>	— (†)	— (†)	— (†)	29.1 (4.00)	31.8 (3.22)	28.3 (5.57)	16.9 (2.43)	20.5 (2.73)	21.7 (2.33)	26.8 (2.10)	28.8 (2.55)	23.5 (2.18)
<b>Grade</b>												
9th	13.2 (1.10)	20.9 (1.83)	23.6 (1.95)	21.7 (1.84)	19.4 (1.25)	18.5 (1.52)	17.4 (1.16)	14.7 (1.02)	15.5 (0.97)	18.0 (1.11)	17.7 (1.13)	15.2 (0.98)
10th	16.5 (1.79)	25.5 (1.89)	25.0 (1.29)	27.8 (2.21)	24.8 (1.12)	22.0 (1.47)	20.2 (1.27)	19.3 (1.12)	21.1 (1.11)	21.6 (1.15)	23.5 (1.89)	20.0 (1.87)
11th	18.4 (1.77)	27.6 (1.35)	29.3 (1.81)	26.7 (2.47)	25.8 (1.33)	24.1 (1.56)	21.0 (1.24)	21.4 (1.49)	23.2 (1.52)	25.5 (1.44)	25.5 (1.37)	24.8 (1.27)
12th	22.0 (1.40)	26.2 (2.35)	26.6 (2.09)	31.5 (2.81)	26.9 (1.77)	25.8 (1.19)	22.8 (1.23)	25.1 (1.96)	24.6 (1.49)	28.0 (1.08)	27.7 (1.58)	27.6 (1.93)
<b>Urbanicity<sup>4</sup></b>												
Urban	— (†)	— (†)	26.8 (1.50)	27.5 (2.32)	25.6 (1.23)	23.4 (1.65)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)
Suburban	— (†)	— (†)	27.0 (1.05)	26.1 (1.60)	22.5 (0.96)	22.8 (1.90)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)
Rural	— (†)	— (†)	21.9 (3.23)	28.0 (4.36)	26.2 (2.49)	19.9 (2.80)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)
<b>On school property<sup>5</sup></b>												
<b>Total</b>	<b>5.6 (0.65)</b>	<b>8.8 (0.59)</b>	<b>7.0 (0.52)</b>	<b>7.2 (0.73)</b>	<b>5.4 (0.37)</b>	<b>5.8 (0.68)</b>	<b>4.5 (0.32)</b>	<b>4.5 (0.46)</b>	<b>4.6 (0.35)</b>	<b>5.9 (0.39)</b>	— (†)	— (†)
<b>Sex</b>												
Male	7.8 (0.83)	11.9 (0.85)	9.0 (0.68)	10.1 (1.30)	8.0 (0.54)	7.6 (0.88)	6.0 (0.44)	5.9 (0.61)	6.3 (0.54)	7.5 (0.56)	— (†)	— (†)
Female	3.3 (0.48)	5.5 (0.72)	4.6 (0.56)	4.4 (0.40)	2.9 (0.28)	3.7 (0.48)	3.0 (0.31)	3.0 (0.39)	2.8 (0.32)	4.1 (0.32)	— (†)	— (†)
<b>Race/ethnicity<sup>2</sup></b>												
White	5.0 (0.72)	7.1 (0.62)	5.8 (0.69)	6.5 (0.84)	4.8 (0.45)	4.5 (0.66)	3.8 (0.41)	4.0 (0.63)	3.8 (0.38)	4.5 (0.42)	— (†)	— (†)
Black	7.3 (1.23)	12.3 (1.88)	9.1 (1.07)	7.2 (1.10)	6.1 (0.60)	6.6 (0.89)	4.9 (0.65)	5.0 (0.73)	5.6 (0.64)	6.7 (0.77)	— (†)	— (†)
Hispanic	7.5 (1.10)	12.9 (2.20)	10.4 (1.03)	10.7 (1.21)	7.4 (0.58)	8.2 (0.72)	7.7 (0.76)	5.4 (0.80)	6.5 (0.76)	7.7 (0.54)	— (†)	— (†)
Asian <sup>3</sup>	— (†)	— (†)	— (†)	4.3 (0.71)	4.7! (1.56)	4.3! (1.38)	‡ (†)	2.7! (1.06)	2.0 (0.54)	4.5 (1.34)	— (†)	— (†)
Pacific Islander <sup>3</sup>	— (†)	— (†)	— (†)	11.0 (3.21)	6.4! (2.46)	9.1! (3.17)	‡ (†)	13.4! (5.38)	9.0 (2.40)	12.5! (4.94)	— (†)	— (†)
American Indian/Alaska Native	‡ (†)	10.1! (3.39)	16.2! (5.56)	‡ (†)	21.5! (6.55)	11.4! (4.42)	9.2 (1.85)	8.2 (2.30)	2.9! (1.25)	20.9 (4.05)	— (†)	— (†)
Two or more races <sup>4</sup>	— (†)	— (†)	— (†)	7.8 (1.81)	5.2 (1.24)	11.4! (5.49)	3.6 (0.91)	3.6! (1.08)	5.4 (1.34)	8.1 (1.79)	— (†)	— (†)
<b>Grade</b>												
9th	4.4 (0.40)	8.7 (1.38)	8.1 (0.90)	6.6 (0.97)	5.5 (0.62)	6.6 (1.03)	5.0 (0.59)	4.0 (0.52)	4.3 (0.38)	5.4 (0.65)	— (†)	— (†)
10th	6.5 (0.94)	9.8 (0.87)	6.4 (0.73)	7.6 (1.14)	5.8 (0.51)	5.2 (0.70)	4.6 (0.54)	4.8 (0.60)	4.6 (0.50)	6.2 (0.63)	— (†)	— (†)
11th	6.5 (1.07)	8.6 (0.62)	7.9 (1.17)	7.0 (0.72)	5.1 (0.48)	5.6 (0.71)	4.1 (0.49)	4.1 (0.73)	5.0 (0.55)	6.2 (0.70)	— (†)	— (†)
12th	5.1 (0.78)	8.0 (1.15)	5.7 (0.61)	7.3 (1.14)	4.9 (0.71)	5.0 (0.75)	4.1 (0.45)	5.1 (0.73)	4.6 (0.49)	5.4 (0.39)	— (†)	— (†)
<b>Urbanicity<sup>4</sup></b>												
Urban	— (†)	— (†)	8.0 (1.11)	8.5 (1.03)	6.8 (0.56)	6.8 (1.05)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)
Suburban	— (†)	— (†)	7.0 (0.67)	6.4 (1.03)	4.7 (0.46)	6.0 (1.03)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)
Rural	— (†)	— (†)	4.9! (2.02)	8.1 (1.57)	5.3 (0.93)	3.9 (0.64)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)

—Not available.

†Not applicable.

!Interpret data with caution. The coefficient of variation (CV) for this estimate is between 30 and 50 percent.

‡Reporting standards not met. The coefficient of variation (CV) for this estimate is 50 percent or greater.

<sup>1</sup>The term “anywhere” is not used in the Youth Risk Behavior Survey (YRBS) questionnaire; students were simply asked how many times during the previous 30 days they had used marijuana.

<sup>2</sup>Race categories exclude persons of Hispanic ethnicity.

<sup>3</sup>Before 1999, Asian students and Pacific Islander students were not categorized separately, and students could not be classified as Two or more races. Because the response categories changed in 1999, caution should be used in comparing data on race from 1993, 1995, and 1997 with data from later years.

<sup>4</sup>Refers to the Standard Metropolitan Statistical Area (MSA) status of the respondent’s household as defined by the U.S. Census Bureau. Categories include “central city of an MSA (Urban),” “in MSA but not in central city (Suburban),” and “not MSA (Rural).”

<sup>5</sup>In the question about using marijuana at school, “on school property” was not defined for survey respondents. Data on marijuana use at school were not collected in 2013 and 2015.

SOURCE: Centers for Disease Control and Prevention, Division of Adolescent and School Health, Youth Risk Behavior Surveillance System (YRBSS), 1993 through 2015. (This table was prepared July 2016.)

**Table 232.50. Percentage distribution of students in grades 9–12, by number of times they reported using marijuana anywhere or on school property during the previous 30 days and selected student characteristics: Selected years, 2009 through 2015**

[Standard errors appear in parentheses]

Year and student characteristic	Anywhere (including on school property) <sup>1</sup>				On school property <sup>2</sup>			
	0 times	1 or 2 times	3 to 39 times	40 or more times	0 times	1 or 2 times	3 to 39 times	40 or more times
1	2	3	4	5	6	7	8	9
<b>2009</b>								
<b>Total</b> .....	<b>79.2 (0.70)</b>	<b>7.2 (0.30)</b>	<b>9.7 (0.37)</b>	<b>3.8 (0.27)</b>	<b>95.4 (0.35)</b>	<b>2.1 (0.16)</b>	<b>1.8 (0.18)</b>	<b>0.7 (0.10)</b>
Sex								
Male .....	76.6 (0.80)	6.8 (0.38)	10.8 (0.48)	5.8 (0.46)	93.7 (0.54)	2.6 (0.24)	2.6 (0.27)	1.1 (0.18)
Female .....	82.1 (0.87)	7.7 (0.39)	8.5 (0.56)	1.7 (0.20)	97.2 (0.32)	1.7 (0.19)	1.0 (0.21)	0.2 (0.06)
Race/ethnicity <sup>3</sup>								
White .....	79.3 (0.93)	7.4 (0.43)	9.6 (0.49)	3.7 (0.38)	96.2 (0.38)	1.9 (0.21)	1.4 (0.18)	0.5 (0.10)
Black .....	77.8 (1.44)	6.7 (0.62)	10.9 (0.90)	4.6 (0.68)	94.4 (0.64)	2.2 (0.31)	2.8 (0.44)	0.6! (0.24)
Hispanic .....	78.4 (1.04)	8.2 (0.57)	9.8 (0.71)	3.6 (0.37)	93.5 (0.76)	3.2 (0.43)	2.3 (0.39)	1.0 (0.22)
Asian .....	92.5 (1.40)	3.0 (0.69)	3.3 (0.85)	1.2! (0.55)	98.0 (0.54)	‡ (†)	1.1! (0.50)	‡ (†)
Pacific Islander .....	75.2 (5.50)	5.0! (1.61)	13.0 (2.95)	6.8! (2.56)	91.0 (2.40)	4.4! (1.59)	3.7! (1.58)	‡ (†)
American Indian/Alaska Native .....	68.4 (5.26)	6.7! (2.47)	19.6 (3.43)	5.3! (2.11)	97.1 (1.25)	‡ (†)	‡ (†)	# (†)
Two or more races .....	78.3 (2.33)	7.8 (1.40)	9.8 (1.51)	4.1! (1.27)	94.6 (1.34)	1.4! (0.51)	2.2! (0.90)	1.8! (0.66)
Grade								
9th .....	84.5 (0.97)	5.8 (0.55)	7.6 (0.55)	2.1 (0.29)	95.7 (0.38)	2.3 (0.22)	1.4 (0.21)	0.6 (0.15)
10th .....	78.9 (1.11)	7.9 (0.59)	9.6 (0.64)	3.6 (0.44)	95.4 (0.50)	1.9 (0.28)	2.1 (0.35)	0.6 (0.12)
11th .....	76.8 (1.52)	7.9 (0.66)	11.2 (0.89)	4.1 (0.42)	95.0 (0.55)	2.5 (0.37)	2.0 (0.31)	0.5 (0.12)
12th .....	75.4 (1.49)	7.7 (0.60)	10.9 (0.86)	6.0 (0.64)	95.4 (0.49)	1.9 (0.30)	1.9 (0.27)	0.8 (0.23)
<b>2011</b>								
<b>Total</b> .....	<b>76.9 (0.80)</b>	<b>7.4 (0.30)</b>	<b>10.9 (0.42)</b>	<b>4.8 (0.30)</b>	<b>94.1 (0.39)</b>	<b>2.8 (0.22)</b>	<b>2.3 (0.21)</b>	<b>0.7 (0.09)</b>
Sex								
Male .....	74.1 (1.01)	7.1 (0.40)	11.8 (0.57)	7.0 (0.47)	92.5 (0.56)	3.1 (0.28)	3.2 (0.31)	1.2 (0.17)
Female .....	79.9 (0.95)	7.7 (0.48)	9.9 (0.56)	2.4 (0.26)	95.9 (0.32)	2.5 (0.21)	1.4 (0.19)	0.2 (0.04)
Race/ethnicity <sup>3</sup>								
White .....	78.3 (1.09)	6.9 (0.42)	10.2 (0.59)	4.6 (0.44)	95.5 (0.42)	2.2 (0.26)	1.9 (0.23)	0.4 (0.09)
Black .....	74.9 (1.35)	7.9 (0.69)	12.5 (0.81)	4.7 (0.63)	93.3 (0.77)	3.2 (0.43)	2.8 (0.52)	0.7 (0.18)
Hispanic .....	75.6 (1.27)	8.3 (0.59)	11.5 (0.67)	4.7 (0.46)	92.3 (0.54)	3.6 (0.26)	3.1 (0.40)	1.0 (0.21)
Asian .....	86.4 (3.75)	‡ (†)	5.5 (0.96)	3.2! (1.34)	95.5 (1.34)	2.4! (1.15)	‡ (†)	1.5! (0.70)
Pacific Islander .....	68.9 (7.08)	11.3 (3.34)	13.2! (5.20)	6.6! (2.27)	87.5 (4.94)	5.6! (2.24)	‡ (†)	‡ (†)
American Indian/Alaska Native .....	52.6 (3.20)	10.5 (2.82)	23.6 (2.57)	13.2 (1.81)	79.1 (4.05)	8.6 (2.18)	9.8 (1.79)	2.5 (0.67)
Two or more races .....	73.2 (2.10)	7.2 (1.20)	12.9 (1.44)	6.7 (1.33)	91.9 (1.79)	3.7 (0.98)	2.4! (0.86)	2.0! (0.69)
Grade								
9th .....	82.0 (1.11)	6.2 (0.47)	8.2 (0.63)	3.6 (0.42)	94.6 (0.65)	2.7 (0.41)	2.2 (0.33)	0.5 (0.11)
10th .....	78.4 (1.15)	7.4 (0.60)	10.0 (0.65)	4.3 (0.50)	93.8 (0.63)	3.2 (0.38)	2.3 (0.40)	0.7 (0.16)
11th .....	74.5 (1.44)	8.0 (0.59)	12.9 (0.82)	4.5 (0.50)	93.8 (0.70)	3.2 (0.47)	2.3 (0.35)	0.7 (0.16)
12th .....	72.0 (1.08)	8.3 (0.59)	13.0 (0.69)	6.7 (0.53)	94.6 (0.39)	2.2 (0.30)	2.4 (0.30)	0.8 (0.18)
<b>2013<sup>4</sup></b>								
<b>Total</b> .....	<b>76.6 (1.08)</b>	<b>7.1 (0.42)</b>	<b>11.3 (0.68)</b>	<b>5.0 (0.39)</b>	<b>— (†)</b>	<b>— (†)</b>	<b>— (†)</b>	<b>— (†)</b>
Sex								
Male .....	75.0 (1.14)	6.5 (0.42)	12.0 (0.72)	6.5 (0.53)	— (†)	— (†)	— (†)	— (†)
Female .....	78.1 (1.28)	7.8 (0.59)	10.7 (0.77)	3.4 (0.36)	— (†)	— (†)	— (†)	— (†)
Race/ethnicity <sup>3</sup>								
White .....	79.6 (1.36)	6.3 (0.63)	9.7 (0.75)	4.4 (0.42)	— (†)	— (†)	— (†)	— (†)
Black .....	71.1 (1.30)	8.2 (0.52)	14.3 (0.90)	6.3 (0.71)	— (†)	— (†)	— (†)	— (†)
Hispanic .....	72.4 (1.50)	8.6 (0.52)	13.4 (1.22)	5.6 (0.70)	— (†)	— (†)	— (†)	— (†)
Asian .....	83.6 (2.99)	4.1 (1.02)	7.6 (1.32)	4.7! (2.03)	— (†)	— (†)	— (†)	— (†)
Pacific Islander .....	76.6 (7.35)	4.9! (2.31)	17.1! (5.82)	‡ (†)	— (†)	— (†)	— (†)	— (†)
American Indian/Alaska Native .....	64.5 (6.37)	8.8! (2.70)	18.9 (4.54)	7.9! (2.77)	— (†)	— (†)	— (†)	— (†)
Two or more races .....	71.2 (2.55)	9.7 (1.36)	12.4 (1.45)	6.7 (1.29)	— (†)	— (†)	— (†)	— (†)
Grade								
9th .....	82.3 (1.13)	6.3 (0.59)	8.6 (0.70)	2.8 (0.38)	— (†)	— (†)	— (†)	— (†)
10th .....	76.5 (1.89)	7.2 (0.65)	11.3 (1.35)	5.0 (0.81)	— (†)	— (†)	— (†)	— (†)
11th .....	74.5 (1.37)	7.6 (0.68)	12.0 (0.85)	6.0 (0.56)	— (†)	— (†)	— (†)	— (†)
12th .....	72.3 (1.58)	7.6 (0.68)	13.8 (1.00)	6.4 (0.63)	— (†)	— (†)	— (†)	— (†)

See notes at end of table.

**Table 232.50. Percentage distribution of students in grades 9–12, by number of times they reported using marijuana anywhere or on school property during the previous 30 days and selected student characteristics: Selected years, 2009 through 2015—Continued**  
[Standard errors appear in parentheses]

Year and student characteristic	Anywhere (including on school property) <sup>1</sup>				On school property <sup>2</sup>			
	0 times	1 or 2 times	3 to 39 times	40 or more times	0 times	1 or 2 times	3 to 39 times	40 or more times
1	2	3	4	5	6	7	8	9
<b>2015<sup>4</sup></b>								
<b>Total</b> .....	<b>78.3 (1.22)</b>	<b>7.0 (0.37)</b>	<b>10.4 (0.81)</b>	<b>4.2 (0.40)</b>	— (†)	— (†)	— (†)	— (†)
<b>Sex</b>								
Male .....	76.8 (1.46)	6.4 (0.47)	11.4 (0.91)	5.5 (0.61)	— (†)	— (†)	— (†)	— (†)
Female .....	79.9 (1.33)	7.6 (0.44)	9.6 (0.87)	2.9 (0.31)	— (†)	— (†)	— (†)	— (†)
<b>Race/ethnicity<sup>3</sup></b>								
White .....	80.1 (1.67)	6.9 (0.45)	9.6 (1.20)	3.5 (0.44)	— (†)	— (†)	— (†)	— (†)
Black .....	72.9 (1.57)	8.3 (1.14)	13.7 (1.06)	5.1 (0.99)	— (†)	— (†)	— (†)	— (†)
Hispanic .....	75.5 (1.49)	7.7 (0.64)	11.4 (0.84)	5.3 (0.62)	— (†)	— (†)	— (†)	— (†)
Asian .....	91.8 (1.58)	2.6! (0.87)	4.1 (0.87)	1.5! (0.72)	— (†)	— (†)	— (†)	— (†)
Pacific Islander .....	82.6 (4.88)	‡ (†)	5.5! (2.03)	‡ (†)	— (†)	— (†)	— (†)	— (†)
American Indian/Alaska Native .....	73.1 (5.20)	6.3! (2.47)	12.1! (3.74)	‡ (†)	— (†)	— (†)	— (†)	— (†)
Two or more races .....	76.5 (2.18)	6.0 (1.08)	12.1 (1.58)	5.4 (1.10)	— (†)	— (†)	— (†)	— (†)
<b>Grade</b>								
9th .....	84.8 (0.98)	5.5 (0.56)	7.3 (0.56)	2.4 (0.34)	— (†)	— (†)	— (†)	— (†)
10th .....	80.0 (1.87)	6.1 (0.73)	10.0 (1.18)	3.9 (0.59)	— (†)	— (†)	— (†)	— (†)
11th .....	75.2 (1.27)	7.7 (0.55)	12.9 (1.13)	4.3 (0.55)	— (†)	— (†)	— (†)	— (†)
12th .....	72.4 (1.93)	8.9 (0.61)	12.2 (1.33)	6.4 (0.82)	— (†)	— (†)	— (†)	— (†)

—Not available.

†Not applicable.

#Rounds to zero.

!Interpret data with caution. The coefficient of variation (CV) for this estimate is between 30 and 50 percent.

‡Reporting standards not met. Either there are too few cases for a reliable estimate or the coefficient of variation (CV) is 50 percent or greater.

<sup>1</sup>The term “anywhere” is not used in the Youth Risk Behavior Survey (YRBS) questionnaire; students were simply asked how many times during the previous 30 days they had used marijuana.

<sup>2</sup>In the question about using marijuana at school, “on school property” was not defined for survey respondents.

<sup>3</sup>Race categories exclude persons of Hispanic ethnicity.

<sup>4</sup>Data on marijuana use at school were not collected in 2013 and 2015.

NOTE: Detail may not sum to totals because of rounding.

SOURCE: Centers for Disease Control and Prevention, Division of Adolescent and School Health, Youth Risk Behavior Surveillance System (YRBSS), 2009 through 2015. (This table was prepared July 2016.)

**Table 232.60. Percentage of public school students in grades 9–12 who reported using marijuana at least one time during the previous 30 days, by location and state or jurisdiction: Selected years, 2005 through 2015**

[Standard errors appear in parentheses]

State or jurisdiction	Anywhere (including on school property) <sup>1</sup>						On school property <sup>2</sup>					
	2005	2007	2009	2011	2013	2015	2005	2007	2009	2011	2013	2015
1	2	3	4	5	6	7	8	9	10	11	12	13
<b>United States<sup>3</sup></b> .....	<b>20.2 (0.84)</b>	<b>19.7 (0.97)</b>	<b>20.8 (0.70)</b>	<b>23.1 (0.80)</b>	<b>23.4 (1.08)</b>	<b>21.7 (1.22)</b>	<b>4.5 (0.32)</b>	<b>4.5 (0.46)</b>	<b>4.6 (0.35)</b>	<b>5.9 (0.39)</b>	— (†)	— (†)
Alabama .....	18.5 (1.49)	— (†)	16.2 (1.28)	20.8 (1.62)	19.2 (1.46)	17.3 (1.08)	3.5 (0.80)	— (†)	4.6 (0.81)	4.0 (0.68)	— (†)	— (†)
Alaska .....	— (†)	20.5 (1.47)	22.7 (1.65)	21.2 (1.68)	19.7 (1.35)	19.0 (1.15)	— (†)	5.9 (0.70)	5.9 (0.69)	4.3 (0.59)	— (†)	— (†)
Arizona .....	20.0 (1.08)	22.0 (1.38)	23.7 (1.90)	22.9 (1.59)	23.5 (1.75)	23.3 (1.98)	5.1 (0.63)	6.1 (0.68)	6.4 (0.74)	5.6 (0.75)	— (†)	— (†)
Arkansas .....	18.9 (1.70)	16.4 (1.08)	17.8 (1.24)	16.8 (1.72)	19.0 (0.98)	17.8 (0.95)	4.1 (0.61)	2.8 (0.50)	4.5 (1.02)	3.9 (0.78)	— (†)	— (†)
California .....	— (†)	— (†)	— (†)	— (†)	— (†)	22.9 (2.19)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)
Colorado .....	22.7 (2.99)	— (†)	24.8 (2.22)	22.0 (1.16)	— (†)	— (†)	6.0 (0.88)	— (†)	6.1 (0.89)	6.0 (0.77)	— (†)	— (†)
Connecticut .....	23.1 (1.37)	23.2 (1.35)	21.8 (1.52)	24.2 (1.44)	26.1 (1.44)	20.4 (1.41)	5.1 (0.49)	5.9 (0.77)	6.2 (0.76)	5.2 (0.68)	— (†)	— (†)
Delaware .....	22.8 (1.12)	25.1 (1.03)	25.8 (1.30)	27.6 (1.37)	25.6 (1.17)	23.3 (1.61)	5.6 (0.57)	5.4 (0.53)	5.6 (0.71)	6.1 (0.65)	— (†)	— (†)
District of Columbia .....	14.5 (1.08)	20.8 (1.33)	— (†)	26.1 (1.29)	32.2 (0.58)	28.7 (0.48)	4.8 (0.62)	5.8 (0.66)	— (†)	7.9 (0.91)	— (†)	— (†)
Florida .....	16.8 (0.86)	18.9 (0.88)	21.4 (0.72)	22.5 (0.86)	22.0 (0.81)	21.5 (0.79)	4.0 (0.31)	4.7 (0.40)	5.2 (0.39)	6.3 (0.39)	— (†)	— (†)
Georgia .....	18.9 (1.59)	19.6 (0.96)	18.3 (1.02)	21.2 (1.23)	20.3 (1.64)	— (†)	3.3 (0.58)	3.6 (0.58)	3.4 (0.62)	5.6 (0.70)	— (†)	— (†)
Hawaii .....	17.2 (1.73)	15.7 (1.78)	22.1 (2.03)	22.0 (1.32)	18.9 (1.54)	19.4 (0.98)	7.2 (1.14)	5.7 (0.85)	8.3 (1.86)	7.6 (0.67)	— (†)	— (†)
Idaho .....	17.1 (1.32)	17.9 (1.73)	13.7 (1.07)	18.8 (1.76)	15.3 (1.10)	17.1 (1.55)	3.9 (0.61)	4.7 (0.80)	3.0 (0.44)	4.9 (0.73)	— (†)	— (†)
Illinois .....	— (†)	20.3 (1.38)	21.0 (1.53)	23.1 (1.59)	24.0 (1.70)	18.7 (1.47)	— (†)	4.2 (0.76)	5.0 (0.77)	4.7 (0.50)	— (†)	— (†)
Indiana .....	18.9 (1.38)	18.9 (1.19)	20.9 (1.83)	20.0 (1.13)	— (†)	16.4 (1.17)	3.4 (0.57)	4.1 (0.45)	4.4 (0.62)	3.3 (0.66)	— (†)	— (†)
Iowa .....	15.6 (1.74)	11.5 (1.53)	— (†)	14.6 (1.99)	— (†)	— (†)	2.7 (0.64)	2.5 (0.66)	— (†)	3.4 (0.88)	— (†)	— (†)
Kansas .....	15.6 (1.46)	15.3 (0.93)	14.7 (1.19)	16.8 (0.87)	14.3 (1.19)	— (†)	3.2 (0.51)	3.8 (0.53)	2.7 (0.35)	2.9 (0.53)	— (†)	— (†)
Kentucky .....	15.8 (1.19)	16.4 (1.07)	16.1 (1.15)	19.2 (1.47)	17.7 (1.50)	17.2 (1.34)	3.2 (0.45)	3.9 (0.44)	3.1 (0.54)	4.2 (0.65)	— (†)	— (†)
Louisiana .....	— (†)	— (†)	16.3 (1.29)	16.8 (1.02)	17.5 (1.38)	— (†)	— (†)	— (†)	3.6 (0.89)	4.1 (0.59)	— (†)	— (†)
Maine .....	22.2 (2.13)	22.0 (1.55)	20.5 (0.57)	21.2 (0.72)	21.3 (0.89)	19.9 (0.58)	4.6 (0.72)	5.2 (0.65)	— (†)	— (†)	— (†)	— (†)
Maryland .....	18.5 (2.25)	19.4 (1.91)	21.9 (1.57)	23.2 (1.51)	19.8 (0.36)	18.8 (0.32)	3.7 (0.82)	4.7 (1.13)	5.0 (0.65)	5.7 (0.70)	— (†)	— (†)
Massachusetts .....	26.2 (1.22)	24.6 (1.43)	27.1 (1.24)	27.9 (1.31)	24.8 (0.92)	24.5 (1.42)	5.3 (0.54)	4.8 (0.44)	5.9 (0.79)	6.3 (0.51)	— (†)	— (†)
Michigan .....	18.8 (1.29)	18.0 (1.10)	20.7 (0.91)	18.6 (1.15)	18.2 (0.73)	19.3 (1.51)	3.7 (0.50)	4.0 (0.57)	4.8 (0.59)	3.3 (0.44)	— (†)	— (†)
Minnesota .....	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)
Mississippi .....	— (†)	16.7 (1.02)	17.7 (1.21)	17.5 (1.18)	17.7 (1.28)	19.7 (1.24)	— (†)	2.7 (0.35)	2.5 (0.46)	3.2 (0.58)	— (†)	— (†)
Missouri .....	18.1 (2.23)	19.0 (1.23)	20.6 (2.02)	— (†)	20.5 (1.69)	16.3 (1.34)	4.0 (0.82)	3.6 (0.63)	3.4 (0.48)	— (†)	— (†)	— (†)
Montana .....	22.3 (1.43)	21.0 (1.44)	23.1 (1.58)	21.2 (1.50)	21.0 (1.18)	19.5 (1.10)	6.1 (0.70)	5.0 (0.49)	5.8 (0.67)	5.5 (0.59)	— (†)	— (†)
Nebraska .....	17.5 (1.05)	— (†)	— (†)	12.7 (1.06)	11.7 (1.10)	13.7 (1.60)	3.1 (0.41)	— (†)	— (†)	2.7 (0.43)	— (†)	— (†)
Nevada .....	17.3 (1.34)	15.5 (1.07)	20.0 (1.36)	— (†)	18.7 (1.57)	19.3 (1.50)	5.7 (0.81)	3.6 (0.55)	4.9 (0.53)	— (†)	— (†)	— (†)
New Hampshire .....	25.9 (1.69)	22.9 (1.39)	25.6 (1.86)	28.4 (1.82)	24.4 (1.36)	22.2 (0.76)	— (†)	4.7 (0.64)	6.8 (0.78)	7.3 (0.87)	— (†)	— (†)
New Jersey .....	19.9 (2.18)	— (†)	20.3 (1.53)	21.1 (1.33)	21.0 (1.20)	— (†)	3.4 (0.67)	— (†)	— (†)	— (†)	— (†)	— (†)
New Mexico .....	26.2 (2.00)	25.0 (2.07)	28.0 (1.52)	27.6 (1.58)	27.8 (1.70)	25.3 (0.88)	8.4 (0.98)	7.9 (0.86)	9.7 (1.06)	9.7 (0.84)	— (†)	— (†)
New York .....	18.3 (1.13)	18.6 (0.78)	20.9 (1.32)	20.6 (1.07)	21.4 (1.04)	19.3 (1.23)	3.6 (0.41)	4.1 (0.44)	— (†)	— (†)	— (†)	— (†)
North Carolina .....	21.4 (1.61)	19.1 (1.27)	19.8 (1.67)	24.2 (1.25)	23.2 (1.83)	22.3 (1.15)	4.1 (0.65)	4.3 (0.54)	4.0 (0.63)	5.2 (0.91)	— (†)	— (†)
North Dakota .....	15.5 (1.62)	14.8 (1.18)	16.9 (1.55)	15.3 (1.52)	15.9 (1.26)	15.2 (1.12)	4.0 (0.71)	2.7 (0.43)	3.8 (0.59)	3.4 (0.45)	— (†)	— (†)
Ohio <sup>4</sup> .....	20.9 (1.79)	17.7 (1.50)	— (†)	23.6 (1.95)	20.7 (2.30)	— (†)	4.3 (0.62)	3.7 (0.67)	— (†)	— (†)	— (†)	— (†)
Oklahoma .....	18.7 (1.12)	15.9 (1.37)	17.2 (2.04)	19.1 (1.90)	16.3 (1.57)	17.5 (1.79)	3.0 (0.38)	2.6 (0.40)	2.9 (0.70)	2.4 (0.58)	— (†)	— (†)
Oregon .....	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)
Pennsylvania .....	— (†)	— (†)	19.3 (1.43)	— (†)	— (†)	18.2 (1.17)	— (†)	— (†)	3.5 (0.58)	— (†)	— (†)	— (†)
Rhode Island .....	25.0 (1.16)	23.2 (1.85)	26.3 (1.33)	26.3 (1.35)	23.9 (1.92)	23.6 (0.73)	7.2 (0.65)	6.5 (0.93)	5.1 (0.60)	— (†)	— (†)	— (†)
South Carolina .....	19.0 (1.24)	18.6 (1.44)	20.4 (1.56)	24.1 (1.99)	19.7 (1.22)	17.8 (1.70)	4.6 (0.64)	3.3 (0.52)	3.7 (0.63)	5.2 (0.75)	— (†)	— (†)
South Dakota <sup>5</sup> .....	16.8 (1.87)	17.7 (3.72)	15.2 (1.36)	17.8 (3.57)	16.1 (3.01)	12.4 (2.21)	2.9 (0.73)	5.0 (2.41)	2.9 (0.49)	— (†)	— (†)	— (†)
Tennessee .....	19.5 (1.38)	19.4 (1.29)	20.1 (1.31)	20.6 (0.96)	21.4 (1.70)	— (†)	3.5 (0.67)	4.1 (0.60)	3.8 (0.65)	3.6 (0.40)	— (†)	— (†)
Texas .....	21.7 (0.99)	19.3 (1.01)	19.5 (0.71)	20.8 (1.30)	20.5 (1.26)	— (†)	3.8 (0.52)	3.6 (0.30)	4.6 (0.51)	4.8 (0.47)	— (†)	— (†)
Utah .....	7.6 (1.18)	8.7 (2.00)	10.0 (1.53)	9.6 (1.26)	7.6 (0.79)	— (†)	1.7 (0.42)	3.8 (1.24)	2.5 (0.48)	4.0 (0.72)	— (†)	— (†)
Vermont <sup>6</sup> .....	25.3 (1.59)	24.1 (0.88)	24.6 (1.14)	24.4 (1.43)	25.7 (0.83)	22.4 (0.29)	7.0 (0.80)	6.3 (0.63)	6.3 (0.57)	6.0 (0.84)	— (†)	— (†)
Virginia .....	— (†)	— (†)	— (†)	18.0 (1.79)	17.9 (0.85)	16.2 (0.96)	— (†)	— (†)	— (†)	3.5 (0.70)	— (†)	— (†)
Washington .....	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)
West Virginia .....	19.6 (1.70)	23.5 (1.05)	20.3 (1.73)	19.7 (1.61)	18.9 (1.39)	16.5 (1.65)	4.9 (0.85)	5.8 (0.97)	3.9 (0.37)	3.0 (0.45)	— (†)	— (†)
Wisconsin .....	15.9 (1.07)	20.3 (1.30)	18.9 (1.64)	21.6 (1.78)	17.3 (1.12)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)
Wyoming .....	17.8 (1.05)	14.4 (0.79)	16.9 (0.91)	18.5 (1.23)	17.8 (0.81)	18.3 (1.55)	4.0 (0.43)	4.7 (0.52)	5.3 (0.45)	4.7 (0.44)	— (†)	— (†)
Puerto Rico .....	6.8 (0.66)	— (†)	— (†)	4.6 (0.71)	4.8 (0.55)	6.0 (0.54)	2.5 (0.37)	— (†)	— (†)	1.6 (0.36)	— (†)	— (†)

—Not available.

†Not applicable.

‡Interpret data with caution. The coefficient of variation (CV) for this estimate is between 30 and 50 percent.

<sup>1</sup>The term “anywhere” is not used in the Youth Risk Behavior Survey (YRBS) questionnaire; students were simply asked how many times during the previous 30 days they had used marijuana.

<sup>2</sup>In the question about using marijuana at school, “on school property” was not defined for survey respondents. Data on marijuana use at school were not collected in 2013 and 2015.

<sup>3</sup>For the U.S. total, data for all years include both public and private schools and were collected through a national survey representing the entire country. The U.S. total includes only the 50 states and the District of Columbia.

<sup>4</sup>Ohio data for 2005 through 2013 include both public and private schools.

<sup>5</sup>South Dakota data for all years include both public and private schools.

<sup>6</sup>Vermont data for 2013 include both public and private schools.

NOTE: For the U.S. total, data for all years include both public and private schools. State-level data include public schools only, except where otherwise noted. For three states, data for one or more years include both public and private schools: Ohio (2005 through 2013), South Dakota (all years), and Vermont (2013 only). For specific states, a given year's data may be unavailable (1) because the state did not participate in the survey that year; (2) because the state omitted this particular survey item from the state-level questionnaire; or (3) because the state had an overall response rate of less than 60 percent (the overall response rate is the school response rate multiplied by the student response rate).

SOURCE: Centers for Disease Control and Prevention, Division of Adolescent and School Health, Youth Risk Behavior Surveillance System (YRBSS), 2005 through 2015. (This table was prepared October 2017.)

**Table 232.70. Percentage of students in grades 9–12 who reported that illegal drugs were made available to them on school property during the previous 12 months, by selected student characteristics: Selected years, 1993 through 2015**

[Standard errors appear in parentheses]

Student characteristic	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2015
1	2	3	4	5	6	7	8	9	10	11	12	13
<b>Total</b> .....	<b>24.0 (1.33)</b>	<b>32.1 (1.55)</b>	<b>31.7 (0.90)</b>	<b>30.2 (1.23)</b>	<b>28.5 (1.01)</b>	<b>28.7 (1.95)</b>	<b>25.4 (1.05)</b>	<b>22.3 (1.04)</b>	<b>22.7 (1.04)</b>	<b>25.6 (0.99)</b>	<b>22.1 (0.96)</b>	<b>21.7 (1.18)</b>
<b>Sex</b>												
Male .....	28.5 (1.50)	38.8 (1.73)	37.4 (1.19)	34.7 (1.69)	34.6 (1.20)	31.9 (2.07)	28.8 (1.23)	25.7 (1.15)	25.9 (1.36)	29.2 (1.10)	24.5 (1.21)	24.2 (1.29)
Female .....	19.1 (1.31)	24.8 (1.43)	24.7 (1.22)	25.7 (1.26)	22.7 (1.03)	25.0 (1.92)	21.8 (1.03)	18.7 (1.16)	19.3 (1.01)	21.7 (1.17)	19.7 (0.89)	19.1 (1.29)
<b>Race/ethnicity<sup>1</sup></b>												
White .....	24.1 (1.69)	31.7 (2.24)	31.0 (1.36)	28.8 (1.50)	28.3 (1.31)	27.5 (2.68)	23.6 (1.32)	20.8 (1.23)	19.8 (1.13)	22.7 (0.96)	20.4 (1.11)	19.8 (1.66)
Black .....	17.5 (1.49)	28.5 (1.98)	25.4 (1.69)	25.3 (2.03)	21.9 (1.72)	23.1 (1.42)	23.9 (2.22)	19.2 (1.36)	22.2 (1.42)	22.8 (1.82)	18.6 (1.11)	20.6 (2.54)
Hispanic .....	34.1 (1.58)	40.7 (2.45)	41.1 (2.04)	36.9 (2.10)	34.2 (1.17)	36.5 (1.91)	33.5 (1.18)	29.1 (1.94)	31.2 (1.53)	33.2 (1.70)	27.4 (1.42)	27.2 (1.25)
Asian <sup>2</sup> .....	— (†)	— (†)	— (†)	25.7 (2.65)	25.7 (2.92)	22.5 (3.71)	15.9 (2.68)	21.0 (2.78)	18.3 (2.03)	23.3 (2.46)	22.6 (2.57)	15.3 (2.42)
Pacific Islander <sup>2</sup> .....	— (†)	— (†)	— (†)	46.9 (4.33)	50.2 (5.73)	34.7 (6.19)	41.3 (5.75)	38.5 (5.45)	27.6 (5.10)	38.9 (5.01)	27.7 (3.68)	30.1! (9.25)
American Indian/Alaska Native .....	20.9 (4.55)	22.8 (4.78)	30.1 (4.54)	30.6 (5.90)	34.5 (5.15)	31.3 (5.64)	24.4 (3.57)	25.1 (2.04)	34.0 (4.81)	40.5 (2.80)	25.5 (4.10)	19.8 (3.87)
Two or more races <sup>2</sup> .....	— (†)	— (†)	— (†)	36.0 (2.72)	34.5 (3.22)	36.6 (3.99)	31.6 (3.13)	24.6 (3.55)	26.9 (2.62)	33.3 (2.79)	26.4 (2.67)	24.7 (2.45)
<b>Grade</b>												
9th .....	21.8 (1.24)	31.1 (1.69)	31.4 (2.33)	27.6 (2.51)	29.0 (1.59)	29.5 (2.39)	24.0 (1.21)	21.2 (1.23)	22.0 (1.32)	23.7 (1.22)	22.4 (1.15)	21.6 (1.28)
10th .....	23.7 (1.86)	35.0 (1.54)	33.4 (1.71)	32.1 (1.94)	29.0 (1.39)	29.2 (2.02)	27.5 (1.68)	25.3 (1.29)	23.7 (1.11)	27.8 (1.21)	23.2 (1.54)	21.9 (1.96)
11th .....	27.5 (1.61)	32.8 (1.88)	33.2 (1.42)	31.1 (2.16)	28.7 (1.39)	29.9 (2.33)	24.9 (1.03)	22.8 (1.42)	24.3 (1.44)	27.0 (1.51)	23.2 (1.32)	22.7 (1.42)
12th .....	23.0 (1.82)	29.1 (2.63)	29.0 (1.80)	30.5 (1.11)	26.9 (1.30)	24.9 (2.24)	24.9 (1.40)	19.6 (1.26)	20.6 (1.21)	23.8 (1.13)	18.8 (1.11)	20.3 (1.41)
<b>Urbanicity<sup>3</sup></b>												
Urban .....	— (†)	— (†)	31.2 (1.11)	30.3 (1.50)	32.0 (1.36)	31.1 (2.12)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)
Suburban .....	— (†)	— (†)	34.2 (0.94)	29.7 (1.87)	26.6 (1.34)	28.4 (2.16)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)
Rural .....	— (†)	— (†)	22.7 (1.91)	32.1 (5.76)	28.2 (3.10)	26.2 (5.08)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)

—Not available.

†Not applicable.

!Interpret data with caution. The coefficient of variation (CV) for this estimate is between 30 and 50 percent.

<sup>1</sup>Race categories exclude persons of Hispanic ethnicity.

<sup>2</sup>Before 1999, Asian students and Pacific Islander students were not categorized separately, and students could not be classified as Two or more races. Because the response categories changed in 1999, caution should be used in comparing data on race from 1993, 1995, and 1997 with data from later years.

<sup>3</sup>Refers to the Standard Metropolitan Statistical Area (MSA) status of the respondent's household as defined by the U.S. Census Bureau. Categories include "central city of an MSA (Urban)," "in MSA but not in central city (Suburban)," and "not MSA (Rural)."

NOTE: "On school property" was not defined for survey respondents.

SOURCE: Centers for Disease Control and Prevention, Division of Adolescent and School Health, Youth Risk Behavior Surveillance System (YRBSS), 1993 through 2015. (This table was prepared June 2016.)

**Table 232.80. Percentage of public school students in grades 9–12 who reported that illegal drugs were made available to them on school property during the previous 12 months, by state or jurisdiction: Selected years, 2003 through 2015**

[Standard errors appear in parentheses]

State or jurisdiction	2003		2005		2007		2009		2011		2013		2015	
1	2		3		4		5		6		7		8	
<b>United States<sup>1</sup></b>	<b>28.7</b>	<b>(1.95)</b>	<b>25.4</b>	<b>(1.05)</b>	<b>22.3</b>	<b>(1.04)</b>	<b>22.7</b>	<b>(1.04)</b>	<b>25.6</b>	<b>(0.99)</b>	<b>22.1</b>	<b>(0.96)</b>	<b>21.7</b>	<b>(1.18)</b>
Alabama	26.0	(1.78)	26.2	(1.90)	—	(†)	27.6	(1.30)	20.3	(1.32)	25.3	(1.11)	24.8	(1.68)
Alaska	28.4	(1.24)	—	(†)	25.1	(1.36)	24.8	(1.25)	23.2	(0.98)	—	(†)	—	(†)
Arizona	28.6	(1.23)	38.7	(1.18)	37.1	(1.45)	34.6	(1.43)	34.6	(1.55)	31.3	(1.46)	29.3	(1.35)
Arkansas	—	(†)	29.2	(1.35)	28.1	(1.28)	31.4	(1.56)	26.1	(1.30)	27.4	(1.28)	27.1	(1.57)
California	—	(†)	—	(†)	—	(†)	—	(†)	—	(†)	—	(†)	26.1	(1.83)
Colorado	—	(†)	21.2	(1.81)	—	(†)	22.7	(1.52)	17.2	(1.28)	—	(†)	—	(†)
Connecticut	—	(†)	31.5	(0.90)	30.5	(1.52)	28.9	(1.25)	27.8	(1.43)	27.1	(0.85)	28.5	(1.32)
Delaware	27.9	(0.90)	26.1	(1.05)	22.9	(0.99)	20.9	(0.87)	23.1	(1.20)	19.1	(0.83)	15.6	(0.84)
District of Columbia	30.2	(1.46)	20.3	(1.18)	25.7	(1.20)	—	(†)	22.6	(1.53)	—	(†)	—	(†)
Florida	25.7	(0.81)	23.2	(0.85)	19.0	(0.80)	21.8	(0.72)	22.9	(0.84)	20.0	(0.64)	18.4	(0.69)
Georgia	33.3	(1.00)	30.7	(1.25)	32.0	(1.23)	32.9	(1.22)	32.1	(1.34)	26.5	(1.32)	—	(†)
Hawaii	—	(†)	32.7	(1.74)	36.2	(2.46)	36.1	(1.51)	31.7	(1.48)	31.2	(0.99)	25.4	(0.98)
Idaho	19.6	(1.26)	24.8	(1.52)	25.1	(1.63)	22.7	(1.39)	24.4	(1.56)	22.1	(1.31)	21.5	(1.39)
Illinois	—	(†)	—	(†)	21.2	(1.18)	27.5	(1.97)	27.3	(1.46)	27.2	(1.06)	25.6	(1.55)
Indiana	28.3	(1.55)	28.9	(1.33)	20.5	(1.02)	25.5	(1.24)	28.3	(1.33)	—	(†)	22.5	(1.13)
Iowa	—	(†)	15.5	(1.37)	10.1	(1.08)	—	(†)	11.9	(1.16)	—	(†)	—	(†)
Kansas	—	(†)	16.7	(1.27)	15.0	(1.24)	15.1	(0.78)	24.9	(1.19)	19.4	(1.06)	—	(†)
Kentucky	30.4	(1.51)	19.8	(1.23)	27.0	(1.11)	25.6	(1.49)	24.4	(1.40)	20.6	(1.15)	20.9	(1.27)
Louisiana	—	(†)	—	(†)	—	(†)	22.8	(1.66)	25.1	(1.82)	—	(†)	—	(†)
Maine	32.6	(1.73)	33.5	(1.89)	29.1	(1.67)	21.2	(0.51)	21.7	(0.80)	18.4	(0.87)	14.7	(0.56)
Maryland	—	(†)	28.9	(2.04)	27.4	(1.46)	29.3	(1.35)	30.4	(1.99)	29.1	(0.37)	26.2	(0.28)
Massachusetts	31.9	(1.08)	29.9	(1.09)	27.3	(1.06)	26.1	(1.34)	27.1	(1.04)	23.0	(0.90)	20.3	(0.84)
Michigan	31.3	(1.50)	28.8	(1.37)	29.1	(1.07)	29.5	(0.90)	25.4	(0.90)	23.8	(0.94)	25.4	(1.75)
Minnesota	—	(†)	—	(†)	—	(†)	—	(†)	—	(†)	—	(†)	—	(†)
Mississippi	22.3	(1.31)	—	(†)	15.6	(1.53)	18.0	(1.07)	15.9	(0.89)	12.1	(1.00)	23.7	(1.40)
Missouri	21.6	(2.09)	18.2	(1.92)	17.8	(1.49)	17.3	(1.32)	—	(†)	—	(†)	—	(†)
Montana	26.9	(1.23)	25.3	(1.09)	24.9	(0.83)	20.7	(1.10)	25.2	(0.93)	22.8	(0.71)	21.7	(0.77)
Nebraska	23.3	(1.04)	22.0	(0.82)	—	(†)	—	(†)	20.3	(1.01)	19.2	(1.15)	19.9	(1.57)
Nevada	34.5	(1.30)	32.6	(1.53)	28.8	(1.39)	35.6	(1.30)	—	(†)	31.2	(1.90)	29.8	(1.50)
New Hampshire	28.2	(1.87)	26.9	(1.40)	22.5	(1.25)	22.1	(1.44)	23.2	(1.44)	20.1	(1.03)	16.6	(0.48)
New Jersey	—	(†)	32.6	(1.32)	—	(†)	32.2	(1.38)	27.3	(1.41)	30.7	(1.70)	—	(†)
New Mexico	—	(†)	33.5	(1.37)	31.3	(1.39)	30.9	(1.54)	34.5	(1.24)	32.8	(1.04)	27.5	(0.82)
New York	23.0	(0.97)	23.7	(0.76)	26.6	(1.09)	24.0	(1.05)	—	(†)	—	(†)	—	(†)
North Carolina	31.9	(1.74)	27.4	(1.66)	28.5	(1.37)	30.2	(1.51)	29.8	(1.87)	23.6	(1.61)	24.5	(1.67)
North Dakota	21.3	(1.07)	19.6	(1.10)	18.7	(1.05)	19.5	(1.16)	20.8	(1.03)	14.1	(0.79)	18.2	(0.91)
Ohio <sup>2</sup>	31.1	(1.68)	30.9	(1.88)	26.7	(1.26)	—	(†)	24.3	(1.70)	19.9	(1.41)	—	(†)
Oklahoma	22.2	(1.23)	18.4	(1.49)	19.1	(1.12)	16.8	(1.50)	17.2	(1.36)	14.0	(1.07)	15.0	(1.12)
Oregon	—	(†)	—	(†)	—	(†)	—	(†)	—	(†)	—	(†)	—	(†)
Pennsylvania	—	(†)	—	(†)	—	(†)	16.1	(1.07)	—	(†)	—	(†)	19.4	(1.04)
Rhode Island	26.0	(1.26)	24.1	(1.11)	25.3	(1.33)	25.2	(1.52)	22.4	(0.95)	22.6	(1.16)	—	(†)
South Carolina	—	(†)	29.1	(1.45)	26.6	(1.58)	27.6	(1.74)	29.3	(1.83)	24.5	(1.43)	22.8	(1.36)
South Dakota <sup>3</sup>	22.1	(1.25)	20.9	(2.30)	21.1	(1.98)	17.7	(0.64)	16.0	(1.81)	15.4	(1.70)	19.0	(1.88)
Tennessee	24.3	(2.25)	26.6	(1.21)	21.6	(1.35)	18.8	(1.06)	16.6	(0.88)	24.8	(1.57)	—	(†)
Texas	—	(†)	30.7	(1.73)	26.5	(0.83)	25.9	(1.25)	29.4	(1.34)	26.4	(1.24)	—	(†)
Utah	24.7	(2.04)	20.6	(1.36)	23.2	(1.83)	19.7	(1.52)	21.4	(1.55)	20.0	(1.57)	—	(†)
Vermont <sup>4</sup>	29.4	(1.67)	23.1	(1.59)	22.0	(0.99)	21.1	(1.21)	17.6	(1.51)	—	(†)	18.1	(0.27)
Virginia	—	(†)	—	(†)	—	(†)	—	(†)	24.0	(1.67)	—	(†)	15.6	(0.75)
Washington	—	(†)	—	(†)	—	(†)	—	(†)	—	(†)	—	(†)	—	(†)
West Virginia	26.5	(2.06)	24.8	(1.36)	28.6	(2.76)	28.0	(1.27)	17.3	(1.04)	17.1	(1.16)	25.9	(1.49)
Wisconsin	26.3	(1.18)	21.7	(1.18)	22.7	(1.34)	20.5	(1.03)	20.9	(1.29)	18.3	(1.01)	—	(†)
Wyoming	18.1	(0.99)	22.7	(0.97)	24.7	(1.08)	23.7	(0.93)	25.2	(0.97)	20.2	(0.74)	22.0	(1.46)
Puerto Rico	—	(†)	18.3	(0.89)	—	(†)	—	(†)	18.7	(1.65)	18.3	(1.06)	18.6	(1.32)

—Not available.

†Not applicable.

<sup>1</sup>For the U.S. total, data for all years include both public and private schools and were collected through a national survey representing the entire country. The U.S. total includes only the 50 states and the District of Columbia.

<sup>2</sup>Ohio data for 2003 through 2013 include both public and private schools.

<sup>3</sup>South Dakota data for all years include both public and private schools.

<sup>4</sup>Vermont data for 2013 include both public and private schools.

NOTE: "On school property" was not defined for survey respondents. For the U.S. total, data for all years include both public and private schools. State-level data include public

schools only, except where otherwise noted. For three states, data for one or more years include both public and private schools: Ohio (2003 through 2013), South Dakota (all years), and Vermont (2013 only). For specific states, a given year's data may be unavailable (1) because the state did not participate in the survey that year; (2) because the state omitted this particular survey item from the state-level questionnaire; or (3) because the state had an overall response rate of less than 60 percent (the overall response rate is the school response rate multiplied by the student response rate).

SOURCE: Centers for Disease Control and Prevention, Division of Adolescent and School Health, Youth Risk Behavior Surveillance System (YRBSS), 2003 through 2015. (This table was prepared October 2017.)

**Table 232.95. Percentage of 12- to 17-year-olds reporting use of illicit drugs, alcohol, and cigarettes during the past 30 days and the past year, by substance used, sex, and race/ethnicity: Selected years, 1985 through 2016**

[Standard errors appear in parentheses]

Year, sex, and race/ethnicity	Percent reporting use during past 30 days					Percent reporting use during past year				
	Illicit drugs			Alcohol	Cigarettes	Illicit drugs			Alcohol	Cigarettes
	Any <sup>1</sup>	Marijuana	Cocaine			Any <sup>1</sup>	Marijuana	Cocaine		
1	2	3	4	5	6	7	8	9	10	11
1985 .....	13.2 (—)	10.2 (—)	1.5 (—)	41.2 (—)	29.4 (—)	20.7 (—)	16.7 (—)	3.4 (—)	52.7 (—)	29.9 (—)
1990 .....	7.1 (—)	4.4 (—)	0.6 (—)	32.5 (—)	22.4 (—)	14.1 (—)	9.6 (—)	1.9 (—)	41.8 (—)	26.2 (—)
1995 .....	10.9 (—)	8.2 (—)	0.8 (—)	21.1 (—)	20.2 (—)	18.0 (—)	14.2 (—)	1.7 (—)	35.1 (—)	26.6 (—)
1999 .....	9.8 (0.23)	7.2 (0.20)	0.5 (0.06)	16.5 (0.30)	14.9 (0.31)	19.8 (0.32)	14.2 (0.29)	1.6 (0.10)	34.1 (0.41)	23.4 (0.37)
2000 .....	9.7 (0.24)	7.2 (0.21)	0.6 (0.07)	16.4 (0.29)	13.4 (0.28)	18.6 (0.31)	13.4 (0.27)	1.7 (0.12)	33.0 (0.39)	20.8 (0.34)
2001 .....	10.8 (0.26)	8.0 (0.24)	0.4 (0.06)	17.3 (0.33)	13.0 (0.28)	20.8 (0.36)	15.2 (0.32)	1.5 (0.10)	33.9 (0.39)	20.0 (0.35)
2002 .....	11.6 (0.29)	8.2 (0.24)	0.6 (0.07)	17.6 (0.32)	13.0 (0.30)	22.2 (0.38)	15.8 (0.32)	2.1 (0.13)	34.6 (0.42)	20.3 (0.35)
2003 .....	11.2 (0.27)	7.9 (0.24)	0.6 (0.06)	17.7 (0.33)	12.2 (0.29)	21.8 (0.36)	15.0 (0.31)	1.8 (0.11)	34.3 (0.42)	19.0 (0.36)
2004 .....	10.6 (0.27)	7.6 (0.23)	0.5 (0.06)	17.6 (0.32)	11.9 (0.30)	21.0 (0.34)	14.5 (0.31)	1.6 (0.11)	33.9 (0.41)	18.4 (0.35)
2005 .....	9.9 (0.25)	6.8 (0.22)	0.6 (0.06)	16.5 (0.32)	10.8 (0.28)	19.9 (0.35)	13.3 (0.30)	1.7 (0.11)	33.3 (0.41)	17.3 (0.36)
2006 .....	9.8 (0.27)	6.7 (0.21)	0.4 (0.05)	16.6 (0.32)	10.4 (0.26)	19.6 (0.37)	13.2 (0.31)	1.6 (0.11)	32.9 (0.42)	17.0 (0.35)
2007 .....	9.5 (0.27)	6.7 (0.22)	0.4 (0.05)	15.9 (0.34)	9.8 (0.26)	18.7 (0.35)	12.5 (0.30)	1.5 (0.11)	31.8 (0.42)	15.7 (0.34)
2008 .....	9.3 (0.24)	6.7 (0.22)	0.4 (0.05)	14.6 (0.31)	9.1 (0.24)	19.0 (0.35)	13.0 (0.29)	1.2 (0.10)	30.8 (0.40)	15.0 (0.31)
2009 .....	10.0 (0.27)	7.3 (0.24)	0.3 (0.05)	14.7 (0.32)	8.9 (0.26)	19.5 (0.36)	13.6 (0.31)	1.0 (0.09)	30.3 (0.42)	15.0 (0.33)
2010 .....	10.1 (0.29)	7.4 (0.25)	0.2 (0.05)	13.6 (0.33)	8.4 (0.26)	19.5 (0.38)	14.0 (0.34)	1.0 (0.09)	28.7 (0.43)	14.2 (0.34)
2011 .....	10.1 (0.27)	7.9 (0.24)	0.3 (0.05)	13.3 (0.31)	7.8 (0.24)	19.0 (0.37)	14.2 (0.33)	0.9 (0.08)	27.8 (0.43)	13.2 (0.31)
2012 .....	9.5 (0.25)	7.2 (0.22)	0.1! (0.03)	12.9 (0.31)	6.6 (0.22)	17.9 (0.33)	13.5 (0.30)	0.7 (0.08)	26.3 (0.42)	11.8 (0.29)
2013 .....	8.8 (0.25)	7.1 (0.23)	0.2 (0.04)	11.6 (0.29)	5.6 (0.20)	17.2 (0.35)	13.4 (0.31)	0.5 (0.06)	24.6 (0.40)	10.3 (0.27)
2014 .....	9.4 (0.30)	7.4 (0.27)	0.2 (0.04)	11.5 (0.33)	4.9 (0.21)	17.4 (0.38)	13.1 (0.33)	0.7 (0.09)	24.0 (0.42)	8.9 (0.29)
2015 .....	8.8 (0.27)	7.0 (0.24)	0.2 (0.05)	9.6 (0.29)	4.2 (0.20)	17.5 (0.37)	12.6 (0.32)	0.6 (0.08)	22.7 (0.42)	8.1 (0.27)
Sex										
Male .....	8.8 (0.38)	7.5 (0.36)	0.3 (0.08)	9.3 (0.39)	4.6 (0.26)	16.8 (0.51)	12.9 (0.46)	0.7 (0.11)	22.0 (0.57)	8.1 (0.36)
Female .....	8.8 (0.40)	6.5 (0.34)	† (†)	9.9 (0.41)	3.8 (0.27)	18.1 (0.55)	12.3 (0.46)	0.5 (0.11)	23.5 (0.60)	8.2 (0.38)
Race/ethnicity										
White .....	8.9 (0.40)	7.3 (0.35)	0.2! (0.06)	10.9 (0.42)	5.4 (0.31)	17.6 (0.53)	13.0 (0.46)	0.6 (0.11)	25.1 (0.58)	9.9 (0.40)
Black .....	8.8 (0.73)	7.0 (0.67)	# (†)	7.2 (0.62)	2.6 (0.43)	17.6 (0.90)	12.6 (0.82)	0.2! (0.08)	17.2 (0.95)	4.9 (0.56)
Hispanic .....	9.2 (0.61)	7.1 (0.55)	† (†)	8.9 (0.61)	2.7 (0.32)	18.1 (0.81)	12.6 (0.71)	0.8 (0.19)	22.3 (0.93)	6.9 (0.53)
Asian .....	3.3 (0.83)	2.1! (0.68)	† (†)	4.9 (1.00)	1.1! (0.48)	8.6 (1.42)	4.5 (0.91)	† (†)	12.5 (1.59)	2.5! (0.84)
Pacific Islander .....	† (†)	† (†)	† (†)	† (†)	† (†)	† (†)	† (†)	† (†)	† (†)	† (†)
American Indian/Alaska Native .....	8.3 (1.78)	7.4 (1.76)	† (†)	† (†)	4.8! (1.53)	16.6 (3.18)	11.5 (2.51)	† (†)	21.0 (4.74)	8.0 (1.85)
Two or more races .....	12.8 (1.76)	9.1 (1.38)	† (†)	9.3 (1.35)	5.6 (1.24)	22.5 (2.01)	17.2 (1.90)	† (†)	23.9 (1.86)	9.7 (1.58)
2016 .....	7.9 (0.26)	6.5 (0.24)	0.1! (0.03)	9.2 (0.30)	3.4 (0.18)	15.8 (0.35)	12.0 (0.31)	0.5 (0.07)	21.6 (0.42)	7.2 (0.26)
Sex										
Male .....	7.9 (0.36)	6.8 (0.35)	0.1! (0.03)	8.8 (0.41)	3.8 (0.26)	15.4 (0.49)	11.7 (0.45)	0.5 (0.10)	19.2 (0.55)	7.6 (0.37)
Female .....	7.8 (0.36)	6.1 (0.32)	† (†)	9.6 (0.41)	3.1 (0.22)	16.3 (0.47)	12.3 (0.41)	0.5 (0.09)	24.1 (0.59)	6.7 (0.33)
Race/ethnicity										
White .....	7.7 (0.34)	6.6 (0.32)	0.1! (0.04)	10.4 (0.40)	4.6 (0.27)	15.7 (0.45)	12.3 (0.42)	0.6 (0.11)	24.0 (0.57)	8.9 (0.39)
Black .....	8.7 (0.69)	6.5 (0.61)	† (†)	6.2 (0.61)	1.6 (0.33)	17.0 (0.97)	12.2 (0.86)	† (†)	15.6 (0.95)	3.5 (0.50)
Hispanic .....	7.6 (0.56)	6.1 (0.50)	† (†)	8.9 (0.61)	2.1 (0.30)	15.8 (0.77)	11.7 (0.66)	0.7 (0.16)	21.3 (0.90)	5.9 (0.52)
Asian .....	4.6 (1.07)	3.5 (0.98)	† (†)	5.2 (1.12)	1.1! (0.52)	10.2 (1.47)	6.1 (1.22)	† (†)	13.23 (1.60)	3.7 (1.00)
Pacific Islander .....	† (†)	† (†)	† (†)	† (†)	† (†)	† (†)	† (†)	† (†)	† (†)	† (†)
American Indian/Alaska Native .....	11.2 (2.69)	9.7 (2.37)	† (†)	7.9 (2.30)	7.2 (1.88)	21 (3.87)	16.5 (3.87)	† (†)	17 (3.39)	11.6 (2.40)
Two or more races .....	14.4 (1.71)	12.1 (1.54)	† (†)	11.1 (1.61)	5.7 (1.00)	22.5 (1.95)	18.0 (1.76)	† (†)	25.2 (2.00)	9.2 (1.27)

—Not available.  
 †Not applicable.  
 #Rounds to zero.  
 !Interpret data with caution. The coefficient of variation (CV) for this estimate is between 30 and 50 percent.  
 ‡Reporting standards not met. Either there are too few cases for a reliable estimate or the coefficient of variation (CV) is 50 percent or greater.  
<sup>1</sup>Includes other illegal drug use not shown separately—specifically, the use of heroin, hallucinogens, and inhalants, as well as the nonmedical use of prescription-type pain relievers, tranquilizers, stimulants, and sedatives.

NOTE: Marijuana includes hashish usage. Data for 1999 and later years were gathered using Computer Assisted Interviewing (CAI) and may not be directly comparable to previous years. Because of survey improvements in 2002, the 2002 data constitute a new baseline for tracking trends. Valid trend comparisons can be made for 1985 through 1995, 1999 through 2001, and 2002 through 2016. Race categories exclude persons of Hispanic ethnicity.  
 SOURCE: U.S. Department of Health and Human Services, Substance Abuse and Mental Health Services Administration, National Household Survey on Drug Abuse: Main Findings, selected years, 1985 through 2001, and National Survey on Drug Use and Health, 2002 through 2016. Retrieved October 30, 2017, from <http://www.samhsa.gov/data/population-data-nsduh/reports?tab=38>. (This table was prepared October 2017.)

**Table 233.10. Number and percentage of public schools that took a serious disciplinary action in response to specific offenses, number and percentage distribution of serious actions taken, and number of students involved in specific offenses, by type of offense and type of action: Selected years, 1999–2000 through 2015–16**

[Standard errors appear in parentheses]

Type of offense and type of serious disciplinary action	1999–2000 <sup>1</sup>		2003–04		2005–06		2007–08		2009–10 <sup>2</sup>		2015–16 <sup>2</sup>	
1	2		3		4		5		6		7	
<b>Number of schools taking at least one action</b>												
Total, in response to any listed offense <sup>3</sup> .....	—	(t)	36,800	(960)	40,000	(990)	38,500	(1,010)	32,300	(940)	31,100	(900)
Physical fights or attacks .....	29,000	(840)	25,800	(780)	26,300	(880)	26,100	(740)	24,000	(770)	22,500	(900)
Insubordination .....	15,000	(640)	17,400	(690)	17,700	(700)	17,800	(800)	—	(t)	—	(t)
Distribution, possession, or use of alcohol .....	—	(t)	7,400	(400)	8,500	(380)	8,100	(400)	7,600	(320)	6,700	(340)
Distribution, possession, or use of illegal drugs .....	—	(t)	17,000	(470)	17,400	(490)	16,000	(470)	16,100	(400)	15,600	(500)
Use or possession of firearm or explosive device .....	—	(t)	3,200	(320)	3,800	(290)	2,300	(220)	2,500	(340)	1,700	(240)
Use or possession of weapon other than firearm or explosive device <sup>4</sup> .....	—	(t)	13,500	(690)	16,100	(760)	12,700	(650)	11,200	(650)	8,700	(510)
<b>Percent of schools taking at least one action</b>												
Total, in response to any listed offense <sup>3</sup> .....	—	(t)	45.7	(1.15)	48.1	(1.17)	46.4	(1.16)	39.1	(1.14)	37.2	(1.06)
Physical fights or attacks .....	35.4	(1.02)	32.0	(0.94)	31.6	(1.00)	31.5	(0.89)	29.0	(0.94)	26.9	(1.06)
Insubordination .....	18.3	(0.79)	21.6	(0.85)	21.2	(0.84)	21.4	(0.95)	—	(t)	—	(t)
Distribution, possession, or use of alcohol .....	—	(t)	9.2	(0.50)	10.2	(0.47)	9.8	(0.48)	9.2	(0.39)	8.1	(0.40)
Distribution, possession, or use of illegal drugs .....	—	(t)	21.2	(0.58)	20.8	(0.61)	19.3	(0.53)	19.5	(0.48)	18.6	(0.59)
Use or possession of firearm or explosive device .....	—	(t)	3.9	(0.40)	4.5	(0.35)	2.8	(0.26)	3.0	(0.41)	2.0	(0.29)
Use or possession of weapon other than firearm or explosive device <sup>4</sup> .....	—	(t)	16.8	(0.84)	19.4	(0.91)	15.3	(0.77)	13.5	(0.78)	10.4	(0.61)
<b>Number of actions taken in response to offenses</b>												
Total, in response to any listed offense .....	—	(t)	655,700	(29,160)	842,400	(46,080)	767,900	(44,010)	433,800	(22,880)	305,700	(11,500)
Physical fights or attacks .....	332,500	(27,420)	273,500	(14,450)	328,900	(16,880)	271,800	(15,180)	265,100	(22,170)	178,000	(10,890)
Insubordination .....	253,500	(27,720)	220,400	(16,990)	312,900	(34,200)	327,100	(38,470)	—	(t)	—	(t)
Distribution, possession, or use of alcohol .....	—	(t)	25,500	(1,600)	30,500	(1,910)	28,400	(1,470)	28,700	(1,920)	18,400	(1,180)
Distribution, possession, or use of illegal drugs .....	—	(t)	91,100	(3,410)	108,300	(4,930)	98,700	(5,780)	105,400	(4,070)	83,800	(3,670)
Use or possession of firearm or explosive device .....	—	(t)	9,900!	(4,300)	14,500	(2,740)	5,200	(910)	5,800	(1,360)	4,100!	(1,240)
Use or possession of weapon other than firearm or explosive device <sup>4</sup> .....	—	(t)	35,400	(1,470)	47,300	(2,100)	36,800	(2,630)	28,800	(1,580)	21,300	(1,430)
<b>Percentage distribution of actions taken</b>												
Total, in response to any listed offense .....	—	(t)	100.0	(t)	100.0	(t)	100.0	(t)	100.0	(t)	100.0	(t)
Out-of-school suspensions lasting 5 days or more .....	—	(t)	74.2	(1.60)	74.2	(1.98)	76.0	(1.63)	73.9	(1.79)	71.7	(1.32)
Removal with no services for remainder of school year .....	—	(t)	4.8	(0.72)	5.4	(0.77)	5.4	(1.06)	6.1	(0.86)	4.3	(0.49)
Transfer to specialized schools .....	—	(t)	21.0	(1.49)	20.4	(1.77)	18.7	(1.38)	20.0	(1.36)	23.9	(1.18)
Physical fights or attacks .....	100.0	(t)	100.0	(t)	100.0	(t)	100.0	(t)	100.0	(t)	100.0	(t)
Out-of-school suspensions lasting 5 days or more .....	85.1	(1.78)	80.8	(1.67)	80.8	(1.58)	78.7	(1.40)	81.2	(2.18)	79.4	(1.60)
Removal with no services for remainder of school year .....	9.0	(1.64)	3.6	(0.76)	4.1	(0.71)	4.4	(0.72)	5.0	(1.22)	2.9	(0.53)
Transfer to specialized schools .....	5.9	(0.59)	15.5	(1.59)	15.1	(1.40)	16.9	(1.19)	13.9	(1.57)	17.7	(1.50)
Insubordination .....	100.0	(t)	100.0	(t)	100.0	(t)	100.0	(t)	—	(t)	—	(t)
Out-of-school suspensions lasting 5 days or more .....	81.6	(3.27)	78.1	(2.54)	76.0	(4.24)	82.2	(3.14)	—	(t)	—	(t)
Removal with no services for remainder of school year .....	15.0	(3.16)	3.1!	(1.53)	4.1!	(1.57)	‡	(t)	—	(t)	—	(t)
Transfer to specialized schools .....	3.4	(0.76)	18.8	(2.41)	19.9	(3.62)	13.1	(2.29)	—	(t)	—	(t)
Distribution, possession, or use of alcohol .....	—	(t)	100.0	(t)	100.0	(t)	100.0	(t)	100.0	(t)	100.0	(t)
Out-of-school suspensions lasting 5 days or more .....	—	(t)	70.8	(2.91)	77.0	(2.07)	73.9	(2.56)	74.3	(2.23)	67.7	(2.94)
Removal with no services for remainder of school year .....	—	(t)	5.5	(1.56)	4.5	(0.80)	4.5	(1.00)	4.0	(0.92)	3.7	(0.89)
Transfer to specialized schools .....	—	(t)	23.7	(2.82)	18.5	(2.01)	21.6	(1.97)	21.7	(2.27)	28.6	(3.00)
Distribution, possession, or use of illegal drugs .....	—	(t)	100.0	(t)	100.0	(t)	100.0	(t)	100.0	(t)	100.0	(t)
Out-of-school suspensions lasting 5 days or more .....	—	(t)	53.4	(2.27)	55.6	(1.96)	55.4	(2.05)	59.6	(1.70)	58.8	(2.07)
Removal with no services for remainder of school year .....	—	(t)	10.1	(0.91)	10.2	(0.90)	9.1	(1.10)	8.0	(0.94)	6.9	(0.96)
Transfer to specialized schools .....	—	(t)	36.4	(2.23)	34.2	(2.02)	35.5	(1.84)	32.4	(1.57)	34.3	(2.08)

See notes at end of table.

**Table 233.10. Number and percentage of public schools that took a serious disciplinary action in response to specific offenses, number and percentage distribution of serious actions taken, and number of students involved in specific offenses, by type of offense and type of action: Selected years, 1999–2000 through 2015–16—Continued**

[Standard errors appear in parentheses]

Type of offense and type of serious disciplinary action	1999–2000 <sup>1</sup>		2003–04		2005–06		2007–08		2009–10 <sup>2</sup>		2015–16 <sup>2</sup>	
1	2		3		4		5		6		7	
Use or possession of firearm or explosive device .....	—	(†)	100.0	(†)	100.0	(†)	100.0	(†)	100.0	(†)	100.0	(†)
Out-of-school suspensions lasting 5 days or more .....	—	(†)	66.6!	(25.42)	67.9	(7.07)	52.9	(5.94)	55.5	(9.64)	66.3	(14.94)
Removal with no services for remainder of school year .....	—	(†)	‡	(†)	10.9	(2.89)	18.3	(5.18)	22.2	(4.96)	8.3!	(3.69)
Transfer to specialized schools .....	—	(†)	‡	(†)	21.2	(5.59)	28.8	(3.96)	22.3!	(7.91)	25.3!	(12.63)
Use or possession of weapon other than firearm or explosive device <sup>4</sup> .....	—	(†)	100.0	(†)	100.0	(†)	100.0	(†)	100.0	(†)	100.0	(†)
Out-of-school suspensions lasting 5 days or more .....	—	(†)	57.2	(2.20)	60.0	(1.89)	60.3	(2.24)	62.2	(2.44)	63.0	(2.47)
Removal with no services for remainder .....	—	(†)	7.7	(0.81)	10.8	(1.09)	7.8	(1.29)	8.8	(1.31)	6.2	(1.46)
Transfer to specialized schools .....	—	(†)	35.1	(2.04)	29.2	(1.83)	31.9	(1.75)	29.0	(2.32)	30.9	(2.56)
<b>Number of students involved in offenses<sup>5</sup></b>												
Total, all listed offenses .....	—	(†)	3,912,500	(162,670)	3,919,500	(129,350)	4,783,700	(324,130)	1,057,200	(31,810)	826,300	(37,980)
Physical fights or attacks .....	766,900	(50,410)	1,108,600	(46,250)	1,026,100	(35,050)	987,900	(42,620)	820,100	(27,890)	633,300	(37,820)
Insubordination .....	1,104,200	(69,490)	2,558,500	(131,830)	2,606,700	(107,660)	3,589,300	(319,390)	—	(†)	—	(†)
Distribution, possession, or use of alcohol .....	—	(†)	44,100	(2,290)	49,900	(2,750)	38,700	(1,690)	42,200	(2,450)	30,200	(1,670)
Distribution, possession, or use of illegal drugs .....	—	(†)	118,900	(4,590)	119,400	(4,350)	106,300	(4,240)	125,700	(5,540)	119,200	(6,310)
Use or possession of firearm or explosive device .....	—	(†)	‡	(†)	55,700	(16,540)	13,400!	(4,270)	27,100!	(11,180)	9,900!	(3,090)
Use or possession of weapon other than firearm or explosive device <sup>4</sup> .....	—	(†)	57,500	(4,260)	61,700	(2,540)	48,100	(3,430)	42,100	(2,220)	33,800	(2,420)

—Not available.

†Not applicable.

!Interpret data with caution. The coefficient of variation (CV) for this estimate is between 30 and 50 percent.

‡Reporting standards not met. The coefficient of variation (CV) for this estimate is 50 percent or greater.

<sup>1</sup>In the 1999–2000 questionnaire, only two items are the same as in questionnaires for later years: the item on physical attacks or fights and the item on insubordination. There are no comparable 1999–2000 data for serious disciplinary actions taken in response to the other specific offenses listed in this table, nor for total actions taken in response to all the listed offenses.

<sup>2</sup>Totals for 2009–10 and 2015–16 are not comparable to totals for other years, because the 2009–10 and 2015–16 questionnaires did not include an item on insubordination.

<sup>3</sup>Schools that took serious disciplinary actions in response to more than one type of offense were counted only once in the total.

<sup>4</sup>Prior to 2005–06, the questionnaire wording was simply “a weapon other than a firearm” (instead of “a weapon other than a firearm or explosive device”).

<sup>5</sup>Includes all students involved in committing the listed offenses regardless of the disciplinary action taken. If more than one student was involved in a single incident, each student was counted separately. If one student was involved in multiple incidents, that student was counted more than once; for example, a student involved in two separate incidents would be counted twice.

NOTE: Serious disciplinary actions include out-of-school suspensions lasting 5 or more days, but less than the remainder of the school year; removals with no continuing services for at least the remainder of the school year; and transfers to specialized schools for disciplinary reasons. Responses were provided by the principal or the person most knowledgeable about crime and safety issues at the school. Detail may not sum to totals because of rounding and because schools that reported serious disciplinary actions in response to more than one type of offense were counted only once in the total number or percentage of schools.

SOURCE: U.S. Department of Education, National Center for Education Statistics, 1999–2000, 2003–04, 2005–06, 2007–08, 2009–10, and 2015–16 School Survey on Crime and Safety (SSOCS), 2000, 2004, 2006, 2008, 2010, and 2016. (This table was prepared September 2017.)

**Table 233.12. Percentage of public schools that took a serious disciplinary action in response to specific offenses, by type of offense and selected school characteristics: 2015–16**

[Standard errors appear in parentheses]

School characteristic	Type of offense											
	Total, at least one action <sup>1</sup>		Physical attacks or fights		Distribution, possession, or use of alcohol		Distribution, possession, or use of illegal drugs		Use or possession of a firearm or explosive device		Use or possession of a weapon other than a firearm or explosive device	
1	2		3		4		5		6		7	
<b>Total</b> .....	<b>37.2</b>	<b>(1.06)</b>	<b>26.9</b>	<b>(1.06)</b>	<b>8.1</b>	<b>(0.40)</b>	<b>18.6</b>	<b>(0.59)</b>	<b>2.0</b>	<b>(0.29)</b>	<b>10.4</b>	<b>(0.61)</b>
<b>School level<sup>2</sup></b>												
Primary .....	17.5	(1.81)	13.1	(1.79)	‡	(†)	2.2	(0.66)	0.8!	(0.39)	3.8	(0.71)
Middle .....	60.9	(1.43)	43.9	(1.57)	10.4	(1.06)	30.9	(1.46)	2.6	(0.65)	19.3	(1.31)
High school .....	77.6	(1.80)	56.6	(1.92)	31.8	(1.32)	61.8	(1.84)	6.0	(1.06)	22.5	(1.52)
Combined .....	50.3	(5.06)	32.4	(4.66)	14.9	(3.70)	28.5	(4.52)	‡	(†)	14.6	(3.39)
<b>Enrollment size</b>												
Less than 300 .....	25.1	(2.80)	16.9	(2.28)	2.9	(0.82)	8.4	(1.98)	‡	(†)	2.8!	(0.87)
300 to 499 .....	25.7	(1.89)	17.2	(1.79)	4.2	(0.75)	11.6	(1.01)	1.4!	(0.50)	5.9	(1.19)
500 to 999 .....	41.8	(1.96)	31.0	(1.74)	7.5	(0.75)	18.2	(0.98)	1.6	(0.45)	11.9	(1.00)
1,000 or more .....	79.0	(1.97)	60.7	(1.93)	31.8	(2.00)	61.9	(2.03)	6.4	(1.37)	33.3	(2.54)
<b>Locale</b>												
City .....	40.0	(2.69)	30.7	(2.48)	6.1	(0.61)	19.2	(1.48)	2.1	(0.59)	11.0	(1.33)
Suburban .....	35.7	(1.93)	26.0	(1.82)	7.7	(0.67)	18.2	(0.87)	2.1	(0.58)	12.4	(1.36)
Town .....	50.0	(3.58)	33.0	(3.08)	10.1	(1.35)	26.5	(2.48)	2.7!	(1.19)	11.5	(2.76)
Rural .....	30.0	(1.96)	21.1	(1.62)	9.4	(1.01)	14.6	(1.03)	1.6!	(0.53)	6.6	(0.90)
<b>Percent combined enrollment of Black, Hispanic, Asian, Pacific Islander, and American Indian/Alaska Native students, and students of Two or more races</b>												
Less than 5 percent .....	30.7	(5.08)	15.7	(3.02)	10.3	(2.78)	16.9	(3.60)	‡	(†)	8.9!	(2.77)
5 percent to less than 20 percent .....	31.9	(2.55)	22.3	(2.08)	8.9	(1.05)	17.0	(1.48)	1.5!	(0.65)	7.5	(1.01)
20 percent to less than 50 percent .....	36.5	(2.49)	26.1	(2.00)	8.3	(0.74)	19.2	(2.05)	1.8!	(0.60)	9.5	(1.26)
50 percent or more .....	41.9	(2.01)	31.8	(1.80)	7.1	(0.76)	19.4	(1.10)	2.4	(0.52)	12.8	(1.29)
<b>Percent of students eligible for free or reduced-price lunch</b>												
0 to 25 percent .....	24.6	(2.20)	17.2	(2.05)	8.6	(1.09)	14.3	(1.44)	0.5!	(0.25)	6.2	(0.84)
26 to 50 percent .....	34.4	(1.82)	22.7	(1.41)	8.6	(0.74)	20.0	(1.40)	0.8!	(0.26)	9.2	(1.05)
51 to 75 percent .....	41.3	(2.39)	31.1	(2.22)	9.2	(1.11)	19.1	(1.34)	3.7	(0.91)	12.3	(1.32)
76 to 100 percent .....	43.5	(2.54)	32.7	(2.48)	6.1	(0.95)	19.4	(1.73)	2.6	(0.67)	12.1	(1.61)
<b>Student/teacher ratio<sup>3</sup></b>												
Less than 12 .....	31.6	(3.19)	21.4	(3.01)	6.9	(1.63)	7.0	(1.42)	2.8!	(1.22)	9.3	(2.03)
12 to 16 .....	38.6	(2.02)	27.1	(1.75)	7.9	(0.81)	21.4	(1.62)	1.3!	(0.48)	9.7	(1.08)
More than 16 .....	37.7	(1.85)	28.2	(1.79)	8.5	(0.55)	19.8	(1.04)	2.3	(0.41)	11.0	(0.96)

†Not applicable.

!Interpret data with caution. The coefficient of variation (CV) for this estimate is between 30 and 50 percent.

‡Reporting standards not met. Either there are too few cases for a reliable estimate or the coefficient of variation (CV) is 50 percent or greater.

<sup>1</sup>Schools that took serious disciplinary actions in response to more than one type of offense were counted only once in the total.

<sup>2</sup>Primary schools are defined as schools in which the lowest grade is not higher than grade 3 and the highest grade is not higher than grade 8. Middle schools are defined as schools in which the lowest grade is not lower than grade 4 and the highest grade is not higher than grade 9. High schools are defined as schools in which the lowest grade is not lower than grade 9 and the highest grade is not higher than grade 12. Combined schools include all other combinations of grades, including K–12 schools.

<sup>3</sup>Student/teacher ratio was calculated by dividing the total number of students enrolled in the school, as reported on the School Survey on Crime and Safety (SSOCS), by the total number of full-time-equivalent (FTE) teachers. Information regarding the total number of FTE teachers was obtained from the Common Core of Data (CCD), the sampling frame for SSOCS.

NOTE: Serious disciplinary actions include out-of-school suspensions lasting 5 or more days, but less than the remainder of the school year; removals with no continuing services for at least the remainder of the school year; and transfers to specialized schools for disciplinary reasons. Percentages of schools taking such actions are based on all public schools, rather than only those at which offenses occurred. Responses were provided by the principal or the person most knowledgeable about crime and safety issues at the school. SOURCE: U.S. Department of Education, National Center for Education Statistics, 2015–16 School Survey on Crime and Safety (SSOCS), 2016. (This table was prepared September 2017.)

**Table 233.25. Number and percentage of fall 2009 ninth-graders who were ever suspended or expelled through spring 2012, by when student was suspended or expelled and selected student characteristics: 2013**

[Standard errors appear in parentheses]

Selected student characteristic	Number of fall 2009 ninth-graders		Percentage distribution of fall 2009 ninth-graders		Percent ever suspended or expelled			
	Total, all students <sup>1</sup>	Total, ever suspended or expelled	All students	Ever suspended or expelled	Total	When suspended or expelled		
						Only before fall of 2009	Only between fall 2009 and spring 2012	Both before fall 2009 and between fall 2009 and spring 2012
1	2	3	4	5	6	7	8	9
<b>Total, all students</b> .....	<b>3,776,000 (38,600)</b>	<b>734,000 (35,400)</b>	<b>100.0 (†)</b>	<b>100.0 (†)</b>	<b>19.4 (0.91)</b>	<b>7.2 (0.72)</b>	<b>6.6 (0.54)</b>	<b>5.7 (0.65)</b>
High school completion status in 2013								
Less than high school completion .....	213,000 (26,600)	116,000 (18,500)	5.8 (0.72)	16.7 (2.52)	54.5 (5.05)	13.8 (3.76)	17.5 (3.69)	23.2 (4.45)
High school completion .....	3,456,000 (44,300)	578,000 (31,600)	94.2 (0.72)	83.3 (2.52)	16.7 (0.88)	6.6 (0.74)	5.8 (0.46)	4.4 (0.63)
Sex								
Male .....	1,906,000 (20,000)	498,000 (26,200)	50.5 (0.42)	67.8 (2.34)	26.1 (1.35)	8.9 (1.22)	8.5 (0.88)	8.7 (1.20)
Female .....	1,869,000 (29,100)	236,000 (22,200)	49.5 (0.42)	32.2 (2.34)	12.6 (1.17)	5.5 (0.89)	4.6 (0.62)	2.6 (0.55)
Race/ethnicity								
White .....	2,001,000 (39,400)	288,000 (19,400)	53.0 (1.00)	39.3 (2.37)	14.4 (0.93)	4.3 (0.51)	6.7 (0.65)	3.4 (0.38)
Black .....	478,000 (25,400)	170,000 (18,300)	12.7 (0.68)	23.2 (2.63)	35.6 (3.42)	14.8 (2.47)	6.9 (1.60)	13.9 (3.17)
Hispanic .....	819,000 (39,200)	175,000 (29,700)	21.7 (0.96)	23.8 (3.66)	21.3 (3.21)	10.1 (2.77)	7.0 (1.38)	4.3 (0.95)
Asian .....	129,000 (9,800)	‡ (†)	3.4 (0.26)	1.1! (0.42)	6.4! (2.38)	‡ (†)	1.2! (0.54)	‡ (†)
Pacific Islander .....	15,000 (5,400)	‡ (†)	0.4! (0.14)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)
American Indian/Alaska Native .....	30,000 (8,100)	‡ (†)	0.8 (0.21)	1.6! (0.66)	40.6! (14.16)	‡ (†)	‡ (†)	‡ (†)
Two or more races .....	304,000 (20,700)	78,000 (14,100)	8.1 (0.54)	10.6 (1.84)	25.6 (4.07)	6.7 (1.84)	5.8! (1.76)	13.1! (4.09)
Highest education of parents in 2012								
High school completion or less .....	1,456,000 (67,800)	398,000 (38,100)	38.6 (1.76)	54.2 (3.91)	27.3 (1.92)	10.6 (1.55)	8.6 (1.00)	8.1 (1.57)
Some college .....	745,000 (35,200)	152,000 (19,800)	19.7 (0.92)	20.8 (2.76)	20.5 (2.20)	7.1 (1.62)	6.6 (1.20)	6.8 (1.30)
Bachelor's degree .....	881,000 (41,200)	118,000 (12,300)	23.3 (1.06)	16.0 (1.71)	13.4 (1.20)	4.3 (0.84)	5.8 (0.99)	3.3 (0.72)
Master's or higher degree .....	693,000 (37,700)	66,000 (10,500)	18.4 (0.98)	9.0 (1.44)	9.5 (1.41)	3.9 (0.94)	3.1 (0.57)	2.5! (0.80)
Socioeconomic status of parents in 2012 <sup>2</sup>								
Lowest two fifths .....	1,391,000 (62,200)	400,000 (35,300)	36.8 (1.60)	54.5 (3.39)	28.8 (1.88)	10.7 (1.57)	8.8 (1.00)	9.3 (1.62)
Middle two fifths .....	1,381,000 (44,500)	241,000 (19,800)	36.6 (1.14)	32.8 (2.68)	17.4 (1.41)	6.6 (1.02)	6.0 (0.88)	4.8 (0.76)
Highest fifth .....	1,004,000 (45,700)	93,000 (12,400)	26.6 (1.18)	12.7 (1.74)	9.3 (1.10)	3.2 (0.69)	4.2 (0.66)	1.9! (0.59)
Cumulative high school grade point average								
0.00–1.99 .....	601,000 (42,500)	279,000 (27,500)	16.7 (1.15)	40.2 (3.50)	46.4 (3.31)	11.3 (1.82)	13.7 (2.06)	21.4 (3.44)
2.00–2.49 .....	655,000 (43,100)	186,000 (23,200)	18.2 (1.11)	26.9 (3.22)	28.5 (2.49)	12.5 (2.73)	9.6 (1.65)	6.4 (1.11)
2.50–2.99 .....	752,000 (37,400)	136,000 (15,300)	20.9 (1.01)	19.6 (2.02)	18.1 (1.99)	7.0 (1.30)	7.3 (1.22)	3.7 (0.76)
3.00–3.49 .....	845,000 (33,800)	72,000 (11,800)	23.5 (0.98)	10.3 (1.56)	8.5 (1.33)	4.7 (1.11)	3.0 (0.57)	‡ (†)
3.50 or higher .....	743,000 (29,900)	21,000 (4,500)	20.7 (0.78)	3.0 (0.65)	2.8 (0.60)	1.0! (0.33)	1.5 (0.45)	‡ (†)
School engagement in 2009 <sup>3</sup>								
Low .....	794,000 (43,700)	222,000 (22,200)	21.8 (1.12)	31.9 (2.77)	28.0 (2.40)	9.1 (1.46)	7.8 (1.34)	11.1 (1.71)
Middle .....	1,923,000 (43,900)	395,000 (26,200)	52.8 (1.16)	56.6 (2.99)	20.5 (1.34)	8.2 (1.25)	7.6 (0.82)	4.7 (0.77)
High .....	922,000 (34,200)	81,000 (14,400)	25.3 (0.94)	11.6 (1.97)	8.8 (1.50)	3.5 (0.85)	2.4 (0.49)	2.8! (1.21)
Sense of school belonging in 2009 <sup>4</sup>								
Low .....	854,000 (40,600)	243,000 (24,200)	23.7 (1.13)	35.4 (3.07)	28.5 (2.22)	9.6 (1.54)	9.2 (1.04)	9.7 (1.57)
Middle .....	1,850,000 (46,700)	304,000 (28,000)	51.2 (1.12)	44.2 (3.57)	16.4 (1.36)	5.8 (0.73)	6.4 (0.78)	4.2 (0.69)
High .....	907,000 (40,600)	140,000 (21,600)	25.1 (1.08)	20.4 (3.03)	15.5 (2.13)	7.4 (2.14)	3.6 (0.71)	4.5 (1.30)

†Not applicable.

!Interpret data with caution. The coefficient of variation (CV) for this estimate is between 30 and 50 percent.

‡Reporting standards not met. Either there are too few cases for a reliable estimate or the coefficient of variation (CV) is 50 percent or greater.

<sup>1</sup>The total includes all students whose parents provided a response about their child's suspension and expulsion status both on the base-year (2009) questionnaire and on the first follow-up (2012) questionnaire.

<sup>2</sup>Socioeconomic status (SES) was measured by a composite score on parental education and occupations, and family income.

<sup>3</sup>A school engagement scale was constructed based on students' responses to questions about how frequently they went to class without homework done, without pencil or paper, without books, or late. Students' school engagement is considered low if they were in the

bottom quarter of the scale distribution, middle if they were in the middle two quarters, and high if they were in the highest quarter.

<sup>4</sup>A school belonging scale was constructed based on the extent to which students agreed or disagreed that they felt safe at school, that they felt proud of being part of the school, that there were always teachers or other adults at school they could talk to if they had a problem, that school was often a waste of time, and that getting good grades was important to them. Students' sense of school belonging is considered low if they were in the bottom quarter of the scale distribution, middle if they were in the middle two quarters, and high if they were in the highest quarter.

NOTE: Estimates weighted by W2W1PAR. Race categories exclude persons of Hispanic ethnicity. Detail may not sum to totals because of rounding and survey item nonresponse.

SOURCE: U.S. Department of Education, National Center for Education Statistics, High School Longitudinal Study of 2009 (HLS:2009), 2013 Update and High School Transcripts Public-Use Data File. (This table was prepared October 2015.)

**Table 233.27. Number of students receiving selected disciplinary actions in public elementary and secondary schools, by type of disciplinary action, disability status, sex, and race/ethnicity: 2013–14**

Disability status, sex, and race/ethnicity	Corporal punishment <sup>1</sup>	One or more in-school suspension <sup>2</sup>	Out-of-school suspensions <sup>3</sup>			Expulsions <sup>4</sup>				Referral to law enforcement <sup>5</sup>	School-related arrest <sup>6</sup>	
			Total	Only one	More than one	Total <sup>7</sup>		With educational services	Without educational services			
						All expulsions	Under zero-tolerance policies <sup>8</sup>					
1	2	3	4	5	6	7	8	9	10	11	12	
<b>All students</b>												
<b>Total</b>	<b>106,055</b>	<b>2,710,924</b>	<b>2,635,743</b>	<b>1,560,486</b>	<b>1,075,257</b>	<b>111,215</b>	<b>16,035</b>	<b>66,133</b>	<b>45,082</b>	<b>177,127</b>	<b>60,170</b>	
<b>Sex</b>												
Male	84,738	1,847,655	1,860,002	1,076,965	783,037	82,787	12,603	49,666	33,121	126,841	43,188	
Female	21,317	863,269	775,741	483,521	292,220	28,428	3,432	16,467	11,961	50,286	16,982	
<b>Race/ethnicity<sup>9</sup></b>												
White	53,069	1,036,590	843,381	538,782	304,599	49,144	8,400	27,495	21,649	72,310	19,736	
Black	40,023	861,194	1,042,991	557,430	485,561	33,557	3,628	20,852	12,705	49,584	20,562	
Hispanic	7,680	618,734	554,498	345,240	209,258	18,271	2,761	11,904	6,367	41,319	14,891	
Asian	210	26,984	26,499	19,454	7,045	790	164	504	286	2,155	865	
Pacific Islander	62	6,213	8,784	5,796	2,988	241	39	128	113	427	452	
American Indian/Alaska Native	2,033	34,494	35,756	21,941	13,815	1,944	291	1,026	918	3,671	892	
Two or more races	1,505	74,697	78,469	46,539	31,930	4,613	558	2,425	2,188	4,871	1,657	
<b>Race/ethnicity by sex<sup>9</sup></b>												
<b>Male</b>												
White	44,319	747,574	636,731	398,754	237,977	37,340	6,596	21,059	16,281	53,564	14,686	
Black	29,840	545,505	684,082	352,849	331,233	23,724	2,789	14,907	8,817	33,728	13,939	
Hispanic	6,211	417,223	397,077	240,248	156,829	14,168	2,241	9,316	4,852	29,591	10,964	
Asian	174	20,315	20,907	15,164	5,743	665	141	428	237	1,700	646	
Pacific Islander	46	4,159	6,212	3,948	2,264	167	27	92	75	304	326	
American Indian/Alaska Native	1,654	23,017	24,585	14,720	9,865	1,343	218	708	635	2,532	620	
Two or more races	1,221	50,323	55,457	32,164	23,293	3,224	434	1,696	1,528	3,309	1,129	
<b>Female</b>												
White	8,750	289,016	206,650	140,028	66,622	11,804	1,804	6,436	5,368	18,746	5,050	
Black	10,183	315,689	358,909	204,581	154,328	9,833	839	5,945	3,888	15,856	6,623	
Hispanic	1,469	201,511	157,421	104,992	52,429	4,103	520	2,588	1,515	11,728	3,927	
Asian	36	6,669	5,592	4,290	1,302	125	23	76	49	455	219	
Pacific Islander	16	2,054	2,572	1,848	724	74	12	36	38	123	126	
American Indian/Alaska Native	379	11,477	11,171	7,221	3,950	601	73	318	283	1,139	272	
Two or more races	284	24,374	23,012	14,375	8,637	1,389	124	729	660	1,562	528	
<b>Students with disabilities</b>												
<b>Total</b>	<b>16,064</b>	<b>568,234</b>	<b>644,605</b>	<b>341,752</b>	<b>302,864</b>	<b>26,852</b>	<b>3,449</b>	<b>18,147</b>	<b>8,776</b>	<b>47,360</b>	<b>15,800</b>	
<b>Sex</b>												
Male	13,728	438,222	510,705	265,562	245,147	21,916	2,936	14,892	7,075	37,598	12,526	
Female	2,336	130,012	133,900	76,190	57,717	4,936	513	3,255	1,701	9,762	3,274	
<b>Race/ethnicity<sup>9</sup></b>												
White	7,897	221,833	225,340	127,904	97,436	11,992	1,815	7,359	4,634	18,959	5,275	
Black	5,144	164,118	226,463	107,793	118,680	6,873	718	5,241	1,657	13,767	5,147	
Hispanic	899	104,682	115,358	63,481	51,878	3,829	526	2,870	998	9,290	3,397	
Asian	13	2,860	3,684	2,304	1,380	106	23	67	39	315	101	
Pacific Islander	8	968	1,544	781	763	28	4	17	11	70	101	
American Indian/Alaska Native	441	6,870	8,107	4,560	3,547	383	59	210	173	809	201	
Two or more races	189	14,885	19,268	9,915	9,353	986	110	584	408	1,360	463	
<b>Race/ethnicity by sex<sup>9</sup></b>												
<b>Male</b>												
White	6,872	176,082	185,110	103,299	81,811	9,865	1,544	6,077	3,789	15,374	4,281	
Black	4,278	122,415	172,309	79,759	92,553	5,485	602	4,218	1,283	10,681	3,940	
Hispanic	755	80,396	92,359	49,611	42,749	3,210	469	2,430	811	7,427	2,764	
Asian	11	2,340	3,129	1,943	1,186	88	21	58	30	266	86	
Pacific Islander	6	803	1,288	641	647	22	4	13	9	51	81	
American Indian/Alaska Native	362	5,288	6,464	3,567	2,897	309	44	173	136	646	160	
Two or more races	171	11,359	15,337	7,757	7,580	781	95	463	321	1,040	336	
<b>Female</b>												
White	1,025	45,751	40,230	24,605	15,625	2,127	271	1,282	845	3,585	994	
Black	866	41,703	54,154	28,034	26,127	1,388	116	1,023	374	3,086	1,207	
Hispanic	144	24,286	22,999	13,870	9,129	619	57	440	187	1,863	633	
Asian	1-3	520	555	361	194	18	1-3	9	9	49	15	
Pacific Islander	1-3	165	256	140	116	6	0	4	1-3	19	20	
American Indian/Alaska Native	79	1,582	1,643	993	650	74	15	37	37	163	41	
Two or more races	18	3,526	3,931	2,158	1,773	205	15	121	87	320	127	

<sup>1</sup>Corporal punishment is paddling, spanking, or other forms of physical punishment imposed on a student.

<sup>2</sup>An in-school suspension is an instance in which a student is temporarily removed from his or her regular classroom(s) for at least half a day but remains under the direct supervision of school personnel.

<sup>3</sup>An out-of-school suspension is an instance in which a student is temporarily removed from his or her regular school for disciplinary purposes for at least half a day (but less than the remainder of the school year) to another setting (e.g., home or behavior center). Data on out-of-school suspensions by race/ethnicity exclude Connecticut Pacific Islander students pending further data quality review.

<sup>4</sup>Expulsions are actions taken by a local education agency that result in the removal of a student from his or her regular school for disciplinary purposes for the remainder of the school year or longer in accordance with local education agency policy. Expulsions also include removals resulting from violations of the Gun Free Schools Act that are modified to less than 365 days.

<sup>5</sup>Referral to law enforcement is an action by which a student is reported to any law enforcement agency or official, including a school police unit, for an incident that occurs on school grounds, during school-related events, or while taking school transportation, regardless of whether official action is taken. Excludes Hawaii data pending further data quality review.

<sup>6</sup>A school-related arrest is an arrest of a student for any activity conducted on school grounds, during off-campus school activities (including while taking school transportation), or due to a referral by any school official.

<sup>7</sup>Totals include expulsions with and without educational services.

<sup>8</sup>Includes all expulsions under zero-tolerance policies, including expulsions with and without educational services. A zero-tolerance policy results in mandatory expulsion of any student who commits one or more specified offenses (for example, offenses involving guns, other weapons, violence, or similar factors, or combinations of these factors). A policy is considered "zero tolerance" even if there are some exceptions to the mandatory aspect of the expulsion, such as allowing the chief administering officer of a local education agency to modify the expulsion on a case-by-case basis.

<sup>9</sup>Data by race/ethnicity exclude data for students with disabilities served only under Section 504 (not receiving services under IDEA).

NOTE: Student counts between 1 and 3 are displayed as 1-3 to protect student privacy. Detail may not sum to totals because of privacy protection routines applied to the data. Race categories exclude persons of Hispanic ethnicity.

SOURCE: U.S. Department of Education, Office for Civil Rights, Civil Rights Data Collection, "2013–14 Discipline Estimations by Discipline Type." (This table was prepared January 2018.)

**Table 233.28. Percentage of students receiving selected disciplinary actions in public elementary and secondary schools, by type of disciplinary action, disability status, sex, and race/ethnicity: 2013–14**

Disability status, sex, and race/ethnicity	Corporal punishment <sup>1</sup>	One or more in-school suspension <sup>2</sup>	Out-of-school suspensions <sup>3</sup>			Expulsions <sup>4</sup>				Referral to law enforcement <sup>5</sup>	School-related arrest <sup>6</sup>	
			Total	Only one	More than one	Total <sup>7</sup>		With educational services	Without educational services			
						All expulsions	Under zero-tolerance policies <sup>8</sup>					
1	2	3	4	5	6	7	8	9	10	11	12	
<b>All students</b>												
<b>Total</b>	<b>0.21</b>	<b>5.43</b>	<b>5.28</b>	<b>3.13</b>	<b>2.15</b>	<b>0.22</b>	<b>0.03</b>	<b>0.13</b>	<b>0.09</b>	<b>0.36</b>	<b>0.12</b>	
<b>Sex</b>												
Male	0.33	7.20	7.25	4.20	3.05	0.32	0.05	0.19	0.13	0.50	0.17	
Female	0.09	3.56	3.20	1.99	1.20	0.12	0.01	0.07	0.05	0.21	0.07	
<b>Race/ethnicity<sup>9</sup></b>												
White	0.22	4.22	3.43	2.19	1.24	0.20	0.03	0.11	0.09	0.29	0.08	
Black	0.53	11.30	13.68	7.31	6.37	0.44	0.05	0.27	0.17	0.65	0.27	
Hispanic	0.06	5.07	4.54	2.83	1.71	0.15	0.02	0.10	0.05	0.34	0.12	
Asian	0.01	1.13	1.11	0.82	0.30	0.03	0.01	0.02	0.01	0.09	0.04	
Pacific Islander	0.03	3.18	4.53	2.99	1.54	0.12	0.02	0.07	0.06	0.31	0.23	
American Indian/Alaska Native	0.38	6.51	6.74	4.14	2.61	0.37	0.05	0.19	0.17	0.69	0.17	
Two or more races	0.10	5.01	5.26	3.12	2.14	0.31	0.04	0.16	0.15	0.33	0.11	
<b>Race/ethnicity by sex<sup>9</sup></b>												
<b>Male</b>												
White	0.35	5.92	5.04	3.16	1.88	0.30	0.05	0.17	0.13	0.42	0.12	
Black	0.77	14.04	17.61	9.08	8.53	0.61	0.07	0.38	0.23	0.87	0.36	
Hispanic	0.10	6.68	6.36	3.85	2.51	0.23	0.04	0.15	0.08	0.47	0.18	
Asian	0.01	1.68	1.73	1.25	0.47	0.05	0.01	0.04	0.02	0.14	0.05	
Pacific Islander	0.05	4.14	6.22	3.95	2.27	0.17	0.03	0.09	0.07	0.44	0.32	
American Indian/Alaska Native	0.61	8.48	9.05	5.42	3.63	0.49	0.08	0.26	0.23	0.93	0.23	
Two or more races	0.16	6.68	7.37	4.27	3.09	0.43	0.06	0.23	0.20	0.45	0.15	
<b>Female</b>												
White	0.07	2.42	1.73	1.17	0.56	0.10	0.02	0.05	0.04	0.16	0.04	
Black	0.27	8.45	9.60	5.47	4.13	0.26	0.02	0.16	0.10	0.42	0.18	
Hispanic	0.02	3.38	2.64	1.76	0.88	0.07	0.01	0.04	0.03	0.20	0.07	
Asian	#	0.57	0.48	0.37	0.11	0.01	#	0.01	#	0.04	0.02	
Pacific Islander	0.02	2.17	2.73	1.96	0.77	0.08	0.01	0.04	0.04	0.19	0.13	
American Indian/Alaska Native	0.15	4.44	4.32	2.79	1.53	0.23	0.03	0.12	0.11	0.44	0.11	
Two or more races	0.04	3.30	3.12	1.95	1.17	0.19	0.02	0.10	0.09	0.21	0.07	
<b>Students with disabilities</b>												
<b>Total</b>	<b>0.26</b>	<b>9.30</b>	<b>10.55</b>	<b>5.59</b>	<b>4.96</b>	<b>0.44</b>	<b>0.06</b>	<b>0.30</b>	<b>0.14</b>	<b>0.78</b>	<b>0.26</b>	
<b>Sex</b>												
Male	0.34	10.77	12.55	6.53	6.02	0.54	0.07	0.37	0.17	0.93	0.31	
Female	0.11	6.37	6.56	3.74	2.83	0.24	0.03	0.16	0.08	0.48	0.16	
<b>Race/ethnicity<sup>9</sup></b>												
White	0.25	7.07	7.18	4.08	3.11	0.38	0.06	0.23	0.15	0.60	0.17	
Black	0.45	14.48	19.99	9.51	10.47	0.61	0.06	0.46	0.15	1.22	0.45	
Hispanic	0.06	7.44	8.20	4.51	3.69	0.27	0.04	0.20	0.07	0.66	0.24	
Asian	0.01	1.97	2.53	1.58	0.95	0.07	0.02	0.05	0.03	0.22	0.07	
Pacific Islander	0.04	4.79	7.64	3.87	3.78	0.14	0.02	0.08	0.05	0.58	0.50	
American Indian/Alaska Native	0.52	8.05	9.50	5.34	4.16	0.45	0.07	0.25	0.20	0.95	0.24	
Two or more races	0.10	8.20	10.62	5.46	5.15	0.54	0.06	0.32	0.22	0.76	0.26	
<b>Race/ethnicity by sex<sup>9</sup></b>												
<b>Male</b>												
White	0.33	8.45	8.88	4.96	3.93	0.47	0.07	0.29	0.18	0.74	0.21	
Black	0.56	16.10	22.67	10.49	12.17	0.72	0.08	0.55	0.17	1.41	0.52	
Hispanic	0.08	8.59	9.87	5.30	4.57	0.34	0.05	0.26	0.09	0.79	0.30	
Asian	0.01	2.36	3.16	1.96	1.20	0.09	0.02	0.06	0.03	0.28	0.09	
Pacific Islander	0.04	5.80	9.30	4.63	4.67	0.16	0.03	0.09	0.06	0.63	0.58	
American Indian/Alaska Native	0.65	9.47	11.57	6.39	5.19	0.55	0.08	0.31	0.24	1.16	0.29	
Two or more races	0.14	9.40	12.69	6.42	6.27	0.65	0.08	0.38	0.27	0.87	0.28	
<b>Female</b>												
White	0.10	4.34	3.82	2.34	1.48	0.20	0.03	0.12	0.08	0.34	0.09	
Black	0.23	11.19	14.53	7.52	7.01	0.37	0.03	0.27	0.10	0.83	0.32	
Hispanic	0.03	5.15	4.88	2.94	1.94	0.13	0.01	0.09	0.04	0.40	0.13	
Asian	0.00–0.01	1.12	1.20	0.78	0.42	0.04	0.00	0.02	0.02	0.11	0.03	
Pacific Islander	0.02–0.05	2.60	4.03	2.20	1.82	0.09	0.00	0.06	0.02–0.05	0.49	0.31	
American Indian/Alaska Native	0.27	5.37	5.58	3.37	2.21	0.25	0.05	0.13	0.13	0.55	0.14	
Two or more races	0.03	5.82	6.49	3.56	2.93	0.34	0.02	0.20	0.14	0.53	0.21	

#Rounds to zero.  
<sup>1</sup>Corporal punishment is paddling, spanking, or other forms of physical punishment imposed on a student.  
<sup>2</sup>An in-school suspension is an instance in which a student is temporarily removed from his or her regular classroom(s) for at least half a day but remains under the direct supervision of school personnel.  
<sup>3</sup>An out-of-school suspension is an instance in which a student is temporarily removed from his or her regular school for disciplinary purposes for at least half a day (but less than the remainder of the school year) to another setting (e.g., home or behavior center). Data on out-of-school suspensions by race/ethnicity exclude Connecticut Pacific Islander students pending further data quality review.  
<sup>4</sup>Expulsions are actions taken by a local education agency that result in the removal of a student from his or her regular school for disciplinary purposes for the remainder of the school year or longer in accordance with local education agency policy. Expulsions also include removals resulting from violations of the Gun Free Schools Act that are modified to less than 365 days.  
<sup>5</sup>Referral to law enforcement is an action by which a student is reported to any law enforcement agency or official, including a school police unit, for an incident that occurs on school grounds, during school-related events, or while taking school transportation, regardless of whether official action is taken. Excludes Hawaii data pending further data quality review.  
<sup>6</sup>A school-related arrest is an arrest of a student for any activity conducted on school grounds, during off-campus school activities (including while taking school transportation), or due to a referral by any school official.

<sup>7</sup>Totals include expulsions with and without educational services.  
<sup>8</sup>Includes all expulsions under zero-tolerance policies, including expulsions with and without educational services. A zero-tolerance policy results in mandatory expulsion of any student who commits one or more specified offenses (for example, offenses involving guns, other weapons, violence, or similar factors, or combinations of these factors). A policy is considered “zero tolerance” even if there are some exceptions to the mandatory aspect of the expulsion, such as allowing the chief administering officer of a local education agency to modify the expulsion on a case-by-case basis.  
<sup>9</sup>Data by race/ethnicity exclude data for students with disabilities served only under Section 504 (not receiving services under IDEA).  
 NOTE: The percentage of students receiving a disciplinary action is calculated by dividing the cumulative number of students receiving that type of disciplinary action for the entire 2013–14 school year by the student enrollment based on a count of students taken on a single day between September 27 and December 31. Percentages based on disciplinary action counts of between 1 and 3 students are displayed as ranges to protect student privacy. Race categories exclude persons of Hispanic ethnicity.  
 SOURCE: U.S. Department of Education, Office for Civil Rights, Civil Rights Data Collection, “2013–14 Discipline Estimations by Discipline Type” and “2013–14 Estimations for Enrollment.” (This table was prepared January 2018.)

**Table 233.30. Number of students suspended and expelled from public elementary and secondary schools, by sex, race/ethnicity, and state: 2013–14**

State	Number receiving out-of-school suspensions <sup>1</sup>										Number expelled <sup>2</sup>									
	Total	Sex		Race/ethnicity <sup>3</sup>							Total	Sex		Race/ethnicity <sup>3</sup>						
		Male	Female	White	Black	Hispanic	Asian	Pacific Islander*	American Indian/Alaska Native	Two or more races		Male	Female	White	Black	Hispanic	Asian	Pacific Islander	American Indian/Alaska Native	Two or more races
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
<b>United States</b> .....	<b>2,635,743</b>	<b>1,860,002</b>	<b>775,741</b>	<b>843,381</b>	<b>1,042,991</b>	<b>554,498</b>	<b>26,499</b>	<b>8,784</b>	<b>35,756</b>	<b>78,469</b>	<b>111,215</b>	<b>82,787</b>	<b>28,428</b>	<b>49,144</b>	<b>33,557</b>	<b>18,271</b>	<b>790</b>	<b>241</b>	<b>1,944</b>	<b>4,613</b>
Alabama .....	59,129	40,077	19,052	18,841	37,614	1,214	156	28	251	727	1,379	1,053	326	387	892	26	0	1-3	1-3	61
Alaska .....	6,526	4,832	1,694	2,152	385	408	163	206	2,591	534	108	89	19	32	9	14	0	1-3	37	12
Arizona .....	57,055	42,110	14,945	17,268	6,410	26,296	471	201	4,670	1,187	434	327	107	157	39	191	1-3	4	22	13
Arkansas .....	33,585	23,608	9,977	13,216	17,134	2,029	103	84	148	381	846	625	221	492	224	54	5	1-3	14	9
California .....	249,111	184,217	64,894	49,660	42,997	133,414	7,978	2,097	3,001	6,944	8,741	6,999	1,742	1,938	1,346	4,643	241	58	109	249
Colorado .....	38,673	28,197	10,476	14,869	4,530	16,743	363	72	450	1,463	1,306	1,066	240	508	167	519	15	7	25	46
Connecticut .....	21,523	14,721	6,802	6,059	6,253	7,427	206	( <sup>4</sup> )	94	421	1,222	1,006	216	499	340	301	9	0	4	20
Delaware .....	11,459	7,537	3,922	2,759	6,494	1,109	79	9	54	212	115	84	31	40	61	11	0	0	0	1-3
District of Columbia .....	9,471	5,898	3,573	61	8,783	474	17	9	7	46	112	67	45	1-3	103	5	0	0	1-3	0
Florida .....	136,931	98,570	38,361	39,427	60,625	31,078	697	102	411	4,123	155	120	35	51	64	30	0	0	1-3	7
Georgia .....	126,549	87,764	38,785	25,592	85,137	10,198	779	129	168	3,610	2,768	2,058	710	787	1,669	147	12	17	7	100
Hawaii .....	6,497	4,650	1,847	633	173	534	1,217	3,299	45	412	8	6	1-3	0	0	1-3	1-3	0	0	0
Idaho .....	7,445	5,695	1,750	5,161	114	1,623	48	30	193	139	168	135	33	100	4	49	1-3	0	9	1-3
Illinois .....	139,521	94,651	44,870	28,808	76,744	26,887	797	87	279	3,477	2,682	1,898	784	1,058	1,210	228	20	0	11	114
Indiana .....	69,891	49,417	20,474	32,584	24,674	6,385	284	20	150	4,472	5,229	3,660	1,569	2,743	1,505	546	19	5	16	235
Iowa .....	12,980	9,466	3,514	7,637	2,930	1,430	120	23	85	711	180	157	23	131	24	18	1-3	0	0	4
Kansas .....	19,861	14,509	5,352	9,059	4,982	3,948	160	29	326	1,244	787	604	183	417	121	146	6	1-3	17	65
Kentucky .....	33,336	24,335	9,001	21,906	8,849	1,088	89	20	49	1,131	353	276	77	280	42	14	0	0	1-3	12
Louisiana .....	59,380	40,200	19,180	14,995	37,069	1,407	194	26	315	663	4,397	3,230	1,167	991	2,937	55	7	1-3	24	41
Maine .....	6,015	4,458	1,557	5,151	374	135	33	4	39	76	189	148	41	164	8	4	0	0	0	7
Maryland .....	45,772	31,425	14,347	9,858	28,189	4,039	403	33	150	1,561	786	574	212	73	618	41	1-3	1-3	4	14
Massachusetts .....	40,494	28,701	11,793	15,272	8,537	13,138	724	22	135	1,571	327	254	73	173	47	65	1-3	0	1-3	26
Michigan .....	114,844	79,742	35,102	47,847	54,346	6,671	785	53	939	3,491	2,239	1,686	553	1,226	764	142	18	0	14	58
Minnesota .....	28,258	20,140	8,118	11,981	10,139	2,780	603	20	1,439	1,060	840	642	198	495	177	67	14	0	31	45
Mississippi .....	47,813	32,503	15,310	10,746	36,188	630	88	9	67	50	1,418	1,071	347	331	1,062	10	6	0	1-3	6
Missouri .....	51,905	36,657	15,248	25,991	21,765	2,036	271	56	227	1,205	3,124	2,111	1,013	2,274	478	235	1-3	8	18	101
Montana .....	5,276	3,810	1,466	2,901	63	154	14	7	2,022	67	204	141	63	84	1-3	6	0	0	89	18
Nebraska .....	13,056	9,391	3,665	6,015	3,288	2,464	130	14	416	671	918	674	244	350	279	187	12	0	29	53
Nevada .....	20,845	14,921	5,924	5,611	4,820	8,062	390	197	309	1,088	1,898	1,428	470	347	547	793	36	14	15	95
New Hampshire .....	9,105	6,689	2,416	6,647	658	1,197	122	16	41	124	34	26	8	33	0	0	0	0	0	0
New Jersey .....	59,240	40,780	18,460	14,334	25,635	16,959	1,019	39	67	606	200	157	43	82	74	36	1-3	0	0	5
New Mexico .....	21,060	14,173	6,887	3,977	659	13,769	113	11	2,033	455	1,955	1,380	575	295	80	1,400	13	0	99	60
New York .....	88,032	61,285	26,747	33,087	34,424	15,224	1,142	71	633	1,616	2,490	1,868	622	1,360	633	343	21	0	20	54
North Carolina .....	101,924	72,183	29,741	28,901	52,807	11,012	495	81	2,510	3,899	870	655	215	247	449	91	4	1-3	20	42
North Dakota .....	2,304	1,661	643	1,232	180	89	11	1-3	749	6	93	71	22	28	21	6	0	0	38	0
Ohio .....	125,976	88,165	37,811	59,601	50,817	5,298	488	51	177	7,094	31,059	22,594	8,465	19,501	7,698	1,025	94	27	59	1,709
Oklahoma .....	38,622	27,667	10,955	15,186	10,549	5,804	155	87	4,627	1,960	7,318	5,150	2,168	2,528	2,288	987	15	13	881	589
Oregon .....	23,282	17,479	5,803	13,785	1,244	5,420	271	164	593	1,369	1,159	906	253	714	35	267	9	9	41	65
Pennsylvania .....	97,711	67,221	30,490	35,376	44,221	12,341	762	55	125	3,515	1,899	1,420	479	991	493	294	7	1-3	6	81
Rhode Island .....	8,777	6,227	2,550	3,551	1,395	2,984	121	9	123	392	61	40	21	32	4	17	0	0	1-3	6

See notes at end of table.

**Table 233.30. Number of students suspended and expelled from public elementary and secondary schools, by sex, race/ethnicity, and state: 2013–14—Continued**

State	Number receiving out-of-school suspensions <sup>1</sup>										Number expelled <sup>2</sup>										
	Total	Sex		Race/ethnicity <sup>3</sup>							Total	Sex			Race/ethnicity <sup>3</sup>						
		Male	Female	White	Black	Hispanic	Asian	Pacific Islander <sup>4</sup>	American Indian/Alaska Native	Two or more races		Male	Female	White	Black	Hispanic	Asian	Pacific Islander	American Indian/Alaska Native	Two or more races	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	
South Carolina .....	76,755	52,380	24,375	23,713	46,387	3,232	207	51	226	1,903	2,851	2,176	675	883	1,775	80	10	0	16	63	
South Dakota .....	3,634	2,620	1,014	1,971	250	233	32	1–3	983	104	36	28	8	15	4	1–3	0	1–3	14	0	
Tennessee .....	66,130	45,490	20,640	22,676	38,759	3,258	298	29	96	663	4,245	3,200	1,045	1,595	2,299	221	15	4	4	50	
Texas .....	246,474	173,302	73,172	35,826	76,431	118,651	1,728	233	832	3,689	7,821	6,093	1,728	1,693	1,890	3,669	57	7	68	125	
Utah .....	10,711	8,222	2,489	6,257	350	3,061	127	234	372	231	148	120	28	85	4	43	7	1–3	5	1–3	
Vermont .....	3,257	2,379	878	2,770	121	40	12	1–3	63	50	44	33	11	39	5	0	0	0	0	0	
Virginia .....	72,448	51,235	21,213	24,401	37,324	5,649	668	71	189	2,817	819	634	185	314	310	119	11	1–3	6	45	
Washington .....	48,972	36,844	12,128	23,513	5,056	11,989	1,091	660	1,388	3,839	3,496	2,726	770	1,580	266	1,001	82	49	125	281	
West Virginia .....	20,724	15,070	5,654	18,154	1,773	171	20	4	14	315	491	403	88	431	43	6	1–3	0	1–3	4	
Wisconsin .....	34,494	24,495	9,999	14,234	14,280	3,860	241	22	709	1,030	1,088	825	263	494	444	98	7	0	23	14	
Wyoming .....	2,910	2,233	677	2,129	65	456	14	4	176	55	105	93	12	74	1–3	18	0	0	8	1–3	

<sup>1</sup>An out-of-school suspension is an instance in which a student is temporarily removed from his or her regular school for disciplinary purposes for at least half a day (but less than the remainder of the school year) to another setting (e.g., home or behavior center).

<sup>2</sup>Expulsions are actions taken by a local education agency that result in the removal of a student from his or her regular school for disciplinary purposes, with or without the continuation of educational services, for the remainder of the school year or longer in accordance with local education agency policy. Expulsions also include removals resulting from violations of the Gun Free Schools Act that are modified to less than 365 days.

<sup>3</sup>Data by race/ethnicity exclude students with disabilities served only under Section 504 (not receiving services under IDEA).

<sup>4</sup>Connecticut Pacific Islander data are suppressed and excluded from the Pacific Islander U.S. total pending further data quality review.

NOTE: Student counts between 1 and 3 are displayed as 1–3 to protect student privacy. Detail may not sum to totals because of privacy protection routines applied to the data. Race categories exclude persons of Hispanic ethnicity. SOURCE: U.S. Department of Education, Office for Civil Rights, Civil Rights Data Collection, “2013–14 Discipline Estimations by Discipline Type.” (This table was prepared January 2018.)

**Table 233.40. Percentage of students suspended and expelled from public elementary and secondary schools, by sex, race/ethnicity, and state: 2013–14**

State	Percent receiving out-of-school suspensions <sup>1</sup>										Percent expelled <sup>2</sup>									
	Total	Sex		Race/ethnicity <sup>3</sup>							Total	Sex		Race/ethnicity <sup>3</sup>						
		Male	Female	White	Black	Hispanic	Asian	Pacific Islander <sup>4</sup>	American Indian/Alaska Native	Two or more races		Male	Female	White	Black	Hispanic	Asian	Pacific Islander	American Indian/Alaska Native	Two or more races
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
<b>United States</b> .....	<b>5.28</b>	<b>7.25</b>	<b>3.20</b>	<b>3.43</b>	<b>13.68</b>	<b>4.54</b>	<b>1.11</b>	<b>4.53</b>	<b>6.74</b>	<b>5.26</b>	<b>0.22</b>	<b>0.32</b>	<b>0.12</b>	<b>0.20</b>	<b>0.44</b>	<b>0.15</b>	<b>0.03</b>	<b>0.12</b>	<b>0.37</b>	<b>0.31</b>
Alabama .....	7.98	10.50	5.30	4.51	15.25	2.97	1.58	4.03	3.87	5.90	0.19	0.28	0.09	0.09	0.36	0.06	0.00	0.14–0.43	0.02–0.05	0.49
Alaska .....	5.06	7.24	2.72	3.47	8.81	4.80	2.03	6.49	8.48	4.82	0.08	0.13	0.03	0.05	0.21	0.16	0.00	0.03–0.09	0.12	0.11
Arizona .....	5.18	7.45	2.78	3.90	11.54	5.50	1.54	4.81	8.90	5.02	0.04	0.06	0.02	0.04	0.07	0.04	0.00–0.01	0.10	0.04	0.05
Arkansas .....	7.00	9.63	4.25	4.47	17.87	3.82	1.45	3.11	4.83	4.34	0.18	0.25	0.09	0.17	0.23	0.10	0.07	0.04–0.11	0.46	0.10
California .....	3.99	5.74	2.14	3.25	11.24	4.03	1.18	4.80	7.11	3.43	0.14	0.22	0.06	0.13	0.35	0.14	0.04	0.13	0.26	0.12
Colorado .....	4.41	6.27	2.45	3.13	11.04	5.84	1.35	3.64	6.80	4.87	0.15	0.24	0.06	0.11	0.41	0.18	0.06	0.35	0.38	0.15
Connecticut .....	3.94	5.23	2.57	1.99	9.02	6.61	0.82	(*)	6.23	3.31	0.22	0.36	0.08	0.16	0.49	0.27	0.04	0.00	0.26	0.16
Delaware .....	8.48	10.72	6.05	4.43	15.64	5.83	1.68	6.08	9.18	6.25	0.09	0.12	0.05	0.06	0.15	0.06	0.00	0.00	0.00	0.03–0.09
District of Columbia ...	12.44	15.52	9.37	0.90	15.98	4.26	1.52	10.00	9.86	3.83	0.15	0.18	0.12	0.01–0.04	0.19	0.04	0.00	0.00	1.41–4.23	0.00
Florida .....	5.04	7.06	2.90	3.67	9.89	3.86	1.00	2.92	4.65	4.91	0.01	0.01	#	#	0.01	#	0.00	0.00	0.01–0.03	0.01
Georgia .....	7.29	9.86	4.59	3.52	13.38	4.46	1.28	6.53	4.57	6.71	0.16	0.23	0.08	0.11	0.26	0.06	0.02	0.86	0.19	0.19
Hawaii .....	3.47	4.76	2.06	2.54	4.53	2.96	2.05	5.58	6.16	2.22	#	0.01	#	0.00	0.00	0.01–0.02	0.00–0.01	0.00–0.01	0.00	0.00
Idaho .....	2.57	3.82	1.25	2.37	3.61	3.43	1.27	2.38	4.66	2.33	0.06	0.09	0.02	0.05	0.13	0.10	0.03–0.08	0.00	0.22	0.02–0.05
Illinois .....	6.83	9.02	4.51	2.88	21.91	5.45	0.87	3.56	4.57	5.78	0.13	0.18	0.08	0.11	0.35	0.05	0.02	0.00	0.18	0.19
Indiana .....	6.79	9.35	4.09	4.50	20.58	6.21	1.44	2.78	5.93	10.00	0.51	0.69	0.31	0.38	1.26	0.53	0.10	0.70	0.63	0.53
Iowa .....	2.60	3.68	1.45	1.96	11.03	2.99	1.08	2.57	4.27	4.66	0.04	0.06	0.01	0.03	0.09	0.04	0.01–0.03	0.00	0.00	0.03
Kansas .....	4.04	5.73	2.24	2.82	14.03	4.40	1.22	3.41	6.21	5.51	0.16	0.24	0.08	0.13	0.34	0.16	0.05	0.12–0.35	0.32	0.29
Kentucky .....	4.87	6.91	2.71	4.08	12.21	3.08	0.90	3.12	5.67	5.82	0.05	0.08	0.02	0.05	0.06	0.04	0.00	0.00	0.12–0.35	0.06
Louisiana .....	8.38	11.08	5.54	4.70	12.61	4.22	1.83	5.68	6.44	5.90	0.62	0.89	0.34	0.31	1.00	0.17	0.07	0.22–0.66	0.49	0.36
Maine .....	3.45	4.96	1.84	3.36	6.62	4.56	1.26	2.08	3.51	2.75	0.11	0.16	0.05	0.11	0.14	0.14	0.00	0.00	0.00	0.25
Maryland .....	5.19	6.95	3.34	2.89	9.26	3.34	0.76	2.69	5.86	4.56	0.09	0.13	0.05	0.02	0.20	0.03	0.00–0.01	0.08–0.24	0.16	0.04
Massachusetts .....	4.28	5.92	2.55	2.61	10.46	8.60	1.26	2.13	5.94	5.34	0.03	0.05	0.02	0.03	0.06	0.04	0.00–0.01	0.00	0.04–0.13	0.09
Michigan .....	7.34	9.91	4.62	4.51	19.23	6.60	1.69	3.22	7.96	7.48	0.14	0.21	0.07	0.12	0.27	0.14	0.04	0.00	0.12	0.12
Minnesota .....	3.30	4.57	1.95	2.00	12.29	4.04	1.11	2.69	9.50	4.00	0.10	0.15	0.05	0.08	0.21	0.10	0.03	0.00	0.20	0.17
Mississippi .....	9.67	12.83	6.35	4.77	14.80	4.08	1.76	3.85	6.03	3.77	0.29	0.42	0.14	0.15	0.43	0.06	0.12	0.00	0.09–0.27	0.45
Missouri .....	5.74	7.86	3.48	3.87	17.02	4.38	1.62	2.90	5.96	5.33	0.35	0.45	0.23	0.34	0.37	0.51	0.01–0.02	0.41	0.47	0.45
Montana .....	3.66	5.12	2.10	2.54	4.44	2.85	1.14	1.99	11.84	2.26	0.14	0.19	0.09	0.07	0.07–0.21	0.11	0.00	0.00	0.52	0.61
Nebraska .....	4.27	5.95	2.48	2.88	16.20	4.68	1.83	3.26	9.23	6.82	0.30	0.43	0.17	0.17	1.37	0.35	0.17	0.00	0.64	0.54
Nevada .....	4.60	6.38	2.70	3.52	10.87	4.42	1.55	3.33	6.47	4.41	0.42	0.61	0.21	0.22	1.23	0.43	0.14	0.24	0.31	0.38
New Hampshire .....	4.88	6.95	2.67	4.29	19.21	14.21	2.22	7.51	7.30	3.71	0.02	0.03	0.01	0.02	0.00	0.00	0.00	0.00	0.00	0.00
New Jersey .....	4.44	5.95	2.84	2.21	12.79	5.59	0.80	1.26	3.70	3.10	0.01	0.02	0.01	0.01	0.04	0.01	#	0.00	0.00	0.03
New Mexico .....	6.25	8.20	4.19	4.82	10.22	6.78	2.83	2.52	6.03	8.55	0.58	0.80	0.35	0.36	1.24	0.69	0.33	0.00	0.29	1.13
New York .....	3.22	4.36	2.01	2.68	7.05	2.29	0.49	1.20	4.00	4.23	0.09	0.13	0.05	0.11	0.13	0.05	0.01	0.00	0.13	0.14
North Carolina .....	6.67	9.19	4.00	3.77	13.42	4.92	1.17	4.68	11.57	7.01	0.06	0.08	0.03	0.03	0.11	0.04	0.01	0.06–0.17	0.09	0.08
North Dakota .....	2.21	3.09	1.27	1.49	5.21	2.50	0.74	0.31–0.93	8.13	0.50	0.09	0.13	0.04	0.03	0.61	0.17	0.00	0.00	0.41	0.00
Ohio .....	7.14	9.71	4.42	4.68	18.70	6.79	1.47	3.47	7.73	9.24	1.76	2.49	0.99	1.53	2.83	1.31	0.28	1.84	2.58	2.23
Oklahoma .....	5.64	7.86	3.29	4.33	16.99	5.75	1.22	4.22	4.42	4.29	1.07	1.46	0.65	0.72	3.68	0.98	0.12	0.63	0.84	1.29
Oregon .....	4.12	6.03	2.11	3.86	9.24	4.46	1.22	4.18	6.45	4.52	0.20	0.31	0.09	0.20	0.26	0.22	0.04	0.23	0.45	0.21
Pennsylvania .....	5.62	7.52	3.61	3.01	17.13	7.53	1.28	4.23	4.43	7.30	0.11	0.16	0.06	0.08	0.19	0.18	0.01	0.08–0.23	0.21	0.17
Rhode Island .....	6.24	8.57	3.75	4.28	12.41	9.29	2.93	4.69	9.33	6.95	0.04	0.06	0.03	0.04	0.04	0.05	0.00	0.00	0.08–0.23	0.11

See notes at end of table.

**Table 233.40. Percentage of students suspended and expelled from public elementary and secondary schools, by sex, race/ethnicity, and state: 2013–14—Continued**

State	Percent receiving out-of-school suspensions <sup>1</sup>										Percent expelled <sup>2</sup>									
	Total	Sex		Race/ethnicity <sup>3</sup>							Total	Sex		Race/ethnicity <sup>3</sup>						
		Male	Female	White	Black	Hispanic	Asian	Pacific Islander <sup>4</sup>	American Indian/Alaska Native	Two or more races		Male	Female	White	Black	Hispanic	Asian	Pacific Islander	American Indian/Alaska Native	Two or more races
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
South Carolina .....	10.29	13.68	6.72	6.17	17.88	5.88	1.94	5.43	9.22	8.56	0.38	0.57	0.19	0.23	0.68	0.15	0.09	0.00	0.65	0.28
South Dakota .....	2.70	3.77	1.55	1.93	7.03	3.95	1.43	0.76–2.27	6.20	2.88	0.03	0.04	0.01	0.01	0.11	0.02–0.05	0.00	0.76–2.27	0.09	0.00
Tennessee .....	6.70	8.97	4.30	3.55	17.10	4.22	1.69	2.87	5.19	4.52	0.43	0.63	0.22	0.25	1.01	0.29	0.08	0.40	0.22	0.34
Texas .....	4.77	6.53	2.91	2.49	12.14	4.57	0.91	3.60	4.38	3.51	0.15	0.23	0.07	0.12	0.30	0.14	0.03	0.11	0.36	0.12
Utah .....	1.70	2.53	0.82	1.32	4.29	3.00	1.19	2.52	5.17	1.72	0.02	0.04	0.01	0.02	0.05	0.04	0.07	0.01–0.03	0.07	0.01–0.02
Vermont .....	3.88	5.48	2.17	3.79	6.59	3.49	0.68	0.90–2.70	12.60	2.83	0.05	0.08	0.03	0.05	0.27	0.00	0.00	0.00	0.00	0.00
Virginia .....	5.68	7.80	3.43	3.74	12.72	3.40	0.82	3.81	4.65	4.95	0.06	0.10	0.03	0.05	0.11	0.07	0.01	0.05–0.16	0.15	0.08
Washington .....	4.58	6.68	2.34	3.89	10.52	5.35	1.44	6.42	9.31	5.34	0.33	0.49	0.15	0.26	0.55	0.45	0.11	0.48	0.84	0.39
West Virginia .....	7.30	10.27	4.12	7.11	13.60	4.35	1.04	3.60	4.53	5.72	0.17	0.27	0.06	0.17	0.33	0.15	0.05–0.16	0.00	0.32–0.97	0.07
Wisconsin .....	3.96	5.46	2.36	2.27	17.03	4.22	0.76	3.01	6.53	4.82	0.12	0.18	0.06	0.08	0.53	0.11	0.02	0.00	0.21	0.07
Wyoming .....	3.12	4.61	1.51	2.92	6.05	3.79	1.69	3.17	5.18	3.03	0.11	0.19	0.03	0.10	0.09–0.28	0.15	0.00	0.00	0.24	0.06–0.17

#Rounds to zero.

<sup>1</sup>An out-of-school suspension is an instance in which a student is temporarily removed from his or her regular school for disciplinary purposes for at least half a day (but less than the remainder of the school year) to another setting (e.g., home or behavior center).

<sup>2</sup>Expulsions are actions taken by a local education agency that result in the removal of a student from his or her regular school for disciplinary purposes, with or without the continuation of educational services, for the remainder of the school year or longer in accordance with local education agency policy. Expulsions also include removals resulting from violations of the Gun Free Schools Act that are modified to less than 365 days.

<sup>3</sup>Data by race/ethnicity exclude students with disabilities served only under Section 504 (not receiving services under IDEA).

<sup>4</sup>Connecticut Pacific Islander data are suppressed and excluded from the Pacific Islander U.S. total pending further data quality review.

NOTE: The percentage of students receiving a disciplinary action is calculated by dividing the cumulative number of students receiving that type of disciplinary action for the entire 2013–14 school year by the student enrollment based on a count of students taken on a single day between September 27 and December 31. Percentages based on suspension or expulsion counts of between 1 and 3 students are displayed as ranges to protect student privacy. Race categories exclude persons of Hispanic ethnicity.

SOURCE: U.S. Department of Education, Office for Civil Rights, Civil Rights Data Collection, “2013–14 Discipline Estimations by Discipline Type” and “2013–14 Estimations for Enrollment.” (This table was prepared January 2018.)

**Table 233.45. Number of discipline incidents resulting in removal of a student from a regular education program for at least an entire school day and rate of incidents per 100,000 students, by discipline reason and state: 2014–15**

State	Number of discipline incidents					Rate of discipline incidents per 100,000 students				
	Total	Alcohol	Illicit drug	Violent incident <sup>1</sup>	Weapons possession	Total	Alcohol	Illicit drug	Violent incident <sup>1</sup>	Weapons possession
1	2	3	4	5	6	7	8	9	10	11
<b>United States<sup>2</sup></b>	<b>1,297,163</b>	<b>22,498<sup>4</sup></b>	<b>195,186<sup>4</sup></b>	<b>1,017,143</b>	<b>62,336</b>	<b>2,583</b>	<b>45<sup>4</sup></b>	<b>389<sup>4</sup></b>	<b>2,025</b>	<b>124</b>
Alabama	40,561	527	5,774	32,683	1,577	5,451	71	776	4,392	212
Alaska	3,578	138	717	2,495	228	2,728	105	547	1,902	174
Arizona <sup>3</sup>	30,217	851	3,915	24,536	915	2,718	77	352	2,207	82
Arkansas	23,099	499	2,116	19,685	799	4,705	102	431	4,010	163
California	251,483	( <sup>4</sup> )	42,828 <sup>4</sup>	196,643	12,012	3,984	( <sup>4</sup> )	678 <sup>4</sup>	3,115	190
Colorado	65,725	1,082	6,773	57,104	766	7,393	122	762	6,423	86
Connecticut	24,336	365	1,390	21,490	1,091	4,484	67	256	3,960	201
Delaware	613	67	335	50	161	457	50	250	37	120
District of Columbia	5,924	20	282	5,259	363	7,317	25	348	6,496	448
Florida	16,125	1,071	10,252	3,261	1,541	585	39	372	118	56
Georgia	69,897	844	10,917	55,452	2,684	4,007	48	626	3,179	154
Hawaii	2,195	175	678	1,066	276	1,204	96	372	584	151
Idaho	842	78	460	195	109	289	27	158	67	37
Illinois	42,915	969	6,358	32,438	3,150	2,093	47	310	1,582	154
Indiana	41,358	1,215	3,182	35,344	1,617	3,953	116	304	3,378	155
Iowa <sup>3</sup>	12,533	277	1,945	9,546	765	2,480	55	385	1,889	151
Kansas	12,026	253	2,246	8,839	688	2,418	51	452	1,777	138
Kentucky <sup>3</sup>	51,619	811	10,997	39,414	397	7,496	118	1,597	5,723	58
Louisiana	47,145	341	4,924	40,631	1,249	6,577	48	687	5,668	174
Maine	1,899	114	735	979	71	1,041	62	403	537	39
Maryland	32,094	416	2,620	27,452	1,606	3,670	48	300	3,139	184
Massachusetts	21,254	503	2,686	16,775	1,290	2,224	53	281	1,755	135
Michigan <sup>3</sup>	11,476	212	1,292	9,141	831	746	14	84	594	54
Minnesota <sup>3</sup>	20,647	496	3,572	15,525	1,054	2,409	58	417	1,811	123
Mississippi	17,432	334	757	15,812	529	3,551	68	154	3,221	108
Missouri	21,891	1,040	6,800	12,665	1,386	2,385	113	741	1,380	151
Montana	4,530	141	917	3,253	219	3,134	98	634	2,251	152
Nebraska	9,176	212	1,156	7,389	419	2,935	68	370	2,363	134
Nevada	11,009	420	2,161	7,820	608	2,397	91	471	1,703	132
New Hampshire	4,829	141	797	3,583	308	2,615	76	432	1,940	167
New Jersey	11,679	339	2,162	8,357	821	834	24	154	597	59
New Mexico	11,435	293	2,338	8,249	555	3,360	86	687	2,424	163
New York	18,932	1,171	4,838	7,772	5,151	691	43	176	284	188
North Carolina	69,415	837	11,451	54,373	2,754	4,482	54	739	3,510	178
North Dakota	1,314	52	370	830	62	1,233	49	347	779	58
Ohio	80,159	1,063	8,835	67,255	3,006	4,647	62	512	3,899	174
Oklahoma	14,632	456	2,181	10,824	1,171	2,125	66	317	1,572	170
Oregon	15,004	465	2,899	11,079	561	2,495	77	482	1,842	93
Pennsylvania	36,436	628	2,927	30,536	2,345	2,090	36	168	1,752	135
Rhode Island	12,715	66	701	11,771	177	8,957	46	494	8,292	125
South Carolina	21,051	401	1,392	18,941	317	2,783	53	184	2,504	42
South Dakota <sup>3</sup>	3,351	102	912	2,107	230	2,519	77	686	1,584	173
Tennessee	32,686	514	2,213	29,691	268	3,283	52	222	2,983	27
Texas	2,405	48	1,364	565	428	46	1	26	11	8
Utah	5,010	146	1,230	3,285	349	788	23	194	517	55
Vermont	—	—	—	—	—	—	—	—	—	—
Virginia	20,772	797	1,692	16,343	1,940	1,622	62	132	1,276	152
Washington <sup>3</sup>	20,098	944	5,024	11,951	2,179	1,872	88	468	1,113	203
West Virginia	3,438	48	599	2,738	53	1,226	17	214	977	19
Wisconsin	17,552	512	2,468	13,582	990	2,014	59	283	1,559	114
Wyoming	651	4	8	369	270	692	4	9	392	287

—Not available.

<sup>1</sup>Includes violent incidents with and without physical injury.

<sup>2</sup>U.S. totals exclude Vermont data, which were not reported.

<sup>3</sup>This state did not report state-level counts of discipline incidents, but did report school-level counts. The sums of the school-level counts are displayed in place of the unreported state-level counts.

<sup>4</sup>California reported alcohol incidents in the illicit drug category.

SOURCE: U.S. Department of Education, National Center for Education Statistics, EDData file 030, Data Group 523, extracted August 1, 2016, from the EDData Data Warehouse (internal U.S. Department of Education source); Common Core of Data (CCD), "State Nonfiscal Survey of Public Elementary and Secondary Education," 2014–15. (This table was prepared August 2016.)

**Table 233.50. Percentage of public schools with various safety and security measures: Selected years, 1999–2000 through 2015–16**

[Standard errors appear in parentheses]

School safety and security measures	1999–2000	2003–04	2005–06	2007–08	2009–10	2013–14 <sup>1</sup>	2015–16
1	2	3	4	5	6	7	8
<b>Controlled access during school hours</b>							
Buildings (e.g., locked or monitored doors) .....	74.6 (1.35)	83.0 (1.04)	84.9 (0.89)	89.5 (0.80)	91.7 (0.80)	93.3 (0.95)	94.1 (0.64)
Grounds (e.g., locked or monitored gates) .....	33.7 (1.26)	36.2 (1.08)	41.1 (1.25)	42.6 (1.41)	46.0 (1.26)	42.7 (1.53)	49.9 (1.53)
Visitors required to sign or check in .....	96.6 (0.54)	98.3 (0.40)	97.6 (0.42)	98.7 (0.37)	99.3 (0.27)	98.6 (0.49)	93.5 (0.69)
Classrooms equipped with locks so that doors can be locked from inside .....	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	66.7 (1.34)
<b>Student dress, IDs, and school supplies</b>							
Required students to wear uniforms .....	11.8 (0.82)	13.8 (0.85)	13.8 (0.78)	17.5 (0.70)	18.9 (1.02)	20.4 (1.27)	21.5 (1.36)
Enforced a strict dress code .....	47.4 (1.50)	55.1 (1.24)	55.3 (1.18)	54.8 (1.20)	56.9 (1.56)	58.5 (1.60)	53.1 (1.22)
Required students to wear badges or picture IDs .....	3.9 (0.32)	6.4 (0.64)	6.2 (0.47)	7.6 (0.60)	6.9 (0.57)	8.9 (0.81)	7.0 (0.53)
Required faculty and staff to wear badges or picture IDs .....	25.4 (1.39)	48.0 (1.21)	47.9 (1.12)	58.3 (1.37)	62.9 (1.14)	68.0 (1.65)	67.9 (1.36)
Required clear book bags or banned book bags on school grounds .....	5.9 (0.50)	6.2 (0.63)	6.4 (0.43)	6.0 (0.48)	5.5 (0.53)	6.3 (0.81)	3.9 (0.44)
Provided school lockers to students .....	46.5 (1.07)	49.5 (1.24)	50.5 (1.08)	48.9 (1.17)	52.1 (1.10)	49.9 (1.35)	50.4 (1.24)
<b>Drug testing</b>							
Athletes .....	— (†)	4.2 (0.44)	5.0 (0.46)	6.4 (0.48)	6.0 (0.52)	6.6 (0.59)	7.2 (0.55)
Students in extracurricular activities (other than athletes) .....	— (†)	2.6 (0.37)	3.4 (0.32)	4.5 (0.51)	4.6 (0.47)	4.3 (0.47)	6.0 (0.53)
Any other students .....	— (†)	— (†)	3.0 (0.34)	3.0 (0.42)	3.0 (0.26)	3.5 (0.44)	— (†)
<b>Metal detectors, dogs, and sweeps</b>							
Random metal detector checks on students .....	7.2 (0.54)	5.6 (0.55)	4.9 (0.40)	5.3 (0.37)	5.2 (0.42)	4.2 (0.48)	4.5 (0.48)
Students required to pass through metal detectors daily .....	0.9 (0.16)	1.1 (0.16)	1.1 (0.18)	1.3 (0.20)	1.4 (0.24)	2.0 (0.40)	1.8 (0.32)
Random dog sniffs to check for drugs .....	20.6 (0.75)	21.3 (0.77)	23.0 (0.79)	21.5 (0.59)	22.9 (0.71)	24.1 (0.97)	24.6 (0.85)
Random sweeps <sup>2</sup> for contraband (e.g., drugs or weapons) .....	11.8 (0.54)	12.8 (0.58)	13.1 (0.76)	11.4 (0.71)	12.1 (0.68)	11.4 (0.86)	11.9 (0.78)
<b>Communication systems and technology</b>							
Provided telephones in most classrooms .....	44.6 (1.80)	60.8 (1.48)	66.9 (1.30)	71.6 (1.16)	74.0 (1.13)	78.7 (1.34)	79.3 (1.14)
Provided electronic notification system for schoolwide emergency .....	— (†)	— (†)	— (†)	43.2 (1.26)	63.1 (1.40)	81.6 (1.12)	73.0 (1.35)
Provided structured anonymous threat reporting system <sup>3</sup> .....	— (†)	— (†)	— (†)	31.2 (1.22)	35.9 (1.19)	46.5 (1.63)	43.9 (1.58)
Had silent alarms directly connected to law enforcement .....	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	27.1 (1.23)
Used security cameras to monitor the school .....	19.4 (0.88)	36.0 (1.28)	42.8 (1.29)	55.0 (1.37)	61.1 (1.16)	75.1 (1.31)	80.6 (0.96)
Provided two-way radios to any staff .....	— (†)	71.2 (1.18)	70.9 (1.22)	73.1 (1.15)	73.3 (1.33)	74.2 (1.42)	73.3 (1.22)
Limited access to social networking sites from school computers .....	— (†)	— (†)	— (†)	— (†)	93.4 (0.59)	91.9 (0.80)	89.1 (0.88)
Prohibited use of cell phones and text messaging devices .....	— (†)	— (†)	— (†)	— (†)	90.9 (0.67)	75.9 (1.07)	65.8 (1.36)

—Not available.

†Not applicable.

<sup>1</sup>Data for 2013–14 were collected using the Fast Response Survey System (FRSS), while data for all other years were collected using the School Survey on Crime and Safety (SSOCS). The 2013–14 FRSS survey was designed to allow comparisons with SSOCS data. However, respondents to the 2013–14 survey could choose either to complete the survey on paper (and mail it back) or to complete the survey online, whereas respondents to SSOCS did not have the option of completing the survey online. The 2013–14 survey also relied on a smaller sample. The smaller sample size and difference in survey administration may have impacted the 2013–14 results.

<sup>2</sup>Does not include random dog sniffs.

<sup>3</sup>For example, a system for reporting threats through online submission, telephone hotline, or written submission via drop box.

NOTE: Responses were provided by the principal or the person most knowledgeable about crime and safety issues at the school.

SOURCE: U.S. Department of Education, National Center for Education Statistics, 1999–2000, 2003–04, 2005–06, 2007–08, 2009–10, and 2015–16 School Survey on Crime and Safety (SSOCS), 2000, 2004, 2006, 2008, 2010, and 2016; and Fast Response Survey System (FRSS), “School Safety and Discipline: 2013–14,” FRSS 106, 2014. (This table was prepared September 2017.)

**Table 233.60. Percentage of public schools with various safety and security measures, by selected school characteristics: 2015–16**

[Standard errors appear in parentheses]

School characteristic	Total schools		Percent of schools with safety and security measures												
	Number	Percentage distribution	Controlled access		Student dress, IDs, and school supplies					Metal detectors, dogs, and sweeps					Used security cameras to monitor the school
			School buildings <sup>1</sup>	School grounds <sup>2</sup>	School uniforms required	Strict dress code enforced	Student badges or picture IDs required	Faculty/staff badges or picture IDs required	Book bags must be clear or are banned	Random metal detector checks	Daily metal detector checks <sup>3</sup>	Random dog sniffs for drugs	Random sweeps for contraband <sup>4</sup>		
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	
<b>Total</b> .....	<b>83,600</b> (210)	<b>100.0</b> (†)	<b>94.1</b> (0.64)	<b>49.9</b> (1.53)	<b>21.5</b> (1.36)	<b>53.1</b> (1.22)	<b>7.0</b> (0.53)	<b>67.9</b> (1.36)	<b>3.9</b> (0.44)	<b>4.5</b> (0.48)	<b>1.8</b> (0.32)	<b>24.6</b> (0.85)	<b>11.9</b> (0.78)	<b>80.6</b> (0.96)	
<b>School level<sup>5</sup></b>															
Primary .....	49,100 (180)	58.7 (0.14)	95.6 (0.87)	55.4 (2.23)	25.4 (2.07)	46.5 (2.03)	2.9 (0.75)	73.2 (2.05)	2.0! (0.61)	2.0! (0.65)	‡ (†)	5.9 (0.99)	3.1! (0.97)	73.2 (1.43)	
Middle .....	15,600 (30)	18.7 (0.06)	94.4 (0.87)	45.3 (2.12)	19.5 (1.55)	70.0 (1.84)	13.0 (1.09)	68.4 (1.87)	8.2 (1.09)	7.1 (1.06)	2.7 (0.74)	41.5 (1.95)	16.3 (1.12)	88.6 (1.30)	
High school .....	12,800 (50)	15.3 (0.06)	89.6 (1.21)	45.3 (1.87)	12.0 (1.27)	55.0 (1.42)	16.2 (1.28)	60.6 (2.22)	6.5 (1.04)	10.6 (1.10)	5.9 (1.11)	62.3 (2.07)	32.6 (1.92)	94.2 (1.28)	
Combined .....	6,200 (120)	7.4 (0.13)	90.2 (4.10)	26.7 (4.72)	14.7 (3.60)	59.1 (5.82)	4.9! (2.26)	38.9 (5.50)	‡ (†)	4.7! (2.15)	‡ (†)	51.9 (6.43)	28.1 (4.87)	91.3 (3.78)	
<b>Enrollment size</b>															
Less than 300 .....	18,200 (190)	21.7 (0.18)	89.9 (2.24)	38.6 (3.71)	15.9 (2.51)	46.6 (3.28)	3.3! (1.32)	45.9 (3.95)	2.8 (0.82)	2.0! (0.72)	2.0! (0.69)	21.9 (2.22)	12.9 (2.16)	73.8 (3.06)	
300 to 499 .....	25,000 (110)	29.9 (0.12)	95.5 (1.10)	48.0 (2.97)	22.8 (2.34)	49.3 (2.64)	3.5 (0.85)	70.5 (2.74)	4.3 (1.06)	2.9! (0.98)	1.5! (0.71)	18.9 (1.53)	8.9 (1.66)	81.2 (2.32)	
500 to 999 .....	31,700 (90)	38.0 (0.12)	96.0 (0.66)	55.9 (2.49)	25.0 (2.15)	58.3 (2.20)	8.1 (1.10)	76.2 (1.57)	3.4 (0.53)	4.7 (0.72)	1.6! (0.50)	22.7 (1.09)	10.5 (1.05)	81.3 (1.64)	
1,000 or more .....	8,700 (10)	10.4 (0.03)	91.8 (0.95)	57.1 (2.40)	16.5 (1.71)	58.4 (2.18)	20.4 (1.64)	75.9 (2.14)	6.8 (1.25)	13.3 (1.32)	3.3 (0.63)	53.4 (2.13)	23.3 (1.93)	90.9 (1.34)	
<b>Locale</b>															
City .....	22,800 (110)	27.2 (0.11)	95.7 (0.94)	60.2 (2.71)	41.6 (3.40)	61.4 (3.32)	11.7 (1.52)	64.5 (3.31)	4.7 (0.87)	8.8 (1.36)	5.6 (1.13)	14.9 (1.34)	10.8 (1.48)	80.7 (2.25)	
Suburban .....	27,400 (90)	32.7 (0.11)	95.5 (0.97)	51.7 (2.32)	18.1 (1.90)	46.0 (2.36)	7.3 (0.75)	81.0 (1.74)	2.5 (0.56)	3.8 (0.67)	0.4! (0.15)	19.5 (1.23)	8.2 (0.81)	78.0 (1.92)	
Town .....	11,000 (80)	13.1 (0.09)	92.8 (1.94)	46.0 (4.35)	16.0 (3.26)	52.4 (4.20)	4.6 (1.19)	65.8 (3.89)	5.7! (1.84)	3.1! (1.07)	‡ (†)	31.4 (1.74)	14.9 (1.47)	81.0 (3.05)	
Rural .....	22,500 (150)	26.9 (0.15)	91.4 (1.85)	39.1 (3.33)	7.9 (1.71)	53.7 (2.68)	2.9! (0.92)	56.3 (2.60)	3.9 (0.92)	1.5 (0.44)	0.6! (0.23)	37.1 (2.74)	16.0 (2.01)	83.6 (2.10)	
<b>Percent combined enrollment of Black, Hispanic, Asian, Pacific Islander, and American Indian/Alaska Native students, and students of Two or more races</b>															
Less than 5 percent .....	5,300 (550)	6.3 (0.65)	97.3 (2.70)	35.0 (6.56)	‡ (†)	50.6 (6.21)	‡ (†)	53.2 (5.76)	‡ (†)	‡ (†)	‡ (†)	37.0 (6.28)	22.6 (5.38)	82.5 (6.01)	
5 percent to less than 20 percent .....	21,300 (900)	25.5 (1.09)	93.2 (1.49)	34.5 (2.94)	3.4 (1.00)	40.2 (2.85)	4.1 (1.07)	71.5 (2.63)	2.9 (0.67)	1.1! (0.50)	‡ (†)	32.6 (2.69)	11.4 (1.57)	82.7 (2.17)	
20 percent to less than 50 percent .....	21,900 (800)	26.2 (0.94)	93.3 (1.30)	45.4 (3.11)	7.9 (1.35)	44.2 (2.87)	4.7 (0.62)	73.8 (2.19)	2.7 (0.56)	2.7 (0.71)	‡ (†)	23.6 (1.95)	9.4 (1.26)	84.0 (2.10)	
50 percent or more .....	35,100 (1,110)	42.0 (1.32)	94.7 (0.88)	64.3 (2.09)	43.6 (2.48)	66.8 (2.08)	11.1 (1.14)	64.2 (2.55)	5.3 (0.77)	8.3 (0.99)	4.1 (0.71)	18.4 (1.34)	12.1 (1.17)	76.9 (1.81)	
<b>Percent of students eligible for free or reduced-price lunch</b>															
0 to 25 percent .....	13,900 (920)	16.6 (1.10)	94.3 (1.69)	43.6 (2.95)	8.4 (2.14)	36.5 (3.45)	7.2 (1.41)	77.9 (3.12)	2.0! (0.77)	1.1! (0.56)	‡ (†)	18.1 (1.93)	5.5 (0.88)	78.2 (3.35)	
26 to 50 percent .....	23,400 (1,070)	28.0 (1.28)	93.5 (1.14)	40.6 (3.00)	6.2 (1.32)	42.8 (2.87)	4.0 (0.54)	69.8 (2.57)	2.5 (0.52)	1.6! (0.47)	‡ (†)	30.3 (1.91)	12.0 (1.38)	83.0 (1.97)	
51 to 75 percent .....	23,000 (1,100)	27.6 (1.30)	92.9 (1.66)	50.8 (3.17)	17.8 (2.31)	57.6 (2.35)	8.5 (1.12)	65.8 (3.02)	3.2 (0.70)	3.8 (0.54)	1.0! (0.38)	30.3 (2.23)	14.1 (1.63)	83.3 (2.52)	
76 to 100 percent .....	23,300 (1,120)	27.9 (1.34)	95.7 (0.89)	62.0 (2.67)	48.3 (3.05)	68.7 (2.91)	8.2 (1.23)	61.9 (3.29)	7.1 (1.13)	10.0 (1.46)	5.4 (1.04)	16.9 (1.60)	13.4 (1.52)	77.1 (2.49)	

†Not applicable.  
 !Interpret data with caution. The coefficient of variation (CV) for this estimate is between 30 and 50 percent.  
 ‡Reporting standards not met. Either there are too few cases for a reliable estimate or the coefficient of variation (CV) is 50 percent or greater.  
<sup>1</sup>Access to buildings is controlled during school hours (e.g., by locked or monitored doors).  
<sup>2</sup>Access to grounds is controlled during school hours (e.g., by locked or monitored gates).  
<sup>3</sup>All students must pass through a metal detector each day.  
<sup>4</sup>Examples of contraband include drugs and weapons. The “sweeps” category does not include dog sniffs.

<sup>5</sup>Primary schools are defined as schools in which the lowest grade is not higher than grade 3 and the highest grade is not higher than grade 8. Middle schools are defined as schools in which the lowest grade is not lower than grade 4 and the highest grade is not higher than grade 9. High schools are defined as schools in which the lowest grade is not lower than grade 9 and the highest grade is not higher than grade 12. Combined schools include all other combinations of grades, including K–12 schools.  
 NOTE: Responses were provided by the principal or the person most knowledgeable about crime and safety issues at the school. Detail may not sum to totals because of rounding.  
 SOURCE: U.S. Department of Education, National Center for Education Statistics, 2015–16 School Survey on Crime and Safety (SSOCS), 2016. (This table was prepared September 2017.)

**Table 233.65. Percentage of public schools with a written plan for procedures to be performed in selected scenarios and percentage that have drilled students on the use of selected emergency procedures, by selected school characteristics: Selected years, 2003–04 through 2015–16**

[Standard errors appear in parentheses]

Year and school characteristic	Percent with a written plan that describes procedures to be performed in selected scenarios									Percent that have drilled students during the current school year on the use of selected emergency procedures <sup>1</sup>		
	Shootings <sup>2</sup>	Natural disasters <sup>3</sup>	Hostages	Bomb threats or incidents	Chemical, biological, or radiological threats or incidents <sup>4</sup>	Suicide threat or incident	Severe risk of terrorist attack <sup>5</sup>	Pandemic flu	Post-crisis reunification of students with their families	Evacuation <sup>6</sup>	Lockdown <sup>7</sup>	Shelter-in-place <sup>8</sup>
1	2	3	4	5	6	7	8	9	10	11	12	13
<b>2003–04<sup>9,10</sup></b>												
<b>All public schools</b>	<b>78.5 (1.17)</b>	<b>96.0 (0.52)</b>	<b>73.5 (1.12)</b>	<b>94.0 (0.71)</b>	<b>69.2 (1.15)</b>	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)
School level <sup>11</sup>												
Primary	75.5 (1.87)	96.9 (0.73)	73.0 (1.62)	94.5 (0.95)	70.6 (1.73)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)
Middle	86.1 (1.20)	96.9 (0.53)	77.6 (1.25)	95.6 (0.66)	70.3 (1.49)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)
High school	85.7 (1.29)	95.4 (0.82)	78.9 (1.60)	96.1 (0.84)	72.5 (1.60)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)
Combined	72.0 (4.69)	88.5 (3.62)	58.3 (4.58)	82.6 (4.39)	51.2 (4.88)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)
Enrollment size												
Less than 300	69.4 (3.06)	91.8 (1.84)	63.5 (3.06)	88.2 (2.37)	58.4 (3.18)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)
300 to 499	79.7 (2.25)	97.3 (0.78)	74.7 (2.23)	94.1 (1.20)	72.4 (2.23)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)
500 to 999	81.5 (1.46)	97.5 (0.59)	76.6 (1.58)	96.8 (0.67)	72.3 (1.68)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)
1,000 or more	85.3 (1.67)	96.8 (0.77)	81.4 (1.85)	96.7 (0.98)	73.8 (2.03)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)
Locale												
City	74.0 (2.71)	95.8 (0.96)	67.4 (2.92)	92.9 (1.43)	70.7 (2.62)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)
Suburban	80.9 (1.65)	97.1 (0.95)	78.5 (1.74)	96.7 (0.73)	74.3 (1.86)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)
Town	80.5 (2.85)	96.6 (1.39)	75.4 (3.36)	95.3 (1.28)	65.1 (3.10)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)
Rural	78.8 (2.15)	94.8 (1.10)	72.2 (2.36)	91.3 (1.57)	64.2 (2.63)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)
Percent combined enrollment of Black, Hispanic, Asian, Pacific Islander, and American Indian/Alaska Native students												
Less than 5 percent	84.6 (2.40)	97.1 (0.86)	75.7 (2.32)	94.9 (1.27)	70.4 (2.57)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)
5 percent to less than 20 percent	79.9 (3.09)	95.1 (1.26)	77.9 (2.45)	96.2 (0.93)	69.2 (3.05)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)
20 percent to less than 50 percent	74.6 (2.92)	98.1 (0.73)	72.5 (2.77)	92.5 (1.48)	68.6 (2.54)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)
50 percent or more	75.7 (2.44)	94.3 (1.05)	68.2 (2.57)	92.7 (1.67)	69.4 (2.35)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)
Percent of students eligible for free or reduced-price lunch												
0 to 25 percent	80.9 (1.77)	96.7 (0.85)	76.5 (1.69)	95.2 (1.13)	72.9 (1.95)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)
26 to 50 percent	81.5 (1.98)	96.9 (0.76)	78.4 (1.75)	95.4 (0.98)	71.4 (2.05)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)
51 to 75 percent	77.4 (2.45)	95.9 (1.23)	69.7 (2.84)	93.8 (1.48)	66.2 (3.17)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)
76 to 100 percent	71.7 (3.38)	93.8 (1.61)	65.9 (3.38)	90.2 (2.45)	63.8 (3.23)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)
<b>2005–06<sup>9,10</sup></b>												
<b>All public schools</b>	<b>79.3 (1.31)</b>	<b>95.0 (0.65)</b>	<b>73.1 (1.12)</b>	<b>94.5 (0.65)</b>	<b>70.5 (1.04)</b>	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)
School level <sup>11</sup>												
Primary	74.5 (2.16)	94.6 (1.09)	71.1 (1.98)	93.5 (1.02)	68.9 (1.73)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)
Middle	84.2 (1.27)	96.6 (0.61)	75.4 (1.53)	96.7 (0.55)	73.9 (1.68)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)
High school	86.9 (1.39)	95.5 (0.76)	77.2 (1.44)	96.6 (0.88)	71.8 (1.40)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)
Combined	88.4 (3.53)	93.4 (2.32)	75.0 (3.28)	92.9 (2.31)	71.9 (3.58)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)

See notes at end of table.

**Table 233.65. Percentage of public schools with a written plan for procedures to be performed in selected scenarios and percentage that have drilled students on the use of selected emergency procedures, by selected school characteristics: Selected years, 2003–04 through 2015–16—Continued**

[Standard errors appear in parentheses]

Year and school characteristic	Percent with a written plan that describes procedures to be performed in selected scenarios									Percent that have drilled students during the current school year on the use of selected emergency procedures <sup>1</sup>		
	Shootings <sup>2</sup>	Natural disasters <sup>3</sup>	Hostages	Bomb threats or incidents	Chemical, biological, or radiological threats or incidents <sup>4</sup>	Suicide threat or incident	Severe risk of terrorist attack <sup>5</sup>	Pandemic flu	Post-crisis reunification of students with their families	Evacuation <sup>6</sup>	Lockdown <sup>7</sup>	Shelter-in-place <sup>8</sup>
1	2	3	4	5	6	7	8	9	10	11	12	13
<b>Enrollment size</b>												
Less than 300 .....	74.0 (3.44)	89.5 (2.16)	67.8 (3.05)	89.1 (2.36)	67.9 (2.44)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)
300 to 499 .....	77.8 (2.05)	96.9 (0.81)	76.0 (2.13)	96.0 (0.99)	69.5 (2.48)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)
500 to 999 .....	82.0 (1.42)	97.1 (0.52)	72.9 (1.85)	96.4 (0.69)	72.5 (1.77)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)
1,000 or more .....	86.3 (1.67)	95.6 (0.95)	78.3 (1.77)	97.0 (0.95)	72.6 (2.09)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)
<b>Locale</b>												
City .....	76.3 (2.34)	93.9 (1.24)	66.3 (2.12)	94.4 (1.13)	68.7 (2.24)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)
Suburban .....	81.2 (1.63)	96.5 (0.82)	77.3 (1.58)	97.1 (0.73)	75.7 (1.70)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)
Town .....	81.4 (3.39)	95.0 (2.05)	69.1 (3.58)	95.8 (1.83)	64.6 (4.11)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)
Rural .....	79.1 (2.31)	94.2 (1.22)	75.4 (2.14)	91.5 (1.70)	68.4 (2.09)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)
<b>Percent combined enrollment of Black, Hispanic, Asian, Pacific Islander, and American Indian/Alaska Native students</b>												
Less than 5 percent .....	77.0 (2.99)	92.2 (1.98)	74.5 (3.00)	93.5 (1.92)	75.9 (2.40)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)
5 percent to less than 20 percent .....	82.4 (2.05)	95.6 (0.99)	78.6 (2.12)	95.4 (1.22)	72.8 (2.72)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)
20 percent to less than 50 percent .....	82.3 (1.95)	97.0 (0.96)	75.9 (1.82)	95.9 (1.09)	71.3 (2.12)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)
50 percent or more .....	75.5 (1.96)	94.4 (1.16)	65.0 (1.82)	93.1 (1.10)	65.9 (2.08)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)
<b>Percent of students eligible for free or reduced-price lunch</b>												
0 to 25 percent .....	82.1 (1.87)	96.2 (0.89)	76.3 (1.50)	95.3 (1.20)	75.5 (1.66)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)
26 to 50 percent .....	80.6 (2.06)	95.7 (1.02)	75.8 (2.20)	96.7 (1.03)	72.7 (2.21)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)
51 to 75 percent .....	81.8 (2.23)	95.1 (1.43)	73.7 (2.25)	94.3 (1.29)	71.3 (2.55)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)
76 to 100 percent .....	69.8 (2.68)	91.8 (2.07)	63.5 (2.67)	90.2 (1.95)	58.7 (3.25)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)
<b>2007–08<sup>10</sup></b>												
<b>All public schools .....</b>	<b>83.0 (1.31)</b>	<b>95.8 (0.48)</b>	<b>71.3 (1.26)</b>	<b>93.8 (0.65)</b>	<b>71.5 (1.16)</b>	<b>74.1 (1.33)</b>	<b>40.0 (1.26)</b>	<b>36.1 (1.10)</b>	<b>— (†)</b>	<b>— (†)</b>	<b>— (†)</b>	<b>— (†)</b>
<b>School level<sup>11</sup></b>												
Primary .....	79.9 (2.07)	96.3 (0.75)	69.8 (2.06)	93.4 (0.97)	71.5 (1.83)	69.7 (1.91)	41.2 (1.93)	34.7 (1.57)	— (†)	— (†)	— (†)	— (†)
Middle .....	88.3 (1.21)	96.1 (0.79)	76.3 (1.41)	96.7 (0.67)	73.2 (1.83)	80.8 (1.47)	39.4 (1.63)	39.7 (1.57)	— (†)	— (†)	— (†)	— (†)
High school .....	90.6 (1.07)	94.3 (0.79)	76.0 (1.56)	96.0 (0.90)	73.0 (1.82)	84.2 (1.40)	40.5 (1.80)	38.3 (1.81)	— (†)	— (†)	— (†)	— (†)
Combined .....	80.1 (4.55)	94.6 (2.18)	62.7 (5.31)	86.3 (4.22)	65.8 (5.30)	72.8 (5.05)	31.8 (4.65)	34.3 (4.64)	— (†)	— (†)	— (†)	— (†)
<b>Enrollment size</b>												
Less than 300 .....	75.7 (3.40)	93.6 (1.74)	61.5 (3.81)	88.3 (2.47)	61.2 (3.15)	68.2 (4.18)	35.8 (3.25)	34.0 (3.61)	— (†)	— (†)	— (†)	— (†)
300 to 499 .....	81.1 (2.27)	96.3 (0.95)	70.6 (2.54)	93.7 (1.62)	72.6 (2.59)	73.0 (2.08)	36.8 (2.53)	36.0 (2.68)	— (†)	— (†)	— (†)	— (†)
500 to 999 .....	87.0 (1.36)	96.9 (0.65)	76.5 (1.80)	96.9 (0.72)	76.1 (1.70)	76.1 (1.75)	44.2 (1.88)	37.2 (1.79)	— (†)	— (†)	— (†)	— (†)
1,000 or more .....	90.3 (1.44)	95.6 (0.87)	76.7 (2.10)	95.6 (1.03)	75.4 (2.20)	82.8 (1.93)	43.6 (2.19)	37.0 (2.17)	— (†)	— (†)	— (†)	— (†)
<b>Locale</b>												
City .....	83.0 (2.03)	95.1 (1.16)	69.4 (2.64)	94.9 (1.17)	73.9 (2.30)	75.5 (2.23)	49.3 (2.42)	32.1 (2.71)	— (†)	— (†)	— (†)	— (†)
Suburban .....	84.9 (1.88)	96.3 (0.93)	74.7 (1.91)	96.9 (0.82)	76.0 (1.82)	76.3 (2.38)	43.4 (2.24)	36.8 (2.19)	— (†)	— (†)	— (†)	— (†)
Town .....	85.3 (2.56)	96.8 (1.27)	73.9 (3.00)	94.4 (1.89)	70.3 (2.97)	73.3 (3.26)	30.6 (2.94)	38.7 (3.06)	— (†)	— (†)	— (†)	— (†)
Rural .....	80.3 (2.70)	95.7 (1.11)	68.7 (2.44)	89.8 (1.78)	66.1 (2.23)	71.3 (2.22)	33.6 (2.32)	37.5 (2.54)	— (†)	— (†)	— (†)	— (†)

See notes at end of table.

**Table 233.65. Percentage of public schools with a written plan for procedures to be performed in selected scenarios and percentage that have drilled students on the use of selected emergency procedures, by selected school characteristics: Selected years, 2003–04 through 2015–16—Continued**

[Standard errors appear in parentheses]

Year and school characteristic	Percent with a written plan that describes procedures to be performed in selected scenarios									Percent that have drilled students during the current school year on the use of selected emergency procedures <sup>1</sup>			
	Shootings <sup>2</sup>	Natural disasters <sup>3</sup>	Hostages	Bomb threats or incidents	Chemical, biological, or radiological threats or incidents <sup>4</sup>	Suicide threat or incident	Severe risk of terrorist attack <sup>5</sup>	Pandemic flu	Post-crisis reunification of students with their families	Evacuation <sup>6</sup>	Lockdown <sup>7</sup>	Shelter-in-place <sup>8</sup>	
1	2	3	4	5	6	7	8	9	10	11	12	13	
Percent combined enrollment of Black, Hispanic, Asian, Pacific Islander, and American Indian/Alaska Native students													
Less than 5 percent .....	80.6 (3.20)	95.0 (1.51)	75.5 (2.94)	94.4 (1.77)	68.2 (3.03)	75.7 (3.67)	36.4 (3.41)	42.8 (3.13)	— (†)	— (†)	— (†)	— (†)	
5 percent to less than 20 percent .....	87.8 (2.07)	96.9 (0.91)	71.9 (2.16)	93.9 (1.45)	74.6 (2.16)	80.0 (2.08)	36.2 (2.36)	41.4 (2.97)	— (†)	— (†)	— (†)	— (†)	
20 percent to less than 50 percent .....	84.5 (1.98)	96.1 (1.13)	73.1 (2.79)	95.9 (1.10)	74.3 (2.43)	70.4 (2.46)	40.1 (2.36)	34.3 (2.31)	— (†)	— (†)	— (†)	— (†)	
50 percent or more .....	79.4 (2.01)	95.3 (0.91)	67.6 (2.29)	91.9 (1.30)	68.8 (2.19)	71.5 (2.04)	44.7 (2.52)	30.0 (2.19)	— (†)	— (†)	— (†)	— (†)	
Percent of students eligible for free or reduced-price lunch													
0 to 25 percent .....	86.9 (1.91)	95.8 (0.95)	75.2 (2.25)	96.8 (0.89)	76.8 (1.78)	78.4 (2.02)	40.8 (2.22)	39.6 (2.71)	— (†)	— (†)	— (†)	— (†)	
26 to 50 percent .....	85.3 (2.02)	97.0 (0.93)	71.7 (2.40)	94.2 (1.37)	72.7 (2.29)	73.9 (2.39)	37.8 (2.27)	39.1 (2.33)	— (†)	— (†)	— (†)	— (†)	
51 to 75 percent .....	79.3 (2.55)	96.2 (1.10)	71.2 (2.79)	92.8 (1.51)	67.5 (2.56)	71.7 (3.05)	38.8 (2.65)	32.9 (2.76)	— (†)	— (†)	— (†)	— (†)	
76 to 100 percent .....	78.6 (2.90)	93.6 (1.53)	65.9 (3.72)	90.3 (2.00)	67.5 (2.92)	71.5 (2.71)	43.9 (3.69)	30.3 (2.98)	— (†)	— (†)	— (†)	— (†)	
<b>2009–10<sup>10</sup></b>													
<b>All public schools .....</b>	<b>84.3 (1.10)</b>	<b>95.1 (0.54)</b>	<b>74.3 (1.20)</b>	<b>93.5 (0.66)</b>	<b>71.1 (1.28)</b>	<b>74.9 (1.30)</b>	<b>41.3 (1.23)</b>	<b>69.4 (1.34)</b>	<b>— (†)</b>	<b>— (†)</b>	<b>— (†)</b>	<b>— (†)</b>	
School level <sup>11</sup>													
Primary .....	80.6 (1.68)	95.1 (0.82)	72.4 (1.78)	92.4 (1.04)	69.3 (1.78)	69.9 (1.88)	42.5 (1.95)	67.1 (1.96)	— (†)	— (†)	— (†)	— (†)	
Middle .....	88.1 (1.06)	95.7 (0.94)	77.0 (1.37)	95.5 (0.78)	74.7 (1.98)	83.7 (1.21)	41.0 (1.88)	71.8 (1.45)	— (†)	— (†)	— (†)	— (†)	
High school .....	91.4 (1.16)	94.6 (0.92)	77.4 (1.69)	96.5 (1.06)	76.8 (1.66)	83.1 (1.30)	43.7 (1.97)	75.6 (1.49)	— (†)	— (†)	— (†)	— (†)	
Combined .....	89.2 (4.16)	94.8 (2.53)	76.4 (4.41)	91.8 (2.95)	65.1 (5.04)	77.0 (4.38)	28.0 (5.10)	69.5 (5.15)	— (†)	— (†)	— (†)	— (†)	
Enrollment size													
Less than 300 .....	83.3 (2.71)	93.3 (1.71)	74.2 (2.83)	90.4 (1.82)	64.9 (3.45)	70.1 (3.43)	37.8 (3.40)	64.9 (3.17)	— (†)	— (†)	— (†)	— (†)	
300 to 499 .....	81.1 (2.25)	96.6 (0.80)	72.5 (2.41)	94.7 (1.09)	70.0 (2.12)	74.3 (2.39)	42.9 (2.45)	72.4 (2.31)	— (†)	— (†)	— (†)	— (†)	
500 to 999 .....	86.0 (1.33)	94.6 (0.87)	75.2 (1.49)	94.0 (0.89)	74.2 (1.59)	76.0 (1.58)	41.5 (1.56)	69.2 (1.58)	— (†)	— (†)	— (†)	— (†)	
1,000 or more .....	89.4 (1.53)	96.2 (0.86)	76.3 (2.09)	95.4 (1.13)	77.2 (1.94)	83.6 (1.68)	43.2 (2.06)	70.9 (1.70)	— (†)	— (†)	— (†)	— (†)	
Locale													
City .....	81.0 (2.48)	93.5 (1.09)	71.7 (2.55)	92.8 (1.37)	68.8 (2.45)	74.9 (2.64)	44.4 (2.95)	68.7 (2.33)	— (†)	— (†)	— (†)	— (†)	
Suburban .....	83.4 (1.94)	94.0 (1.12)	73.7 (2.11)	93.7 (1.38)	73.0 (2.25)	72.6 (2.52)	45.6 (2.05)	70.9 (1.90)	— (†)	— (†)	— (†)	— (†)	
Town .....	86.5 (2.77)	98.2 (0.67)	77.9 (3.06)	96.0 (1.73)	73.5 (3.44)	76.4 (3.34)	36.3 (3.15)	69.2 (3.34)	— (†)	— (†)	— (†)	— (†)	
Rural .....	86.8 (2.03)	96.1 (1.11)	75.3 (2.68)	92.9 (1.41)	70.2 (2.61)	76.6 (2.30)	36.9 (2.38)	68.6 (2.59)	— (†)	— (†)	— (†)	— (†)	
Percent combined enrollment of Black, Hispanic, Asian, Pacific Islander, and American Indian/Alaska Native students													
Less than 5 percent .....	86.8 (2.99)	97.7 (0.94)	74.9 (3.03)	94.2 (1.88)	74.5 (2.94)	83.5 (2.61)	40.0 (3.15)	70.6 (3.46)	— (†)	— (†)	— (†)	— (†)	
5 percent to less than 20 percent .....	85.3 (2.52)	95.8 (1.11)	75.2 (2.40)	93.9 (1.49)	70.0 (3.06)	76.5 (2.39)	36.7 (2.63)	69.8 (2.80)	— (†)	— (†)	— (†)	— (†)	
20 percent to less than 50 percent .....	87.2 (1.55)	93.2 (1.42)	78.4 (1.96)	95.7 (0.99)	75.1 (2.20)	74.3 (2.43)	42.1 (2.30)	75.4 (1.88)	— (†)	— (†)	— (†)	— (†)	
50 percent or more .....	80.6 (2.00)	94.8 (0.94)	70.6 (2.04)	91.6 (1.05)	68.0 (2.34)	70.9 (2.16)	44.4 (2.32)	64.6 (2.33)	— (†)	— (†)	— (†)	— (†)	
Percent of students eligible for free or reduced-price lunch													
0 to 25 percent .....	83.7 (2.44)	95.5 (1.07)	74.2 (2.42)	94.6 (1.26)	74.6 (2.47)	81.3 (2.22)	43.9 (2.85)	72.8 (2.70)	— (†)	— (†)	— (†)	— (†)	
26 to 50 percent .....	85.8 (1.98)	95.1 (1.06)	77.7 (2.16)	94.9 (1.35)	76.8 (2.08)	77.7 (1.98)	41.6 (2.35)	74.3 (2.04)	— (†)	— (†)	— (†)	— (†)	
51 to 75 percent .....	85.4 (1.81)	95.5 (1.08)	74.6 (2.00)	93.2 (1.22)	67.7 (2.79)	71.8 (2.53)	38.8 (2.26)	68.2 (2.98)	— (†)	— (†)	— (†)	— (†)	
76 to 100 percent .....	81.5 (2.12)	94.3 (1.16)	69.9 (2.72)	91.3 (1.50)	65.5 (2.78)	69.9 (2.95)	41.6 (3.03)	62.0 (2.92)	— (†)	— (†)	— (†)	— (†)	

See notes at end of table.

**Table 233.65. Percentage of public schools with a written plan for procedures to be performed in selected scenarios and percentage that have drilled students on the use of selected emergency procedures, by selected school characteristics: Selected years, 2003–04 through 2015–16—Continued**

[Standard errors appear in parentheses]

Year and school characteristic	Percent with a written plan that describes procedures to be performed in selected scenarios									Percent that have drilled students during the current school year on the use of selected emergency procedures <sup>1</sup>		
	Shootings <sup>2</sup>	Natural disasters <sup>3</sup>	Hostages	Bomb threats or incidents	Chemical, biological, or radiological threats or incidents <sup>4</sup>	Suicide threat or incident	Severe risk of terrorist attack <sup>5</sup>	Pandemic flu	Post-crisis reunification of students with their families	Evacuation <sup>6</sup>	Lockdown <sup>7</sup>	Shelter-in-place <sup>8</sup>
1	2	3	4	5	6	7	8	9	10	11	12	13
<b>2013–14<sup>10,12</sup></b>												
<b>All public schools</b>	<b>88.3 (1.02)</b>	<b>93.8 (0.79)</b>	<b>50.2 (1.64)</b>	<b>87.6 (0.99)</b>	<b>59.5 (1.47)</b>	<b>71.7 (1.43)</b>	<b>46.8 (1.69)</b>	<b>36.4 (1.61)</b>	<b>— (†)</b>	<b>— (†)</b>	<b>— (†)</b>	<b>— (†)</b>
School level <sup>11</sup>												
Primary	87.2 (1.52)	94.2 (1.04)	46.7 (2.35)	85.8 (1.53)	57.6 (2.20)	66.9 (2.20)	43.0 (2.79)	34.2 (2.22)	— (†)	— (†)	— (†)	— (†)
Middle	91.2 (1.53)	94.5 (1.29)	55.3 (2.71)	92.3 (1.43)	61.0 (2.37)	80.0 (2.15)	55.6 (2.47)	40.8 (2.63)	— (†)	— (†)	— (†)	— (†)
High school/combined	88.7 (1.71)	92.1 (1.55)	55.2 (2.40)	88.2 (1.68)	63.6 (2.35)	77.5 (2.10)	49.4 (2.18)	38.7 (2.52)	— (†)	— (†)	— (†)	— (†)
Enrollment size												
Less than 300	87.2 (2.59)	91.0 (2.20)	48.1 (4.00)	85.3 (2.60)	53.9 (3.74)	66.0 (3.44)	41.8 (3.53)	34.2 (4.15)	— (†)	— (†)	— (†)	— (†)
300 to 499	86.2 (2.03)	93.2 (1.41)	45.9 (2.78)	85.1 (2.08)	55.1 (3.17)	67.8 (2.79)	43.9 (2.92)	34.8 (2.86)	— (†)	— (†)	— (†)	— (†)
500 to 999	90.2 (1.59)	95.9 (1.00)	54.1 (2.54)	89.5 (1.47)	64.3 (2.30)	76.0 (2.09)	50.1 (2.42)	38.4 (2.29)	— (†)	— (†)	— (†)	— (†)
1,000 or more	90.2 (1.93)	94.4 (1.85)	53.7 (2.84)	93.5 (1.47)	68.6 (2.91)	81.0 (2.60)	55.5 (3.10)	39.3 (2.78)	— (†)	— (†)	— (†)	— (†)
Locale												
City	85.0 (2.24)	91.9 (1.72)	46.0 (3.55)	82.1 (2.47)	57.9 (3.56)	67.0 (2.96)	49.2 (3.49)	35.4 (3.42)	— (†)	— (†)	— (†)	— (†)
Suburban	90.8 (1.67)	95.2 (1.49)	49.0 (3.23)	88.3 (1.89)	60.6 (2.78)	74.8 (2.79)	47.1 (2.96)	38.1 (3.05)	— (†)	— (†)	— (†)	— (†)
Town	90.7 (2.30)	93.8 (2.14)	49.7 (4.47)	92.1 (2.31)	68.2 (3.97)	71.7 (3.81)	48.5 (4.20)	39.1 (4.34)	— (†)	— (†)	— (†)	— (†)
Rural	87.9 (1.89)	94.0 (1.35)	54.5 (2.60)	89.2 (1.79)	56.6 (2.67)	72.6 (2.62)	44.2 (2.76)	34.8 (2.43)	— (†)	— (†)	— (†)	— (†)
Percent combined enrollment of Black, Hispanic, Asian, Pacific Islander, and American Indian/Alaska Native students												
Less than 5 percent	86.9 (3.93)	91.8 (3.74)	61.7 (5.80)	91.2 (4.21)	67.7 (6.32)	75.6 (4.89)	47.4 (5.71)	37.9 (6.10)	— (†)	— (†)	— (†)	— (†)
5 percent to less than 20 percent	90.4 (1.98)	96.2 (1.21)	48.4 (2.92)	90.3 (1.81)	58.0 (2.81)	72.4 (2.72)	46.0 (2.93)	34.0 (2.77)	— (†)	— (†)	— (†)	— (†)
20 percent to less than 50 percent	90.9 (1.68)	93.1 (1.53)	50.0 (3.07)	89.6 (1.88)	60.6 (2.91)	71.6 (2.64)	46.8 (3.08)	40.9 (3.10)	— (†)	— (†)	— (†)	— (†)
50 percent or more	85.2 (1.94)	93.0 (1.31)	49.0 (2.51)	83.2 (1.91)	58.0 (2.50)	70.5 (2.15)	47.4 (2.40)	34.5 (2.44)	— (†)	— (†)	— (†)	— (†)
Percent of students eligible for free or reduced-price lunch <sup>13</sup>												
0 to 25 percent	90.8 (2.38)	94.5 (1.75)	50.2 (3.98)	84.6 (3.03)	61.7 (3.78)	76.4 (3.54)	47.7 (3.92)	38.5 (3.68)	— (†)	— (†)	— (†)	— (†)
26 to 50 percent	88.9 (1.80)	92.5 (1.59)	47.0 (3.05)	88.6 (2.05)	60.2 (2.92)	71.9 (2.68)	46.6 (3.27)	35.1 (2.57)	— (†)	— (†)	— (†)	— (†)
51 to 75 percent	89.4 (2.00)	95.3 (1.34)	52.3 (3.03)	89.3 (1.78)	60.4 (3.10)	71.1 (2.61)	47.0 (3.23)	38.3 (3.12)	— (†)	— (†)	— (†)	— (†)
76 to 100 percent	85.5 (2.38)	93.8 (1.62)	50.6 (3.52)	86.7 (2.14)	54.7 (3.29)	68.0 (3.34)	45.9 (3.43)	31.1 (3.39)	— (†)	— (†)	— (†)	— (†)
<b>2015–16</b>												
<b>All public schools</b>	<b>92.4 (0.78)</b>	<b>96.1 (0.57)</b>	<b>60.5 (1.30)</b>	<b>94.1 (0.87)</b>	<b>73.1 (1.26)</b>	<b>84.6 (1.11)</b>	<b>— (†)</b>	<b>51.0 (1.49)</b>	<b>86.3 (1.09)</b>	<b>91.5 (1.02)</b>	<b>94.6 (0.78)</b>	<b>75.9 (1.12)</b>
School level <sup>11</sup>												
Primary	91.2 (1.22)	96.4 (0.86)	57.1 (2.07)	92.5 (1.36)	71.4 (1.84)	80.7 (1.76)	— (†)	50.9 (2.26)	87.2 (1.39)	91.2 (1.60)	95.5 (0.95)	75.2 (1.56)
Middle	94.0 (0.94)	96.3 (0.79)	62.6 (1.73)	96.5 (0.87)	75.2 (1.78)	89.4 (1.06)	— (†)	49.5 (1.91)	84.1 (1.49)	93.2 (0.96)	95.5 (0.86)	79.0 (1.91)
High school	95.3 (1.07)	95.5 (0.79)	67.3 (1.79)	97.3 (0.76)	77.2 (1.74)	91.3 (1.03)	— (†)	50.9 (1.96)	87.2 (1.49)	91.5 (1.23)	94.1 (1.05)	80.8 (1.57)
Combined	91.6 (3.24)	93.5 (2.99)	68.4 (5.96)	94.5 (2.76)	73.1 (5.24)	89.8 (3.57)	— (†)	55.2 (6.23)	82.6 (4.49)	89.8 (3.33)	86.2 (5.17)	63.0 (6.55)
Enrollment size												
Less than 300	89.0 (2.48)	93.1 (1.82)	58.7 (3.55)	88.9 (2.74)	70.4 (2.97)	79.2 (2.94)	— (†)	43.8 (3.73)	81.7 (2.76)	87.7 (2.93)	89.9 (2.47)	68.2 (3.47)
300 to 499	94.3 (1.28)	96.5 (1.01)	59.7 (2.97)	94.8 (1.31)	72.3 (3.05)	85.1 (2.16)	— (†)	52.4 (3.44)	85.9 (2.14)	90.2 (2.13)	94.9 (1.51)	77.1 (2.23)
500 to 999	91.5 (1.39)	97.6 (0.74)	60.5 (2.18)	95.3 (1.06)	73.6 (1.90)	84.8 (1.54)	— (†)	53.5 (2.05)	87.9 (1.57)	94.5 (1.04)	96.6 (0.78)	78.1 (1.70)
1,000 or more	96.9 (0.76)	95.3 (0.99)	67.1 (2.40)	98.9 (0.37)	79.6 (1.95)	93.8 (0.88)	— (†)	52.7 (2.40)	90.7 (1.44)	92.3 (1.30)	96.8 (0.78)	80.2 (1.92)
Locale												
City	91.3 (1.76)	96.6 (1.03)	63.3 (2.93)	93.6 (1.83)	74.9 (2.27)	85.4 (2.72)	— (†)	50.5 (2.68)	90.0 (1.82)	94.0 (1.37)	95.9 (1.26)	80.5 (2.27)
Suburban	92.3 (1.25)	95.5 (1.00)	57.3 (2.56)	94.9 (1.29)	71.2 (2.22)	85.8 (1.53)	— (†)	52.0 (2.42)	85.1 (1.82)	91.0 (1.46)	96.7 (0.89)	79.1 (1.72)
Town	94.4 (1.92)	96.6 (1.48)	54.5 (3.87)	96.2 (1.55)	75.2 (3.43)	82.0 (3.47)	— (†)	48.0 (3.94)	84.2 (3.11)	91.7 (2.20)	97.6 (0.83)	66.8 (3.71)
Rural	92.6 (1.71)	95.9 (1.23)	64.7 (2.84)	92.8 (1.79)	72.7 (2.45)	83.6 (2.38)	— (†)	51.6 (2.87)	84.9 (2.17)	89.5 (1.60)	89.5 (1.85)	71.7 (2.63)

See notes at end of table.

**Table 233.65. Percentage of public schools with a written plan for procedures to be performed in selected scenarios and percentage that have drilled students on the use of selected emergency procedures, by selected school characteristics: Selected years, 2003–04 through 2015–16—Continued**

[Standard errors appear in parentheses]

Year and school characteristic	Percent with a written plan that describes procedures to be performed in selected scenarios									Percent that have drilled students during the current school year on the use of selected emergency procedures <sup>1</sup>		
	Shootings <sup>2</sup>	Natural disasters <sup>3</sup>	Hostages	Bomb threats or incidents	Chemical, biological, or radiological threats or incidents <sup>4</sup>	Suicide threat or incident	Severe risk of terrorist attack <sup>5</sup>	Pandemic flu	Post-crisis reunification of students with their families	Evacuation <sup>6</sup>	Lockdown <sup>7</sup>	Shelter-in-place <sup>8</sup>
1	2	3	4	5	6	7	8	9	10	11	12	13
Percent combined enrollment of Black, Hispanic, Asian, Pacific Islander, and American Indian/Alaska Native students, and students of Two or more races <sup>14</sup>												
Less than 5 percent .....	95.3 (2.17)	95.1 (3.13)	67.8 (5.63)	97.7 (2.09)	67.7 (5.45)	77.1 (5.38)	— (†)	55.8 (5.85)	86.5 (4.18)	92.2 (3.02)	84.3 (5.41)	64.2 (6.69)
5 percent to less than 20 percent .....	92.9 (1.45)	96.6 (0.98)	58.1 (2.97)	93.7 (1.73)	72.4 (2.49)	89.0 (1.92)	— (†)	53.4 (2.66)	84.2 (2.38)	87.9 (1.96)	94.3 (1.37)	76.7 (2.77)
20 percent to less than 50 percent .....	93.8 (1.40)	96.2 (1.27)	56.3 (2.74)	92.8 (1.75)	72.4 (2.51)	82.1 (2.54)	— (†)	50.4 (2.79)	86.5 (1.91)	91.7 (2.04)	98.2 (0.47)	78.3 (2.15)
50 percent or more .....	90.7 (1.53)	95.8 (0.80)	63.6 (2.57)	94.7 (1.08)	74.8 (2.22)	84.7 (2.07)	— (†)	49.1 (2.40)	87.3 (1.74)	93.5 (1.15)	94.2 (1.11)	75.7 (2.05)
Percent of students eligible for free or reduced-price lunch												
0 to 25 percent .....	96.1 (1.30)	96.0 (1.38)	53.0 (3.49)	95.0 (1.60)	70.6 (3.64)	87.4 (2.37)	— (†)	52.9 (4.16)	85.0 (2.91)	91.5 (1.96)	95.8 (1.97)	79.4 (2.60)
26 to 50 percent .....	93.4 (1.45)	96.2 (1.04)	63.8 (2.73)	93.8 (1.80)	76.4 (2.37)	86.6 (2.26)	— (†)	56.8 (2.82)	87.3 (1.92)	89.5 (1.95)	95.3 (1.17)	77.5 (2.48)
51 to 75 percent .....	92.2 (1.49)	95.8 (1.16)	60.8 (2.56)	94.4 (1.33)	71.4 (2.18)	80.8 (2.06)	— (†)	48.2 (2.27)	86.5 (1.69)	92.0 (1.72)	94.6 (1.31)	74.5 (2.67)
76 to 100 percent .....	89.3 (2.04)	96.2 (1.02)	61.5 (3.07)	93.7 (1.47)	73.1 (2.81)	84.9 (2.59)	— (†)	46.7 (3.35)	85.8 (2.35)	93.1 (1.50)	93.4 (1.48)	73.6 (2.36)

—Not available.

†Not applicable.

<sup>1</sup>In 2015–16, this question was significantly revised. Comparisons with earlier years are not possible. Readers should refer to previous versions of the report for time series data on schools drilling students on the use of a plan in selected crises.

<sup>2</sup>On the 2015–16 questionnaire, the wording was changed from “Shootings” to “Active shooter.”

<sup>3</sup>For example, earthquakes or tornadoes.

<sup>4</sup>For example, release of mustard gas, anthrax, smallpox, or radioactive materials.

<sup>5</sup>In 2007–08 and 2009–10, schools were asked whether they had a plan for procedures to be performed if the U.S. national threat level were changed to Red (Severe Risk of Terrorist Attack) by the Department of Homeland Security. In 2013–14, schools were asked whether they had a plan for procedures to be performed if an “imminent threat alert” were issued by the Department of Homeland Security’s National Terrorism Advisory System. Data on severe risk of terrorist attack were not collected in 2015–16.

<sup>6</sup>Defined for respondents as “a procedure that requires all students and staff to leave the building. While evacuating to the school’s field makes sense for a fire drill that only lasts a few minutes, it may not be an appropriate location for a longer period of time. The evacuation plan should encompass relocation procedures and include backup buildings to serve as emergency shelters, such as nearby community centers, religious institutions, businesses, or other schools. Evacuation also includes “reverse evacuation,” a procedure for schools to return students to the building quickly if an incident occurs while students are outside.”

<sup>7</sup>Defined for respondents as “a procedure that involves occupants of a school building being directed to remain confined to a room or area within a building with specific procedures to follow. A lockdown may be used when a crisis occurs outside of the school and an evacuation would be dangerous. A lockdown may also be called for when there is a crisis inside and movement within the school will put students in jeopardy. All exterior doors are locked and students and staff stay in their classrooms.”

<sup>8</sup>Defined for respondents as “a procedure similar to a lockdown in that the occupants are to remain on the premises; however, shelter-in-place is designed to use a facility and its indoor atmosphere to temporarily separate people from a hazardous outdoor environment. Everyone would be brought indoors and building personnel would close all windows and doors and

shut down the heating, ventilation, and air conditioning system (HVAC). This would create a neutral pressure in the building, meaning the contaminated air would not be drawn into the building.”

<sup>9</sup>Data on suicide threat or incident, severe risk of terrorist attack, and pandemic flu were not collected in 2003–04 and 2005–06.

<sup>10</sup>Data on postcrisis reunification of students with their families were not collected in years prior to 2015–16.

<sup>11</sup>Primary schools are defined as schools in which the lowest grade is not higher than grade 3 and the highest grade is not higher than grade 8. Middle schools are defined as schools in which the lowest grade is not lower than grade 4 and the highest grade is not higher than grade 9. High schools are defined as schools in which the lowest grade is not lower than grade 9 and the highest grade is not higher than grade 12. Combined schools include all other combinations of grades, including K–12 schools. Separate data on high schools and combined schools are not available for 2013–14.

<sup>12</sup>Data for 2013–14 were collected using the Fast Response Survey System (FRSS), while data for all other years were collected using the School Survey on Crime and Safety (SSOCS). The 2013–14 FRSS survey was designed to allow comparisons with SSOCS data. However, respondents to the 2013–14 survey could choose either to complete the survey on paper (and mail it back) or to complete the survey online, whereas respondents to SSOCS did not have the option of completing the survey online. The 2013–14 survey also relied on a smaller sample. The smaller sample size and difference in survey administration may have impacted the 2013–14 results.

<sup>13</sup>Because the 2013–14 survey did not collect data on the percentage of students eligible for free or reduced-price lunch, the classification of schools by the percentage of students eligible for free or reduced-price lunch was computed based on data obtained from the Common Core of Data.

<sup>14</sup>Separate data for students of Two or more races were reported only for 2015–16.

NOTE: Responses were provided by the principal or the person most knowledgeable about crime and safety issues at the school.

SOURCE: U.S. Department of Education, National Center for Education Statistics, 2003–04, 2005–06, 2007–08, 2009–10, and 2015–16 School Survey on Crime and Safety (SSOCS), 2004, 2006, 2008, 2010, and 2016; Fast Response Survey System (FRSS), “School Safety and Discipline: 2013–14,” FRSS 106, 2014; and Common Core of Data (CCD), “Public Elementary/Secondary School Universe Survey,” 2013–14. (This table was prepared September 2017.)

**Table 233.67a. Percentage of public schools providing training for classroom teachers or aides in specific safety and discipline topics, by safety and discipline training topic: Selected years, 2003–04 through 2015–16**

[Standard errors appear in parentheses]

Safety and discipline training topic	2003–04		2005–06		2007–08		2009–10		2013–14 <sup>1</sup>		2015–16	
	1	2	3	4	5	6	7	8	9	10	11	12
Classroom management for teachers .....	72.3	(1.14)	80.7	(1.03)	81.5	(1.20)	79.7	(1.07)	77.7	(1.34)	83.8	(1.23)
Safety procedures .....	87.8	(0.92)	90.7	(0.61)	88.7	(1.01)	88.2	(0.76)	94.8	(0.73)	93.4	(0.87)
Schoolwide discipline policies and practices related to												
Bullying <sup>2,3</sup> .....	—	(†)	—	(†)	—	(†)	—	(†)	89.1	(1.09)	—	(†)
Cyberbullying <sup>4</sup> .....	—	(†)	—	(†)	—	(†)	—	(†)	—	(†)	67.5	(1.24)
Bullying <sup>3</sup> other than cyberbullying <sup>4</sup> .....	—	(†)	—	(†)	—	(†)	—	(†)	—	(†)	78.7	(1.11)
Violence, <sup>5</sup> alcohol, and/or drug use <sup>6</sup> .....	67.5	(1.15)	72.1	(1.32)	65.6	(1.31)	—	(†)	—	(†)	—	(†)
Violence <sup>5,7</sup> .....	—	(†)	—	(†)	—	(†)	61.9	(1.26)	66.7	(1.47)	68.8	(1.40)
Alcohol and/or drug use <sup>7</sup> .....	—	(†)	—	(†)	—	(†)	44.4	(1.36)	46.5	(1.34)	41.6	(1.21)
Recognizing												
Early warning signs of students likely to exhibit violent behavior ..	44.8	(1.31)	50.8	(1.27)	47.9	(1.37)	45.7	(1.02)	48.1	(1.42)	47.8	(1.45)
Physical, social, and verbal bullying <sup>3</sup> behaviors .....	—	(†)	—	(†)	—	(†)	—	(†)	78.8	(1.26)	75.5	(1.21)
Signs of students using/abusing alcohol and/or drugs .....	39.9	(1.27)	46.4	(1.08)	36.1	(1.45)	34.7	(1.34)	34.3	(1.38)	29.7	(1.08)
Intervention and referral strategies for students with signs of												
mental health disorders <sup>8</sup> .....	—	(†)	—	(†)	—	(†)	—	(†)	—	(†)	53.4	(1.50)
Positive behavioral intervention strategies .....	76.2	(1.12)	83.0	(1.03)	79.0	(1.09)	79.4	(1.00)	81.0	(1.22)	82.1	(0.91)
Crisis prevention and intervention .....	—	(†)	—	(†)	—	(†)	66.6	(1.25)	74.3	(1.32)	71.2	(1.11)

—Not available.

†Not applicable.

<sup>1</sup>Data for 2013–14 were collected using the Fast Response Survey System (FRSS), while data for all other years were collected using the School Survey on Crime and Safety (SSOCS). The 2013–14 FRSS survey was designed to allow comparisons with SSOCS data. However, respondents to the 2013–14 survey could choose either to complete the survey on paper (and mail it back) or to complete the survey online, whereas respondents to SSOCS did not have the option of completing the survey online. The 2013–14 survey also relied on a smaller sample. The smaller sample size and difference in survey administration may have impacted the 2013–14 results.

<sup>2</sup>In 2013–14, a single item on the questionnaire asked about training in policies and practices “related to bullying” and did not specifically include “cyberbullying.”

<sup>3</sup>In survey years prior to 2015–16, bullying was not defined for respondents. The 2015–16 questionnaire defined bullying as “any unwanted aggressive behavior(s) by another youth or group of youths who are not siblings or current dating partners that involves an observed or perceived power imbalance and is repeated multiple times or is highly likely to be repeated.”

<sup>4</sup>The 2015–16 questionnaire included one item on cyberbullying and a separate item on “bullying other than cyberbullying.” The questionnaire defined cyberbullying as occurring “when willful and repeated harm is inflicted through the use of computers, cell phones, or other electronic devices.”

<sup>5</sup>In all survey years included in this table, the questionnaire defined violence as “actual, attempted, or threatened fight or assault.”

<sup>6</sup>In 2007–08 and earlier survey years, a single item on the questionnaire asked about “violence, alcohol, and/or drug use.”

<sup>7</sup>In 2009–10 and later years, the questionnaire included one item that asked about violence and a separate item that asked about alcohol and/or drug use.

<sup>8</sup>This item, which was included only on the 2015–16 questionnaire, provided the following examples of mental health disorders: depression, mood disorders, and ADHD. The questionnaire defined mental health disorders as “collectively, all diagnosable mental health disorders or health conditions that are characterized by alterations in thinking, mood, or behavior (or some combination thereof) associated with distress and/or impaired functioning.”

NOTE: Responses were provided by the principal or the person most knowledgeable about crime and safety issues at the school.

SOURCE: U.S. Department of Education, National Center for Education Statistics, 2003–04, 2005–06, 2007–08, 2009–10, and 2015–16 School Survey on Crime and Safety (SSOCS), 2004, 2006, 2008, 2010, and 2016; and Fast Response Survey System (FRSS), “School Safety and Discipline: 2013–14,” FRSS 106, 2014. (This table was prepared September 2017.)

**Table 233.67b. Percentage of public schools providing training for classroom teachers or aides in specific safety and discipline topics, by safety and discipline training topic and selected school characteristics: 2015–16**

[Standard errors appear in parentheses]

School characteristic	Safety and discipline training topic													
	Classroom management for teachers	Safety procedures	Schoolwide discipline policies and practices related to				Recognizing			Intervention and referral strategies for student signs of mental health disorders <sup>4</sup>	Positive behavioral intervention strategies	Crisis prevention and intervention		
			Cyberbullying <sup>1</sup>	Bullying <sup>2</sup> other than cyberbullying	Violence <sup>3</sup>	Alcohol and/or drug use	Early warning signs of student violent behavior	Physical, social, and verbal bullying behaviors	Signs of students using/abusing alcohol and/or drugs					
1	2	3	4	5	6	7	8	9	10	11	12	13		
<b>Total</b>	<b>83.8 (1.23)</b>	<b>93.4 (0.87)</b>	<b>67.5 (1.24)</b>	<b>78.7 (1.11)</b>	<b>68.8 (1.40)</b>	<b>41.6 (1.21)</b>	<b>47.8 (1.45)</b>	<b>75.5 (1.21)</b>	<b>29.7 (1.08)</b>	<b>53.4 (1.50)</b>	<b>82.1 (0.91)</b>	<b>71.2 (1.11)</b>		
<b>School level<sup>5</sup></b>														
Primary	84.5 (1.75)	92.6 (1.47)	62.5 (1.93)	77.6 (1.78)	67.1 (2.10)	34.1 (1.85)	46.2 (2.16)	75.3 (1.89)	21.9 (1.75)	51.9 (2.22)	87.4 (1.48)	71.5 (1.82)		
Middle	85.4 (1.57)	95.7 (0.76)	77.2 (1.46)	86.1 (1.35)	72.6 (1.90)	49.7 (1.66)	48.9 (2.10)	80.1 (1.48)	37.7 (1.82)	55.7 (1.82)	85.0 (1.65)	73.8 (1.98)		
High school	85.0 (1.20)	93.5 (1.03)	72.9 (1.61)	78.3 (1.45)	73.5 (2.08)	58.6 (1.89)	52.6 (1.83)	73.6 (1.47)	49.8 (2.06)	57.8 (1.86)	68.7 (1.85)	71.8 (1.83)		
Combined	71.3 (6.20)	94.4 (2.91)	71.7 (5.13)	69.3 (5.18)	62.9 (5.58)	45.3 (6.56)	47.7 (5.77)	69.6 (6.06)	30.3 (5.86)	50.1 (6.10)	60.7 (5.96)	61.2 (5.71)		
<b>Enrollment size</b>														
Less than 300	79.6 (3.28)	88.6 (2.64)	58.9 (4.16)	73.9 (3.72)	65.7 (4.13)	33.2 (3.11)	43.0 (3.55)	71.0 (3.27)	21.4 (2.24)	49.4 (3.33)	80.7 (2.88)	64.9 (3.19)		
300 to 499	80.3 (2.34)	93.3 (2.29)	66.7 (2.29)	79.0 (2.16)	66.8 (2.68)	38.2 (2.65)	48.2 (2.79)	76.7 (2.19)	27.7 (2.64)	54.0 (2.99)	79.1 (2.09)	68.9 (2.88)		
500 to 999	87.7 (1.70)	95.7 (0.94)	72.1 (2.11)	80.7 (1.66)	71.1 (2.04)	44.5 (1.93)	49.5 (2.18)	78.1 (2.07)	31.7 (1.84)	54.6 (2.30)	86.8 (1.39)	76.9 (1.65)		
1,000 or more	88.2 (1.49)	95.8 (0.78)	70.8 (2.13)	80.2 (2.00)	72.3 (2.22)	58.1 (2.08)	50.1 (2.28)	72.2 (2.33)	45.5 (2.50)	55.7 (2.50)	76.6 (1.96)	70.7 (2.11)		
<b>Locale</b>														
City	88.0 (1.98)	96.4 (1.08)	71.0 (2.64)	82.6 (2.18)	73.2 (2.80)	41.3 (2.77)	52.4 (3.04)	82.4 (2.28)	29.5 (2.66)	60.4 (2.79)	89.6 (1.56)	74.5 (2.87)		
Suburban	85.2 (1.65)	93.4 (1.22)	68.9 (2.27)	81.0 (2.04)	68.9 (2.41)	42.8 (1.96)	47.1 (2.39)	76.4 (2.50)	32.2 (2.11)	52.3 (2.51)	86.3 (1.40)	73.4 (2.05)		
Town	78.7 (3.39)	91.8 (2.50)	59.4 (3.83)	68.9 (4.07)	60.3 (4.46)	40.5 (3.60)	43.5 (4.03)	68.2 (3.85)	23.7 (3.03)	48.0 (3.75)	74.8 (2.92)	71.2 (3.87)		
Rural	80.3 (2.31)	91.3 (1.97)	66.1 (2.75)	76.7 (2.61)	68.2 (2.84)	40.9 (2.87)	46.0 (2.96)	71.0 (2.37)	29.8 (2.28)	50.3 (3.03)	73.1 (2.42)	65.4 (2.60)		
<b>Percent combined enrollment of Black, Hispanic, Asian, Pacific Islander, and American Indian/Alaska Native students, and students of Two or more races</b>														
Less than 5 percent	68.8 (5.17)	92.4 (3.64)	60.8 (6.54)	71.6 (5.40)	67.0 (5.78)	42.3 (5.96)	48.3 (6.94)	75.5 (5.88)	26.5 (5.87)	37.8 (6.06)	61.3 (5.94)	61.6 (6.33)		
5 percent to less than 20 percent	77.3 (2.28)	91.1 (2.17)	62.5 (2.57)	73.5 (2.80)	63.7 (3.01)	38.2 (3.04)	40.3 (3.23)	67.4 (2.93)	26.2 (2.62)	49.4 (3.59)	76.6 (2.29)	69.0 (2.61)		
20 percent to less than 50 percent	87.4 (1.92)	95.4 (1.46)	65.3 (2.19)	79.3 (2.40)	70.5 (2.17)	42.2 (2.30)	49.4 (2.63)	74.7 (2.48)	30.9 (2.22)	53.1 (2.27)	83.6 (1.45)	68.0 (2.35)		
50 percent or more	87.8 (1.85)	93.8 (1.17)	72.9 (2.10)	82.5 (1.89)	71.0 (2.07)	43.1 (2.63)	51.2 (2.59)	81.0 (1.78)	31.5 (2.29)	58.4 (2.16)	87.7 (1.34)	76.1 (1.89)		
<b>Percent of students eligible for free or reduced-price lunch</b>														
0 to 25 percent	82.0 (2.48)	95.2 (1.61)	64.1 (3.31)	80.8 (2.85)	65.6 (3.96)	39.3 (2.98)	46.1 (3.48)	72.3 (3.25)	28.9 (2.66)	54.9 (3.82)	80.5 (2.47)	70.5 (3.53)		
26 to 50 percent	81.5 (2.26)	95.4 (1.06)	63.4 (2.76)	72.8 (2.63)	68.3 (2.43)	41.6 (3.05)	44.3 (3.07)	72.8 (2.37)	29.5 (2.50)	47.2 (2.76)	78.3 (1.70)	68.4 (2.83)		
51 to 75 percent	83.5 (1.91)	91.4 (1.54)	72.0 (1.99)	82.2 (2.06)	69.4 (2.66)	42.9 (2.99)	46.3 (2.64)	75.7 (2.63)	27.7 (2.28)	52.5 (2.50)	82.4 (1.78)	69.8 (2.41)		
76 to 100 percent	87.5 (2.48)	92.5 (1.80)	69.2 (2.65)	79.9 (2.55)	70.4 (2.45)	41.5 (3.04)	53.7 (3.30)	80.0 (2.33)	32.3 (2.44)	59.6 (2.88)	86.6 (1.93)	76.0 (2.29)		
<b>Student/teacher ratio<sup>6</sup></b>														
Less than 12	80.5 (3.34)	95.1 (1.86)	71.4 (3.97)	79.1 (3.52)	67.9 (4.18)	42.4 (3.88)	47.7 (4.45)	79.7 (3.62)	27.7 (3.51)	54.4 (3.95)	77.8 (3.95)	68.3 (3.79)		
12 to 16	85.3 (1.74)	93.6 (1.40)	70.1 (1.91)	81.9 (1.71)	72.5 (2.28)	41.7 (2.31)	51.6 (2.29)	76.4 (2.21)	32.8 (2.17)	58.3 (2.24)	83.1 (1.94)	77.5 (1.82)		
More than 16	83.6 (1.52)	92.9 (1.12)	64.7 (2.28)	76.4 (1.65)	66.5 (2.14)	41.2 (1.89)	45.2 (2.11)	73.8 (1.90)	28.1 (1.76)	49.8 (2.35)	82.6 (1.28)	67.8 (1.76)		

<sup>1</sup>The questionnaire defined cyberbullying as occurring "when willful and repeated harm is inflicted through the use of computers, cell phones, or other electronic devices."

<sup>2</sup>The questionnaire defined bullying as "any unwanted aggressive behavior(s) by another youth or group of youths who are not siblings or current dating partners that involves an observed or perceived power imbalance and is repeated multiple times or is highly likely to be repeated."

<sup>3</sup>The questionnaire defined violence as "actual, attempted, or threatened fight or assault."

<sup>4</sup>This item on the questionnaire provided the following examples of mental health disorders: depression, mood disorders, and ADHD. The questionnaire defined mental health disorders as "collectively, all diagnosable mental health disorders or health conditions that are characterized by alterations in thinking, mood, or behavior (or some combination thereof) associated with distress and/or impaired functioning."

<sup>5</sup>Primary schools are defined as schools in which the lowest grade is not higher than grade 3 and the highest grade is not higher than grade 8. Middle schools are defined as schools in which the lowest grade is not lower than grade 4 and the

highest grade is not higher than grade 9. High schools are defined as schools in which the lowest grade is not lower than grade 9 and the highest grade is not higher than grade 12. Combined schools include all other combinations of grades, including K–12 schools.

<sup>6</sup>Student/teacher ratio was calculated by dividing the total number of students enrolled in the school, as reported on the School Survey on Crime and Safety (SSOCS), by the total number of full-time-equivalent (FTE) teachers. Information regarding the total number of FTE teachers was obtained from the Common Core of Data (CCD), the sampling frame for SSOCS. NOTE: Responses were provided by the principal or the person most knowledgeable about crime and safety issues at the school.

SOURCE: U.S. Department of Education, National Center for Education Statistics, 2015–16 School Survey on Crime and Safety (SSOCS), 2016. (This table was prepared September 2017.)

**Table 233.70. Percentage of public schools with security staff present at least once a week, and percentage with security staff routinely carrying a firearm, by selected school characteristics: 2005–06 through 2015–16**

[Standard errors appear in parentheses]

School characteristic	Percent with one or more security staff <sup>1</sup>					Percent with any security staff routinely carrying a firearm <sup>2</sup>				Percent with sworn law enforcement officers routinely carrying a firearm <sup>2</sup>
	2005–06	2007–08	2009–10	2013–14 <sup>3</sup>	2015–16	2005–06	2007–08	2009–10	2015–16	
1	2	3	4	5	6	7	8	9	10	
<b>All public schools</b>	<b>41.7 (1.28)</b>	<b>46.3 (1.29)</b>	<b>42.8 (1.07)</b>	<b>43.0 (1.48)</b>	<b>56.5 (1.29)</b>	<b>30.7 (1.10)</b>	<b>34.1 (1.11)</b>	<b>28.0 (0.97)</b>	<b>42.9 (1.50)</b>	
<b>School level<sup>4</sup></b>										
Primary	26.2 (1.87)	33.1 (2.04)	27.7 (1.50)	28.6 (2.15)	45.4 (1.95)	15.7 (1.55)	20.1 (1.68)	12.5 (1.25)	30.6 (2.35)	
Middle	63.7 (1.30)	65.5 (1.59)	66.4 (1.45)	63.3 (2.15)	73.4 (1.65)	51.8 (1.32)	54.2 (1.92)	51.0 (1.84)	60.0 (1.52)	
High school/combined	62.9 (2.65)	65.5 (2.02)	62.8 (1.74)	64.1 (2.44)	71.3 (2.19)	51.8 (2.39)	54.9 (1.90)	50.1 (1.80)	60.7 (1.96)	
High school	75.2 (1.66)	79.6 (1.47)	76.4 (1.45)	— (†)	81.0 (1.40)	64.0 (1.71)	67.5 (1.51)	63.3 (1.75)	70.9 (1.55)	
Combined	43.5 (5.25)	39.9 (5.59)	36.6 (4.89)	— (†)	51.2 (5.86)	32.4 (4.50)	32.1 (4.89)	24.6 (4.26)	39.7 (5.34)	
<b>Enrollment size</b>										
Less than 300	22.7 (2.65)	27.6 (2.55)	25.6 (2.91)	21.7 (3.05)	34.8 (3.61)	16.2 (2.17)	16.1 (2.39)	13.5 (2.16)	26.8 (3.38)	
300 to 499	29.8 (2.29)	36.1 (2.66)	33.5 (2.26)	35.4 (2.90)	49.9 (2.66)	20.5 (1.83)	26.7 (2.37)	19.8 (1.84)	37.8 (2.70)	
500 to 999	50.5 (1.90)	52.7 (1.99)	47.3 (1.60)	50.6 (2.37)	64.6 (1.99)	36.9 (1.67)	39.5 (1.98)	30.3 (1.42)	46.0 (2.16)	
1,000 or more	86.9 (1.39)	90.6 (1.59)	90.0 (1.37)	87.2 (2.27)	91.4 (1.73)	70.3 (1.67)	73.5 (1.62)	74.6 (1.75)	80.5 (1.65)	
<b>Locale</b>										
City	49.1 (2.57)	57.3 (3.05)	50.9 (2.51)	45.5 (3.13)	61.9 (2.87)	30.5 (1.73)	33.1 (2.32)	27.6 (1.98)	36.0 (2.89)	
Suburban	42.7 (1.67)	45.4 (2.08)	45.4 (1.90)	47.7 (2.70)	57.9 (2.30)	32.2 (1.51)	33.7 (1.94)	29.6 (1.45)	44.6 (2.28)	
Town	44.4 (3.86)	51.1 (3.50)	39.0 (3.11)	48.0 (4.08)	62.0 (3.55)	38.1 (3.62)	45.0 (3.54)	31.6 (2.81)	56.5 (3.56)	
Rural	33.8 (1.87)	36.0 (1.98)	35.2 (2.20)	35.5 (2.33)	46.7 (2.54)	27.1 (1.84)	30.5 (2.05)	25.3 (1.78)	41.3 (2.48)	
<b>Percent combined enrollment of Black, Hispanic, Asian, Pacific Islander, and American Indian/Alaska Native students, and students of Two or more races</b>										
Less than 5 percent	28.3 (1.96)	35.6 (3.23)	30.4 (2.69)	35.6 (5.44)	44.7 (6.25)	22.9 (2.07)	27.1 (2.95)	21.9 (2.25)	41.0 (6.55)	
5 percent to less than 20 percent	38.9 (2.54)	42.9 (2.19)	36.5 (2.91)	34.9 (2.93)	54.3 (2.69)	30.2 (2.07)	37.7 (2.29)	27.6 (2.08)	47.5 (2.59)	
20 percent to less than 50 percent	41.6 (2.32)	44.7 (2.76)	41.9 (1.93)	46.7 (3.26)	49.9 (2.55)	35.3 (1.97)	38.4 (2.65)	30.5 (1.89)	43.0 (2.74)	
50 percent or more	51.3 (2.46)	55.4 (2.71)	52.5 (2.04)	48.0 (2.24)	63.7 (2.21)	31.3 (1.84)	31.8 (2.07)	29.1 (1.53)	40.4 (2.36)	
<b>Percent of students eligible for free or reduced-price lunch<sup>5</sup></b>										
0 to 25 percent	37.9 (2.14)	46.5 (2.33)	39.2 (2.44)	41.6 (3.81)	52.9 (3.77)	30.3 (1.95)	34.8 (2.12)	27.2 (1.93)	42.5 (3.25)	
26 to 50 percent	42.1 (2.08)	40.8 (2.52)	40.0 (1.68)	39.6 (3.10)	50.8 (2.89)	33.8 (1.78)	35.2 (2.02)	30.3 (1.59)	41.3 (2.61)	
51 to 75 percent	39.3 (2.21)	46.1 (2.83)	42.3 (2.60)	44.4 (2.71)	58.7 (2.47)	31.8 (2.05)	35.8 (2.77)	27.4 (2.07)	49.0 (2.76)	
76 to 100 percent	49.8 (2.73)	55.0 (3.68)	49.8 (2.76)	45.8 (3.24)	62.2 (2.62)	25.6 (2.17)	29.7 (2.68)	26.8 (2.32)	38.9 (3.04)	

—Not available.

†Not applicable.

<sup>1</sup>Security staff include security guards, security personnel, School Resource Officers (SROs), and sworn law enforcement officers who are not SROs. “Security guards” and “security personnel” do not include law enforcement. SROs include all career law enforcement officers with arrest authority who have specialized training and are assigned to work in collaboration with school organizations.

<sup>2</sup>Prior to 2015–16, the School Survey on Crime and Safety (SSOCS) questionnaire asked respondents whether any of the security guards, security personnel, or sworn law enforcement officers at their school routinely carried a firearm. The 2015–16 SSOCS questionnaire asked respondents only whether any of the sworn law enforcement officers (including SROs) at their school routinely carried a firearm; therefore, direct comparisons with earlier years should be avoided. Data on security staff routinely carrying a firearm were not collected in the 2013–14 Fast Response Survey System (FRSS).

<sup>3</sup>Data for 2013–14 were collected using FRSS, while data for all other years were collected using SSOCS. The 2013–14 FRSS survey was designed to allow comparisons with SSOCS data. However, respondents to the 2013–14 survey could choose either to complete the survey on paper (and mail it back) or to complete the survey online, whereas respondents to SSOCS did not have the option of completing the survey online. The 2013–14 survey also relied on a smaller sample. The smaller sample size and difference in survey administration may have impacted the 2013–14 results.

<sup>4</sup>Primary schools are defined as schools in which the lowest grade is not higher than grade 3 and the highest grade is not higher than grade 8. Middle schools are defined as schools in which the lowest grade is not lower than grade 4 and the highest grade is not higher than grade 9. High schools are defined as schools in which the lowest grade is not lower than grade 9 and the highest grade is not higher than grade 12. Combined schools include all other combinations of grades, including K–12 schools. Separate data on high schools and combined schools are not available for 2013–14.

<sup>5</sup>Because the 2013–14 survey did not collect data on the percentage of students eligible for free or reduced-price lunch, the classification of schools by the percentage of eligible students was computed based on data obtained from the Common Core of Data.

NOTE: Responses were provided by the principal or the person most knowledgeable about crime and safety issues at the school.

SOURCE: U.S. Department of Education, National Center for Education Statistics, 2005–06, 2007–08, 2009–10, and 2015–16 School Survey on Crime and Safety (SSOCS), 2006, 2008, 2010, and 2016; Fast Response Survey System (FRSS), “School Safety and Discipline: 2013–14,” FRSS 106, 2014; and Common Core of Data (CCD), “Public Elementary/Secondary School Universe Survey,” 2013–14. (This table was prepared September 2017.)

**Table 233.70a. Percentage of public schools with security staff present at least once a week, by full-time or part-time status and selected school characteristics: 2005–06 through 2015–16**

[Standard errors appear in parentheses]

School characteristic	Full-time					Part-time only				
	2005–06	2007–08	2009–10	2013–14 <sup>1</sup>	2015–16	2005–06	2007–08	2009–10	2013–14 <sup>1</sup>	2015–16
1	2	3	4	5	6	7	8	9	10	11
<b>All public schools</b> .....	<b>27.0 (0.88)</b>	<b>30.4 (0.98)</b>	<b>28.7 (0.97)</b>	<b>23.7 (1.10)</b>	<b>33.6 (1.31)</b>	<b>14.6 (1.06)</b>	<b>15.9 (0.89)</b>	<b>14.1 (0.66)</b>	<b>19.3 (1.18)</b>	<b>22.9 (1.17)</b>
School level <sup>2</sup>										
Primary .....	12.5 (1.32)	17.8 (1.37)	15.7 (1.43)	10.4 (1.46)	19.9 (1.74)	13.7 (1.59)	15.3 (1.31)	12.1 (0.89)	18.2 (1.73)	25.5 (1.83)
Middle .....	44.5 (1.17)	44.9 (1.55)	45.8 (1.39)	36.9 (2.21)	49.9 (2.00)	19.2 (1.18)	20.7 (1.17)	20.6 (1.32)	26.4 (2.17)	23.5 (1.80)
High school/combined .....	49.6 (2.22)	51.9 (1.98)	49.0 (1.58)	48.1 (2.25)	55.6 (1.88)	13.4 (1.76)	13.5 (1.73)	13.9 (1.68)	16.1 (1.98)	15.7 (1.44)
High school .....	64.0 (1.53)	66.1 (1.48)	62.0 (1.56)	— (†)	67.4 (1.60)	11.2 (1.14)	13.5 (1.42)	14.5 (1.50)	— (†)	13.6 (1.17)
Combined .....	26.8 (4.44)	26.2 (4.79)	24.0 (4.49)	— (†)	31.0 (4.67)	16.7 (4.13)	13.6 <sup>3</sup> (4.15)	12.7 (3.56)	— (†)	20.2 (3.39)
Enrollment size										
Less than 300 .....	10.8 (1.58)	15.1 (2.09)	15.1 (2.29)	6.8 (1.72)	18.2 (3.09)	11.9 (2.07)	12.5 (2.07)	10.5 (2.20)	14.9 (2.81)	16.6 (2.72)
300 to 499 .....	16.7 (1.93)	19.4 (1.84)	18.0 (1.96)	15.4 (2.12)	25.0 (2.45)	13.0 (1.64)	16.8 (2.05)	15.5 (1.76)	20.0 (2.28)	24.9 (2.39)
500 to 999 .....	31.0 (1.27)	34.0 (1.52)	31.2 (1.34)	26.4 (1.79)	35.5 (1.96)	19.5 (1.62)	18.8 (1.53)	16.1 (1.08)	24.2 (1.91)	29.1 (1.87)
1,000 or more .....	77.3 (1.61)	79.5 (1.65)	79.3 (1.82)	77.5 (2.66)	83.4 (2.02)	9.7 (1.40)	11.1 (1.83)	10.7 (1.50)	9.8 (2.06)	8.0 (1.49)
Locale										
City .....	37.7 (2.04)	45.3 (2.24)	39.7 (2.19)	35.0 (2.71)	43.8 (2.87)	11.4 (1.59)	12.0 (1.97)	11.2 (1.69)	10.4 (2.13)	18.1 (2.77)
Suburban .....	27.1 (1.41)	30.0 (1.64)	31.3 (1.58)	26.2 (1.97)	33.4 (1.95)	15.6 (1.44)	15.4 (1.59)	14.1 (1.50)	21.5 (2.23)	24.6 (2.15)
Town .....	26.3 (2.88)	26.9 (2.32)	21.2 (2.15)	18.4 (2.63)	34.5 (3.31)	18.1 (2.90)	24.2 (2.75)	17.8 (2.39)	29.6 (3.88)	27.4 (3.69)
Rural .....	18.6 (1.39)	20.2 (1.67)	20.5 (1.83)	15.3 (1.42)	23.0 (2.04)	15.2 (1.87)	15.7 (1.70)	14.7 (1.51)	20.2 (2.26)	23.7 (2.46)
Percent combined enrollment of Black, Hispanic, Asian, Pacific Islander, and American Indian/Alaska Native students, and students of Two or more races										
Less than 5 percent .....	12.4 (1.60)	16.9 (2.70)	13.6 (2.41)	8.71 (2.72)	20.1 (3.87)	16.0 (1.81)	18.7 (2.56)	16.8 (2.51)	26.9 (5.40)	24.6 (5.31)
5 percent to less than 20 percent .....	23.9 (1.73)	23.1 (1.63)	19.9 (2.26)	13.7 (1.66)	27.3 (2.20)	15.0 (1.98)	19.9 (1.93)	16.6 (1.71)	21.2 (2.41)	27.0 (2.24)
20 percent to less than 50 percent .....	28.3 (1.94)	29.1 (2.21)	27.8 (1.69)	25.3 (2.28)	27.3 (1.82)	13.3 (1.75)	15.5 (1.93)	14.1 (1.50)	21.5 (2.48)	22.7 (2.31)
50 percent or more .....	37.3 (1.91)	43.8 (2.16)	41.3 (2.09)	33.3 (2.09)	43.3 (2.37)	14.0 (1.81)	11.6 (1.68)	11.2 (1.33)	14.6 (1.73)	20.4 (2.08)
Percent of students eligible for free or reduced-price lunch <sup>3</sup>										
0 to 25 percent .....	24.9 (1.70)	29.7 (2.01)	27.9 (2.17)	21.0 (2.20)	30.4 (2.74)	13.0 (1.33)	16.8 (1.52)	11.3 (1.21)	20.6 (3.01)	22.6 (2.80)
26 to 50 percent .....	26.4 (1.63)	24.2 (2.01)	21.5 (1.52)	17.7 (1.87)	26.6 (2.00)	15.7 (2.01)	16.6 (1.65)	18.5 (1.37)	21.8 (2.64)	24.2 (2.55)
51 to 75 percent .....	25.7 (1.85)	29.7 (2.34)	29.0 (2.04)	24.3 (2.00)	34.3 (2.38)	13.7 (1.90)	16.4 (2.34)	13.3 (1.45)	20.2 (2.38)	24.4 (2.15)
76 to 100 percent .....	33.0 (2.49)	42.1 (3.17)	37.6 (2.66)	31.3 (2.86)	41.8 (3.02)	16.8 (2.07)	12.9 (2.17)	12.2 (1.84)	14.6 (2.37)	20.4 (2.70)

—Not available.

†Not applicable.

!Interpret data with caution. The coefficient of variation (CV) for this estimate is between 30 and 50 percent.

<sup>1</sup>Data for 2013–14 were collected using the Fast Response Survey System (FRSS), while data for all other years were collected using the School Survey on Crime and Safety (SSOCS). The 2013–14 FRSS survey was designed to allow comparisons with SSOCS data. However, respondents to the 2013–14 survey could choose either to complete the survey on paper (and mail it back) or to complete the survey online, whereas respondents to SSOCS did not have the option of completing the survey online. The 2013–14 survey also relied on a smaller sample. The smaller sample size and difference in survey administration may have impacted the 2013–14 results.

<sup>2</sup>Primary schools are defined as schools in which the lowest grade is not higher than grade 3 and the highest grade is not higher than grade 8. Middle schools are defined as schools in which the lowest grade is not lower than grade 4 and the highest grade is not higher than grade 9. High schools are defined as schools in which the lowest grade is not lower than grade 9 and the highest grade is not higher than grade 12. Combined schools include

all other combinations of grades, including K–12 schools. Separate data on high schools and combined schools are not available for 2013–14.

<sup>3</sup>Because the 2013–14 survey did not collect data on the percentage of students eligible for free or reduced-price lunch, the classification of schools by the percentage of eligible students was computed based on data obtained from the Common Core of Data.

NOTE: Security staff include security guards, security personnel, School Resource Officers (SROs), and sworn law enforcement officers who are not SROs. “Security guards” and “security personnel” do not include law enforcement. SROs include all career law enforcement officers with arrest authority who have specialized training and are assigned to work in collaboration with school organizations. Responses were provided by the principal or the person most knowledgeable about crime and safety issues at the school.

SOURCE: U.S. Department of Education, National Center for Education Statistics, 2005–06, 2007–08, 2009–10, and 2015–16 School Survey on Crime and Safety (SSOCS), 2006, 2008, 2010, and 2016; Fast Response Survey System (FRSS), “School Safety and Discipline: 2013–14,” FRSS 106, 2014; and Common Core of Data (CCD), “Public Elementary/Secondary School Universe Survey,” 2013–14. (This table was prepared September 2017.)

**Table 233.70b. Percentage of public schools with security staff present at school at least once a week, by type of security staff, school level, and selected school characteristics: 2005–06, 2009–10, and 2015–16**

[Standard errors appear in parentheses]

School level and characteristic	Sworn law enforcement officers												Security guards or other security personnel who are not sworn law enforcement officers		
	Any security staff <sup>1</sup>			Any sworn law enforcement officers, including School Resource Officers (SROs) <sup>2</sup>			At least one officer who is an SRO			At least one officer who is not an SRO					
	2005–06	2009–10	2015–16	2005–06	2009–10	2015–16	2005–06	2009–10	2015–16	2005–06	2009–10	2015–16	2005–06	2009–10	2015–16
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
<b>All public schools</b>	<b>41.7 (1.28)</b>	<b>42.8 (1.07)</b>	<b>56.5 (1.29)</b>	<b>36.3 (1.13)</b>	<b>35.0 (1.00)</b>	<b>47.7 (1.45)</b>	<b>32.4 (1.07)</b>	<b>31.1 (0.99)</b>	<b>42.0 (1.27)</b>	<b>9.3 (0.69)</b>	<b>8.3 (0.62)</b>	<b>10.9 (0.90)</b>	<b>19.3 (0.93)</b>	<b>21.7 (0.85)</b>	<b>19.8 (1.07)</b>
Enrollment size															
Less than 300	22.7 (2.65)	25.6 (2.91)	34.8 (3.61)	20.0 (2.32)	20.3 (2.86)	28.8 (3.38)	16.4 (1.88)	17.1 (2.52)	23.6 (3.12)	5.9 (1.55)	6.6 (1.59)	8.3 (2.02)	7.4 (1.89)	11.1 (2.03)	9.7 (2.63)
300 to 499	29.8 (2.29)	33.5 (2.26)	49.9 (2.66)	25.4 (2.04)	25.1 (1.84)	42.0 (2.81)	21.7 (1.91)	21.4 (1.78)	36.2 (2.74)	7.0 (1.06)	5.9 (1.04)	10.4 (1.83)	11.3 (1.60)	15.5 (1.89)	13.2 (1.80)
500 to 999	50.5 (1.90)	47.3 (1.60)	64.6 (1.99)	43.9 (1.74)	38.8 (1.40)	53.3 (2.22)	40.3 (1.70)	35.3 (1.48)	47.4 (2.06)	9.9 (0.93)	7.5 (0.83)	11.5 (1.22)	21.9 (1.64)	22.2 (1.59)	21.5 (1.79)
1,000 or more	86.9 (1.39)	90.0 (1.37)	91.4 (1.73)	77.3 (1.51)	81.0 (1.71)	83.6 (1.58)	70.4 (1.71)	74.1 (1.52)	77.1 (1.58)	20.8 (1.57)	21.2 (1.58)	15.9 (2.17)	57.9 (1.93)	59.6 (1.68)	54.0 (2.04)
Locale															
City	49.1 (2.57)	50.9 (2.51)	61.9 (2.87)	39.4 (2.22)	39.2 (2.33)	44.5 (2.97)	34.0 (2.13)	34.3 (2.37)	39.0 (2.50)	13.4 (1.49)	10.2 (1.19)	10.7 (1.76)	33.3 (2.25)	34.6 (1.90)	34.9 (2.99)
Suburban	42.7 (1.67)	45.4 (1.90)	57.9 (2.30)	37.9 (1.69)	35.1 (1.48)	49.1 (2.39)	34.6 (1.78)	30.9 (1.43)	43.6 (2.34)	9.2 (1.02)	8.5 (1.05)	12.4 (1.69)	18.6 (1.21)	25.3 (1.93)	21.4 (1.62)
Town	44.4 (3.86)	39.0 (3.11)	62.0 (3.55)	42.0 (3.64)	36.8 (3.14)	58.3 (3.67)	39.0 (3.78)	34.6 (3.15)	49.0 (3.84)	7.6 (2.20)	5.3 (0.94)	15.7 (2.90)	15.3 (2.72)	12.2 (1.52)	10.6 (2.05)
Rural	33.8 (1.87)	35.2 (2.20)	46.7 (2.54)	30.5 (1.77)	30.5 (2.07)	44.3 (2.65)	26.7 (1.56)	26.9 (1.81)	39.7 (2.73)	6.6 (1.17)	7.9 (1.45)	7.1 (1.22)	10.1 (1.25)	11.7 (1.52)	7.1 (1.15)
Percent combined enrollment of Black, Hispanic, Asian, Pacific Islander, and American Indian/Alaska Native students, and students of Two or more races															
Less than 5 percent	28.3 (1.96)	30.4 (2.69)	44.7 (6.25)	26.1 (1.95)	28.0 (2.59)	43.7 (6.31)	22.9 (1.95)	23.9 (2.45)	37.6 (5.41)	6.3 (1.28)	5.8! (1.77)	9.6! (3.02)	7.5 (1.56)	9.1 (2.05)	5.5! (2.21)
5 to less than 20 percent	38.9 (2.54)	36.5 (2.91)	54.3 (2.69)	34.7 (2.45)	32.8 (2.43)	51.5 (2.68)	30.9 (2.41)	28.9 (2.56)	45.7 (2.65)	6.5 (1.03)	8.2 (1.28)	11.3 (1.91)	13.6 (1.18)	14.0 (1.72)	8.5 (1.39)
20 to less than 50 percent	41.6 (2.32)	41.9 (1.93)	49.9 (2.55)	37.3 (2.28)	36.6 (1.83)	45.2 (2.59)	35.1 (2.27)	33.2 (1.67)	40.9 (2.22)	8.1 (1.44)	7.5 (1.06)	9.0 (1.59)	18.4 (1.86)	15.8 (1.18)	13.4 (1.32)
50 percent or more	51.3 (2.46)	52.5 (2.04)	63.7 (2.21)	42.0 (2.20)	38.2 (1.57)	47.6 (2.56)	36.1 (1.91)	34.1 (1.62)	41.0 (2.29)	14.4 (1.52)	9.8 (0.91)	12.1 (1.39)	32.0 (2.01)	35.8 (1.86)	32.8 (2.00)
Percent of students eligible for free or reduced-price lunch															
0 to 25 percent	37.9 (2.14)	39.2 (2.44)	52.9 (3.77)	33.0 (2.13)	33.0 (2.33)	47.4 (3.59)	30.4 (2.23)	30.1 (2.35)	43.9 (3.48)	6.6 (0.71)	7.9 (1.25)	10.6 (1.87)	16.1 (1.28)	20.3 (1.89)	17.8 (2.23)
26 to 50 percent	42.1 (2.08)	40.0 (1.68)	50.8 (2.89)	38.7 (2.07)	34.5 (1.68)	45.4 (2.71)	34.5 (1.87)	30.6 (1.61)	41.4 (2.84)	8.9 (1.14)	7.9 (1.31)	9.5 (1.34)	16.4 (1.23)	15.8 (1.33)	13.8 (1.56)
51 to 75 percent	39.3 (2.21)	42.3 (2.60)	58.7 (2.47)	34.9 (2.03)	34.8 (2.21)	53.5 (2.63)	31.7 (2.06)	31.9 (2.05)	45.6 (2.46)	8.9 (1.21)	6.5 (0.92)	11.9 (1.67)	17.9 (1.89)	19.9 (1.83)	13.3 (1.75)
76 to 100 percent	49.8 (2.73)	49.8 (2.76)	62.2 (2.62)	39.8 (2.34)	37.5 (2.25)	44.6 (3.18)	33.1 (1.91)	31.7 (2.28)	37.9 (2.87)	14.4 (1.79)	11.2 (1.30)	11.6 (1.68)	30.0 (2.61)	32.1 (2.44)	33.4 (2.52)
Percent of students who are Limited English Proficient (LEP)															
0 to 5 percent	39.9 (1.52)	41.9 (1.65)	55.5 (2.13)	35.1 (1.31)	35.3 (1.52)	49.1 (2.13)	31.4 (1.28)	31.2 (1.50)	43.6 (2.09)	8.9 (0.70)	8.5 (0.82)	10.1 (1.00)	16.6 (1.03)	18.3 (1.01)	15.4 (1.23)
6 to 20 percent	44.0 (2.14)	46.8 (3.15)	56.6 (3.08)	39.2 (2.13)	37.3 (2.71)	49.1 (3.27)	35.5 (2.29)	33.7 (2.51)	43.6 (3.13)	8.0 (1.18)	9.6 (1.49)	13.5 (1.88)	21.3 (1.81)	26.3 (2.17)	21.4 (1.97)
21 to 100 percent	46.2 (3.87)	40.8 (2.84)	59.2 (3.32)	37.6 (3.40)	30.8 (2.27)	42.1 (4.07)	32.1 (3.50)	27.5 (2.29)	35.5 (3.71)	13.2 (2.06)	5.8 (0.94)	9.9 (2.41)	29.0 (3.31)	27.7 (2.74)	30.2 (3.06)
<b>All primary schools<sup>3</sup></b>	<b>26.2 (1.87)</b>	<b>27.7 (1.50)</b>	<b>45.4 (1.95)</b>	<b>21.0 (1.68)</b>	<b>20.4 (1.37)</b>	<b>35.8 (2.32)</b>	<b>18.5 (1.56)</b>	<b>18.0 (1.41)</b>	<b>30.4 (1.99)</b>	<b>4.9 (0.84)</b>	<b>4.1 (0.76)</b>	<b>9.0 (1.36)</b>	<b>11.1 (1.29)</b>	<b>14.2 (1.24)</b>	<b>14.0 (1.60)</b>
Enrollment size															
Less than 300	15.7 (3.28)	18.5 (3.61)	30.7 (4.96)	14.4 (3.13)	15.4 (3.49)	24.9 (4.93)	12.1 (2.87)	13.9 (3.32)	18.9 (4.42)	3.3! (1.61)	‡ (†)	8.1! (3.06)	‡ (†)	7.4! (2.62)	9.0! (3.46)
300 to 499	22.8 (2.77)	26.8 (2.79)	44.1 (3.33)	18.0 (2.42)	17.8 (2.15)	35.3 (3.75)	14.6 (2.21)	14.7 (1.96)	30.5 (3.60)	4.9 (1.22)	3.8! (1.20)	10.0 (2.33)	10.4 (2.01)	13.3 (2.30)	12.5 (2.36)
500 to 999	34.2 (2.73)	32.3 (2.49)	53.7 (2.99)	26.9 (2.56)	24.5 (2.32)	41.8 (3.29)	25.3 (2.49)	22.3 (2.23)	36.5 (3.01)	6.0 (1.25)	4.2 (1.00)	8.6 (1.78)	15.0 (2.05)	17.9 (2.21)	17.3 (2.36)
1,000 or more	66.7 (8.90)	‡ (†)	‡ (†)	46.2 (9.37)	‡ (†)	‡ (†)	39.1 (9.15)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	38.3 (9.31)	‡ (†)	‡ (†)
Locale															
City	33.0 (3.74)	32.9 (3.72)	48.7 (4.24)	22.0 (3.05)	22.9 (3.30)	29.4 (4.48)	18.3 (2.92)	19.7 (3.14)	23.8 (3.58)	6.6 (1.76)	4.5 (1.28)	7.4! (2.83)	22.7 (3.10)	21.9 (2.94)	27.6 (4.04)
Suburban	25.7 (2.39)	27.8 (2.59)	43.7 (3.56)	22.0 (2.38)	17.9 (2.00)	35.9 (3.64)	20.3 (2.42)	15.9 (1.78)	31.5 (3.47)	5.3 (1.34)	4.1 (1.21)	10.7 (2.37)	7.6 (1.37)	15.6 (2.51)	9.8 (2.23)
Town	26.7 (6.36)	23.1 (5.29)	55.4 (5.96)	25.4 (5.95)	23.1 (5.29)	52.0 (6.24)	23.3 (5.75)	22.0 (5.29)	40.7 (6.01)	‡ (†)	‡ (†)	16.8! (5.18)	‡ (†)	5.0! (2.34)	‡ (†)
Rural	19.3 (2.93)	24.3 (3.50)	39.0 (4.51)	17.1 (2.92)	19.4 (3.26)	35.8 (4.71)	14.6 (2.58)	16.6 (2.98)	32.2 (4.76)	3.5! (1.60)	5.2! (2.17)	4.7! (1.94)	4.6! (1.60)	8.7 (2.37)	7.4 (2.17)

See notes at end of table.

**Table 233.70b. Percentage of public schools with security staff present at school at least once a week, by type of security staff, school level, and selected school characteristics: 2005–06, 2009–10, and 2015–16—Continued**

[Standard errors appear in parentheses]

School level and characteristic	Sworn law enforcement officers												Security guards or other security personnel who are not sworn law enforcement officers		
	Any security staff <sup>1</sup>			Any sworn law enforcement officers, including School Resource Officers (SROs) <sup>2</sup>			At least one officer who is an SRO			At least one officer who is not an SRO					
	2005–06	2009–10	2015–16	2005–06	2009–10	2015–16	2005–06	2009–10	2015–16	2005–06	2009–10	2015–16	2005–06	2009–10	2015–16
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Percent combined enrollment of Black, Hispanic, Asian, Pacific Islander, and American Indian/Alaska Native students, and students of Two or more races															
Less than 5 percent .....	17.2 (3.32)	22.4 (4.69)	‡ (†)	16.4 (3.39)	19.9 (4.55)	‡ (†)	13.5 (3.24)	15.2 (3.86)	‡ (†)	5.6! (2.24)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)
5 to less than 20 percent .....	23.0 (3.48)	21.1 (4.44)	46.4 (4.43)	19.6 (3.18)	17.6 (3.72)	43.3 (4.44)	16.7 (3.05)	14.6 (3.87)	38.4 (4.38)	3.5! (1.60)	4.4! (1.65)	9.4 (2.78)	4.7! (1.75)	6.9! (2.43)	6.4! (2.27)
20 to less than 50 percent .....	20.0 (3.29)	22.8 (2.67)	33.4 (3.99)	14.9 (3.13)	18.4 (2.26)	30.6 (4.16)	14.9 (3.13)	17.9 (2.27)	26.8 (3.84)	‡ (†)	‡ (†)	7.5! (2.37)	9.0 (2.36)	7.8 (1.95)	4.9! (1.79)
50 percent or more .....	35.9 (3.33)	36.7 (2.84)	53.5 (3.01)	26.9 (2.93)	23.6 (2.22)	35.4 (3.66)	23.1 (2.87)	21.1 (2.27)	28.8 (3.16)	7.9 (1.87)	5.0 (1.15)	10.3 (2.11)	20.2 (2.70)	25.4 (2.57)	24.3 (2.80)
Percent of students eligible for free or reduced-price lunch															
0 to 25 percent .....	20.9 (3.02)	17.1 (3.15)	33.8 (5.61)	16.3 (2.95)	11.4 (2.83)	30.0 (5.40)	14.5 (2.88)	9.7 (2.63)	29.4 (5.40)	3.1! (1.12)	2.8! (1.25)	5.9! (2.37)	7.7 (1.76)	9.3 (2.34)	8.8! (3.11)
26 to 50 percent .....	22.1 (3.04)	24.4 (2.73)	39.8 (3.99)	19.6 (2.89)	19.8 (2.99)	34.9 (3.97)	16.7 (2.61)	18.1 (2.92)	32.3 (3.99)	3.9! (1.57)	4.3! (1.96)	6.8 (1.93)	5.0! (1.63)	9.2 (2.10)	6.9 (2.05)
51 to 75 percent .....	22.4 (3.13)	28.6 (3.36)	48.2 (4.00)	18.0 (3.08)	21.2 (2.72)	42.9 (4.38)	17.6 (3.03)	19.6 (2.77)	33.6 (3.78)	2.8! (1.09)	1.9! (0.87)	12.5 (2.83)	9.5 (2.18)	13.6 (2.50)	7.4! (2.60)
76 to 100 percent .....	40.6 (3.26)	37.7 (3.77)	54.1 (3.67)	30.9 (2.79)	26.9 (3.28)	33.6 (4.40)	25.7 (2.52)	22.4 (3.28)	26.7 (3.86)	10.2 (2.22)	7.4 (1.73)	9.6 (2.49)	22.9 (3.22)	23.0 (3.23)	28.2 (3.27)
Percent of students who are Limited English Proficient (LEP)															
0 to 5 percent .....	22.6 (2.24)	24.6 (2.48)	42.8 (3.28)	17.7 (1.81)	18.5 (2.24)	36.3 (3.47)	15.2 (1.57)	15.7 (2.13)	31.0 (3.46)	4.4 (1.02)	4.0 (1.16)	8.4 (1.79)	8.2 (1.41)	9.9 (1.59)	9.3 (1.89)
6 to 20 percent .....	28.0 (3.21)	32.4 (4.25)	41.2 (4.47)	23.3 (3.01)	23.7 (3.43)	35.0 (4.55)	20.8 (3.09)	21.6 (3.19)	30.5 (4.24)	4.6! (1.68)	5.8! (1.86)	11.5 (2.80)	11.5 (2.74)	18.3 (3.18)	10.0 (2.55)
21 to 100 percent .....	35.9 (4.32)	30.7 (3.74)	54.0 (3.94)	28.9 (4.10)	21.8 (2.90)	35.4 (4.65)	26.3 (4.08)	20.1 (2.82)	29.4 (4.19)	7.0! (2.18)	2.7! (1.15)	7.7! (2.51)	20.0 (3.08)	20.9 (3.38)	26.0 (3.68)
<b>All secondary schools<sup>4</sup></b> .....	<b>63.3 (1.52)</b>	<b>64.4 (1.15)</b>	<b>72.3 (1.43)</b>	<b>57.8 (1.60)</b>	<b>56.1 (1.25)</b>	<b>64.8 (1.38)</b>	<b>51.8 (1.59)</b>	<b>50.0 (1.22)</b>	<b>58.4 (1.33)</b>	<b>15.4 (1.03)</b>	<b>14.2 (0.85)</b>	<b>13.6 (0.95)</b>	<b>30.8 (1.05)</b>	<b>32.5 (1.04)</b>	<b>28.0 (0.97)</b>
Enrollment size															
Less than 300 .....	32.8 (3.85)	36.2 (3.47)	40.3 (4.82)	28.2 (3.38)	27.8 (3.38)	33.8 (4.38)	22.7 (3.37)	21.8 (2.75)	29.9 (4.16)	9.6 (2.47)	10.9 (2.27)	8.5 (2.15)	12.8 (2.88)	16.8 (3.03)	10.6 (3.18)
300 to 499 .....	48.7 (3.97)	51.2 (3.38)	64.6 (3.96)	45.3 (3.73)	44.5 (3.44)	59.0 (3.91)	40.7 (3.51)	39.0 (3.53)	50.6 (3.92)	12.8 (2.33)	11.3 (1.74)	11.4 (2.22)	13.6 (2.15)	21.1 (2.48)	14.8 (2.17)
500 to 999 .....	74.8 (1.96)	70.9 (1.95)	82.5 (1.76)	69.3 (2.00)	61.4 (1.83)	72.3 (1.86)	62.8 (2.24)	55.9 (1.95)	65.4 (2.08)	15.8 (1.41)	12.6 (1.46)	16.2 (1.44)	32.4 (2.21)	29.1 (1.94)	28.3 (1.80)
1,000 or more .....	90.1 (1.07)	93.5 (1.09)	95.9 (1.16)	82.1 (1.41)	85.3 (1.43)	90.0 (1.47)	75.2 (1.50)	78.1 (1.55)	83.9 (1.75)	22.9 (1.61)	22.4 (1.58)	16.9 (2.32)	60.9 (1.85)	62.4 (1.70)	57.8 (1.94)
Locale															
City .....	82.2 (2.30)	85.8 (2.38)	86.0 (2.52)	75.2 (2.65)	70.8 (2.87)	72.0 (2.69)	66.4 (2.64)	62.7 (2.72)	66.7 (2.90)	27.4 (2.36)	21.1 (2.25)	16.6 (2.12)	55.1 (2.75)	59.4 (2.60)	48.3 (3.00)
Suburban .....	71.2 (1.92)	76.9 (2.13)	81.9 (1.97)	64.9 (2.24)	66.2 (2.26)	71.4 (2.02)	58.5 (2.39)	57.9 (2.38)	64.0 (2.39)	15.9 (1.28)	16.4 (1.73)	15.2 (1.58)	37.0 (1.85)	42.8 (2.13)	41.0 (1.99)
Town .....	64.6 (3.68)	56.9 (2.72)	68.9 (3.56)	60.8 (3.62)	52.2 (2.81)	65.0 (3.70)	56.8 (4.45)	48.7 (2.97)	57.7 (3.86)	13.8 (3.92)	10.0 (1.50)	14.4 (2.62)	25.9 (3.67)	20.2 (2.29)	16.5 (2.63)
Rural .....	47.4 (3.28)	46.7 (2.42)	54.8 (2.92)	42.9 (3.11)	42.1 (2.31)	53.2 (2.86)	38.1 (2.76)	37.7 (2.23)	47.5 (2.81)	9.5 (1.52)	10.7 (1.60)	9.7 (1.81)	15.2 (1.75)	15.0 (1.98)	6.7 (0.82)
Percent combined enrollment of Black, Hispanic, Asian, Pacific Islander, and American Indian/Alaska Native students, and students of Two or more races															
Less than 5 percent .....	40.4 (4.10)	38.4 (3.53)	57.6 (6.65)	36.5 (3.94)	36.1 (3.45)	55.7 (6.86)	33.0 (3.57)	32.5 (3.43)	47.7 (6.63)	7.1 (1.73)	6.9 (1.30)	14.9! (4.65)	10.8 (1.67)	12.7 (2.44)	7.1 (2.04)
5 to less than 20 percent .....	58.9 (2.55)	57.1 (2.79)	63.4 (3.05)	53.6 (2.51)	53.1 (2.65)	61.0 (3.15)	48.9 (2.58)	48.0 (2.38)	54.1 (3.05)	10.4 (1.30)	13.3 (1.63)	13.6 (1.82)	24.8 (1.66)	23.4 (1.88)	10.9 (1.11)
20 to less than 50 percent .....	70.3 (3.09)	70.4 (2.82)	73.2 (3.27)	67.1 (3.13)	63.7 (2.90)	65.8 (2.91)	61.9 (3.47)	56.1 (2.84)	60.8 (2.88)	16.7 (2.88)	15.5 (1.98)	11.1 (1.69)	31.0 (3.04)	27.8 (1.85)	25.3 (2.11)
50 percent or more .....	81.4 (2.53)	80.0 (2.44)	81.6 (2.22)	71.5 (2.52)	63.5 (2.69)	68.9 (2.22)	61.7 (2.74)	56.7 (2.53)	62.3 (2.26)	27.1 (2.32)	18.1 (1.78)	15.2 (1.54)	55.2 (2.76)	53.8 (2.46)	47.7 (2.22)

See notes at end of table.

**Table 233.70b. Percentage of public schools with security staff present at school at least once a week, by type of security staff, school level, and selected school characteristics: 2005–06, 2009–10, and 2015–16—Continued**

[Standard errors appear in parentheses]

School level and characteristic	Sworn law enforcement officers												Security guards or other security personnel who are not sworn law enforcement officers		
	Any security staff <sup>1</sup>			Any sworn law enforcement officers, including School Resource Officers (SROs) <sup>2</sup>			At least one officer who is an SRO			At least one officer who is not an SRO					
	2005–06	2009–10	2015–16	2005–06	2009–10	2015–16	2005–06	2009–10	2015–16	2005–06	2009–10	2015–16	2005–06	2009–10	2015–16
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Percent of students eligible for free or reduced-price lunch															
0 to 25 percent .....	57.6 (2.62)	68.9 (2.36)	80.8 (2.35)	52.3 (2.59)	62.1 (2.31)	73.0 (2.74)	48.7 (2.63)	57.4 (2.35)	65.0 (3.16)	10.7 (1.14)	14.6 (1.83)	17.3 (2.24)	25.9 (1.79)	35.2 (2.41)	31.0 (2.32)
26 to 50 percent .....	64.5 (2.86)	56.2 (1.88)	64.0 (3.02)	60.2 (2.91)	49.9 (1.77)	58.0 (2.78)	54.5 (2.62)	43.6 (1.90)	52.3 (2.76)	14.6 (1.57)	11.7 (1.30)	12.8 (1.82)	29.3 (1.66)	22.6 (1.71)	22.1 (2.12)
51 to 75 percent .....	63.1 (3.15)	63.3 (3.05)	71.8 (3.13)	58.6 (3.20)	55.7 (2.94)	66.5 (2.92)	51.6 (3.34)	50.7 (2.77)	60.4 (2.76)	17.5 (2.69)	13.6 (1.82)	11.2 (1.70)	29.9 (2.59)	29.7 (2.35)	20.7 (1.89)
76 to 100 percent .....	75.7 (4.28)	76.0 (3.45)	77.8 (3.13)	64.6 (4.31)	60.6 (3.50)	65.7 (3.35)	53.8 (4.34)	51.9 (3.15)	59.4 (3.45)	26.2 (3.66)	19.4 (2.46)	15.4 (2.07)	49.7 (4.85)	51.6 (3.40)	43.4 (2.97)
Percent of students who are Limited English Proficient (LEP)															
0 to 5 percent .....	59.2 (1.67)	61.7 (1.47)	68.1 (1.84)	54.6 (1.70)	54.6 (1.70)	61.8 (1.77)	49.5 (1.78)	49.0 (1.61)	56.2 (1.67)	13.9 (1.10)	13.7 (0.98)	11.9 (0.96)	25.9 (1.26)	28.0 (1.23)	21.5 (1.35)
6 to 20 percent .....	72.7 (4.32)	72.0 (3.43)	81.4 (2.93)	67.6 (4.21)	61.3 (3.42)	71.7 (3.00)	61.6 (4.00)	54.9 (3.26)	64.5 (3.07)	14.1 (1.90)	16.3 (2.01)	16.8 (1.77)	38.9 (2.67)	40.6 (2.47)	39.6 (2.84)
21 to 100 percent .....	79.4 (3.73)	68.9 (5.09)	79.9 (4.83)	65.4 (4.11)	55.9 (4.05)	68.9 (4.62)	50.5 (5.11)	48.1 (3.52)	59.8 (4.74)	32.9 (4.29)	14.3 (2.43)	18.5 (3.78)	57.8 (5.02)	46.6 (4.07)	46.9 (4.17)

†Not applicable.

‡Interpret data with caution. The coefficient of variation (CV) for this estimate is between 30 and 50 percent.

§Reporting standards not met. Either there are too few cases for a reliable estimate or the coefficient of variation (CV) is 50 percent or greater.

<sup>1</sup>Under "Any security staff," schools that reported having more than one type of security staff were counted only once.

<sup>2</sup>School Resource Officers (SROs) include all career sworn law enforcement officers with arrest authority who have specialized training and are assigned to work in collaboration with school organizations. Under "Any sworn law enforcement officers," schools that reported having both SROs and other sworn law enforcement officers were counted only once.

<sup>3</sup>Primary schools are defined as schools in which the lowest grade is not higher than grade 3 and the highest grade is not higher than grade 8.

<sup>4</sup>Secondary schools include both middle and high schools as well as combined schools. Middle schools are defined as schools in which the lowest grade is not lower than grade 4 and the highest grade is not higher than grade 9. High schools are defined as schools in which the lowest grade is not lower than grade 9 and the highest grade is not higher than grade 12. Combined schools have any combination of grades (including K–12) that is not defined specifically as primary, middle, or high school. NOTE: Responses were provided by the principal or the person most knowledgeable about crime and safety issues at the school. "At school" was defined to include activities happening in school buildings, on school grounds, on school buses, and at places that hold school-sponsored events or activities.

SOURCE: U.S. Department of Education, National Center for Education Statistics, 2005–06, 2009–10, and 2015–16 School Survey on Crime and Safety (SSOCS), 2006, 2010, and 2016. (This table was prepared September 2017.)

**Table 233.72. Among public schools with any sworn law enforcement officers present at school at least once a week, percentage with officers present at specific times and percentage with any officers present for all instructional hours every day, by school level, times present, and selected school characteristics: 2015–16**

[Standard errors appear in parentheses]

School characteristic	Among primary schools <sup>1</sup> with sworn law enforcement officers present, percent reporting that officers were					Among secondary schools <sup>2</sup> with sworn law enforcement officers present, percent reporting that officers were				
	Present at specific times at least once a week <sup>3</sup>				Present for all instructional hours every day <sup>3</sup>	Present at specific times at least once a week <sup>3</sup>				Present for all instructional hours every day <sup>3</sup>
	At any time during school hours	While students were arriving or leaving	At selected school activities <sup>4</sup>	When school/school activities were not occurring		At any time during school hours	While students were arriving or leaving	At selected school activities <sup>4</sup>	When school/school activities were not occurring	
1	2	3	4	5	6	7	8	9	10	11
<b>Total</b> .....	<b>84.8 (2.52)</b>	<b>66.9 (3.80)</b>	<b>60.2 (4.00)</b>	<b>37.1 (3.63)</b>	<b>13.4 (2.43)</b>	<b>96.5 (0.65)</b>	<b>88.3 (1.23)</b>	<b>86.8 (1.39)</b>	<b>45.2 (1.77)</b>	<b>45.8 (1.85)</b>
<b>Enrollment size</b>										
Less than 300 .....	‡ (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	93.0 (2.92)	83.0 (6.24)	84.6 (4.60)	59.3 (6.30)	38.8 (7.42)
300 to 499 .....	89.5 (3.94)	67.8 (7.39)	64.4 (6.74)	39.2 (6.11)	10.9! (4.35)	94.9 (2.46)	81.6 (3.97)	79.9 (4.49)	39.1 (3.95)	30.9 (4.02)
500 to 999 .....	80.3 (4.16)	69.7 (4.89)	64.0 (4.84)	39.6 (4.66)	18.2 (3.69)	96.3 (0.94)	87.9 (1.42)	85.2 (1.42)	39.8 (2.28)	41.2 (2.29)
1,000 or more .....	‡ (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	99.2 (0.45)	94.8 (0.92)	94.0 (1.31)	50.4 (2.12)	63.3 (2.15)
<b>Locale</b>										
City .....	81.2 (5.80)	66.1 (6.96)	57.2 (7.67)	23.1! (7.79)	9.8! (4.70)	97.8 (1.00)	88.9 (2.03)	85.0 (2.73)	47.3 (2.99)	55.0 (3.36)
Suburban .....	87.0 (4.31)	70.7 (5.72)	58.1 (5.96)	44.6 (5.80)	11.8! (3.87)	96.7 (0.91)	91.1 (1.42)	85.9 (1.69)	39.5 (2.41)	47.4 (2.21)
Town .....	85.0 (6.81)	78.4 (8.84)	71.8 (8.44)	37.0 (8.71)	32.8 (7.97)	96.3 (1.64)	89.4 (2.56)	90.1 (2.48)	45.6 (4.63)	37.6 (3.50)
Rural .....	85.3 (4.54)	54.0 (7.29)	58.2 (8.30)	40.6 (8.13)	‡ (†)	95.2 (1.93)	83.4 (2.86)	87.9 (2.90)	50.1 (4.62)	39.5 (4.46)
<b>Percent combined enrollment of Black, Hispanic, Asian, Pacific Islander, and American Indian/Alaska Native students, and students of Two or more races</b>										
Less than 5 percent .....	‡ (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	96.9 (1.83)	80.4 (6.83)	87.8 (5.48)	47.1 (9.43)	40.8 (7.50)
5 to less than 20 percent .....	82.9 (6.02)	60.2 (7.48)	62.5 (6.97)	36.5 (7.27)	18.7 (4.93)	96.7 (1.48)	85.2 (2.42)	85.1 (2.47)	46.7 (3.64)	32.3 (3.58)
20 to less than 50 percent .....	88.1 (5.79)	74.1 (7.00)	46.3 (7.62)	42.1 (7.69)	10.4! (4.23)	96.3 (1.51)	91.9 (1.61)	88.9 (2.19)	41.1 (3.11)	48.7 (3.23)
50 percent or more .....	85.1 (4.17)	69.2 (5.16)	65.7 (5.38)	37.4 (5.79)	12.9 (3.67)	96.5 (0.94)	89.2 (2.14)	86.5 (1.78)	46.7 (2.37)	53.9 (2.60)
<b>Percent of students eligible for free or reduced-price lunch</b>										
0 to 25 percent .....	‡ (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	96.2 (2.01)	86.4 (2.90)	82.3 (4.35)	40.2 (4.31)	33.8 (3.25)
26 to 50 percent .....	83.7 (6.12)	67.2 (7.88)	64.2 (5.83)	42.6 (6.61)	14.6! (4.85)	96.3 (1.22)	85.4 (2.09)	84.4 (2.12)	38.1 (3.01)	42.8 (3.31)
51 to 75 percent .....	84.5 (5.00)	67.0 (6.46)	66.0 (7.80)	37.7 (6.79)	14.4 (4.26)	96.1 (1.17)	90.3 (2.30)	91.2 (1.42)	51.2 (3.58)	47.1 (3.43)
76 to 100 percent .....	88.0 (5.17)	72.1 (7.21)	61.7 (6.39)	34.4 (6.72)	14.7! (4.62)	97.6 (1.15)	90.4 (3.04)	87.6 (2.56)	49.8 (3.44)	57.0 (4.02)
<b>Percent of students who are Limited English Proficient (LEP)</b>										
0 to 5 percent .....	85.3 (4.02)	62.8 (5.59)	57.3 (5.52)	28.5 (4.76)	12.5! (3.84)	96.4 (0.84)	86.9 (1.75)	86.5 (1.74)	44.9 (2.34)	41.8 (2.27)
6 to 20 percent .....	77.5 (6.33)	70.9 (5.71)	62.1 (7.39)	42.6 (7.26)	11.9! (5.20)	96.9 (1.31)	90.4 (1.66)	88.4 (2.07)	45.2 (3.04)	51.3 (3.01)
21 to 100 percent .....	90.8 (4.09)	70.6 (6.31)	63.6 (6.76)	47.1 (7.66)	16.2! (5.12)	96.7 (1.97)	91.3 (2.22)	85.3 (3.66)	47.2 (5.01)	57.2 (4.62)

†Not applicable.

!Interpret data with caution. The coefficient of variation (CV) for this estimate is between 30 and 50 percent.

‡Reporting standards not met. Either there are too few cases for a reliable estimate or the coefficient of variation (CV) is 50 percent or greater.

<sup>1</sup>Primary schools are defined as schools in which the lowest grade is not higher than grade 3 and the highest grade is not higher than grade 8.

<sup>2</sup>Secondary schools include both middle and high schools as well as combined schools. Middle schools are defined as schools in which the lowest grade is not lower than grade 4 and the highest grade is not higher than grade 9. High schools are defined as schools in which the lowest grade is not lower than grade 9 and the highest grade is not higher than grade 12. Combined schools have any combination of grades (including K–12) that is not defined specifically as primary, middle, or high school.

<sup>3</sup>Schools could answer “yes” to more than one question about the presence of officers at various times. Schools indicating the presence of officers at multiple times are included in each applicable column. For example, a school that indicated officers were present at

any time during school hours at least once a week and also indicated officers were present for all instructional hours every day would be shown in both of these columns.

<sup>4</sup>The questionnaire provided the following examples of selected school activities: athletic and social events, open houses, and science fairs.

NOTE: Sworn law enforcement officers include School Resource Officers as well as other sworn law enforcement officers who are not School Resource Officers. School Resource Officers are sworn law enforcement officers with arrest authority who have specialized training and are assigned to work in collaboration with school organizations. Responses were provided by the principal or the person most knowledgeable about crime and safety issues at the school. “At school” was defined to include activities happening in school buildings, on school grounds, on school buses, and at places that hold school-sponsored events or activities.

SOURCE: U.S. Department of Education, National Center for Education Statistics, 2015–16 School Survey on Crime and Safety (SSOCS), 2016. (This table was prepared September 2017.)

**Table 233.74a. Among public schools with any sworn law enforcement officers present at school at least once a week, percentage with any officers who routinely carry or wear specific items, by school level, type of item, and selected school characteristics: 2015–16**

[Standard errors appear in parentheses]

School characteristic	Among primary schools <sup>1</sup> with sworn law enforcement officers present, percent with officers who routinely				Among secondary schools <sup>2</sup> with sworn law enforcement officers present, percent with officers who routinely			
	Carry a stun gun <sup>3</sup>	Carry chemical aerosol sprays <sup>4</sup>	Carry a firearm	Wear a body camera	Carry a stun gun <sup>3</sup>	Carry chemical aerosol sprays <sup>4</sup>	Carry a firearm	Wear a body camera
1	2	3	4	5	6	7	8	9
<b>Total</b> .....	<b>63.5 (3.53)</b>	<b>58.7 (3.57)</b>	<b>85.6 (2.39)</b>	<b>13.4 (2.51)</b>	<b>70.4 (1.96)</b>	<b>72.1 (1.73)</b>	<b>93.3 (0.76)</b>	<b>18.6 (1.03)</b>
<b>Enrollment size</b>								
Less than 300 .....	‡ (†)	‡ (†)	‡ (†)	‡ (†)	76.6 (8.32)	61.0 (7.41)	91.4 (3.60)	14.0 (3.93)
300 to 499 .....	58.5 (7.25)	64.3 (6.32)	91.1 (3.66)	14.8! (5.05)	63.0 (5.05)	67.6 (4.06)	88.3 (3.14)	14.7 (2.73)
500 to 999 .....	64.3 (4.92)	50.6 (4.12)	77.8 (3.97)	13.5 (3.44)	69.2 (2.65)	73.5 (2.21)	94.0 (1.12)	21.2 (2.16)
1,000 or more .....	‡ (†)	‡ (†)	‡ (†)	‡ (†)	74.1 (2.37)	77.4 (2.21)	96.1 (0.84)	19.4 (2.07)
<b>Locale</b>								
City .....	48.1 (7.65)	42.5 (7.68)	73.1 (7.03)	‡ (†)	66.6 (3.24)	70.0 (2.87)	86.8 (2.21)	18.4 (2.24)
Suburban .....	70.9 (5.40)	59.8 (5.19)	85.9 (4.77)	9.1! (3.09)	69.6 (2.61)	76.1 (2.32)	95.2 (1.11)	13.1 (1.50)
Town .....	76.6 (7.48)	70.6 (8.94)	97.0 (3.02)	25.0! (8.33)	81.0 (2.57)	77.3 (3.67)	96.9 (1.30)	29.2 (3.69)
Rural .....	59.4 (7.49)	65.4 (6.22)	90.1 (4.03)	20.2 (5.73)	68.9 (4.49)	66.3 (3.71)	95.2 (1.76)	19.4 (2.53)
<b>Percent combined enrollment of Black, Hispanic, Asian, Pacific Islander, and American Indian/Alaska Native students, and students of Two or more races</b>								
Less than 5 percent .....	‡ (†)	‡ (†)	‡ (†)	‡ (†)	67.2 (8.30)	56.8 (7.41)	95.2 (3.15)	15.7! (5.35)
5 to less than 20 percent .....	68.2 (6.89)	66.1 (7.59)	89.7 (4.71)	16.6! (5.82)	72.6 (3.68)	72.9 (3.09)	94.4 (1.74)	19.2 (2.18)
20 to less than 50 percent .....	72.8 (7.11)	62.4 (7.52)	92.2 (4.61)	16.9! (7.30)	74.8 (3.15)	76.7 (3.18)	97.0 (0.93)	21.4 (2.75)
50 percent or more .....	57.2 (5.46)	51.5 (5.29)	79.3 (3.62)	9.9! (3.26)	66.5 (2.80)	71.2 (2.53)	89.7 (1.49)	16.9 (1.68)
<b>Percent of students eligible for free or reduced-price lunch</b>								
0 to 25 percent .....	‡ (†)	‡ (†)	‡ (†)	‡ (†)	69.4 (3.79)	73.5 (2.95)	95.0 (1.50)	17.2 (3.32)
26 to 50 percent .....	62.4 (7.82)	63.9 (7.31)	85.1 (5.87)	17.2! (5.95)	76.0 (3.02)	72.4 (3.43)	95.2 (1.48)	20.1 (2.69)
51 to 75 percent .....	67.2 (5.90)	59.0 (7.00)	88.5 (4.03)	24.7 (6.36)	69.6 (3.02)	74.5 (2.64)	94.0 (1.66)	20.3 (2.20)
76 to 100 percent .....	63.0 (5.84)	55.4 (5.38)	85.5 (4.42)	‡ (†)	65.6 (3.86)	67.6 (3.63)	88.7 (2.39)	15.8 (2.37)
<b>Percent of students who are Limited English Proficient (LEP)</b>								
0 to 5 percent .....	64.5 (6.62)	62.3 (6.07)	84.5 (4.16)	10.3! (3.11)	69.8 (2.46)	71.2 (2.21)	93.8 (0.93)	15.8 (1.36)
6 to 20 percent .....	64.1 (6.36)	52.8 (5.27)	92.7 (3.56)	18.5! (5.60)	72.8 (2.83)	73.9 (3.11)	93.3 (1.86)	21.0 (2.18)
21 to 100 percent .....	61.3 (6.94)	57.7 (6.86)	80.9 (4.99)	14.3! (5.43)	68.4 (4.90)	73.6 (4.90)	89.9 (3.00)	30.8 (5.54)

†Not applicable.

!Interpret data with caution. The coefficient of variation (CV) for this estimate is between 30 and 50 percent.

‡Reporting standards not met. Either there are too few cases for a reliable estimate or the coefficient of variation (CV) is 50 percent or greater.

<sup>1</sup>Primary schools are defined as schools in which the lowest grade is not higher than grade 3 and the highest grade is not higher than grade 8.

<sup>2</sup>Secondary schools include both middle and high schools as well as combined schools. Middle schools are defined as schools in which the lowest grade is not lower than grade 4 and the highest grade is not higher than grade 9. High schools are defined as schools in which the lowest grade is not lower than grade 9 and the highest grade is not higher than grade 12. Combined schools have any combination of grades (including K–12) that is not defined specifically as primary, middle, or high school.

<sup>3</sup>The questionnaire cited a Taser gun as an example of a stun gun.

<sup>4</sup>The questionnaire provided the following examples of chemical aerosol sprays: Mace and pepper spray.

NOTE: Sworn law enforcement officers include School Resource Officers as well as other sworn law enforcement officers who are not School Resource Officers. School Resource Officers are sworn law enforcement officers with arrest authority who have specialized training and are assigned to work in collaboration with school organizations. Responses were provided by the principal or the person most knowledgeable about crime and safety issues at the school. "At school" was defined to include activities happening in school buildings, on school grounds, on school buses, and at places that hold school-sponsored events or activities.

SOURCE: U.S. Department of Education, National Center for Education Statistics, 2015–16 School Survey on Crime and Safety (SSOCS), 2016. (This table was prepared September 2017.)

**Table 233.74b. Among public schools with any sworn law enforcement officers present at school at least once a week, percentage with officers participating in selected activities, by type of activity, school level, and selected school characteristics: 2015–16**

[Standard errors appear in parentheses]

School level and characteristic	Among schools with sworn law enforcement officers present, percent with officers participating in activity																			
	Motor vehicle traffic control		Security enforcement and patrol		Maintaining school discipline		Coordinating with local police and emergency team(s)		Identifying problems in the school and proactively seeking solutions		Training teachers and staff in school safety or crime prevention		Mentoring students		Teaching a law-related education course or training students <sup>1</sup>		Recording or reporting discipline problems to school authorities		Providing information to school authorities about legal definitions <sup>2</sup>	
1	2		3		4		5		6		7		8		9		10		11	
<b>All primary schools<sup>3</sup> with sworn law enforcement officers present .....</b>	<b>58.6</b>	<b>(3.96)</b>	<b>67.4</b>	<b>(3.20)</b>	<b>43.3</b>	<b>(3.51)</b>	<b>73.3</b>	<b>(2.68)</b>	<b>63.6</b>	<b>(3.18)</b>	<b>45.4</b>	<b>(4.07)</b>	<b>59.5</b>	<b>(3.30)</b>	<b>31.0</b>	<b>(3.21)</b>	<b>50.1</b>	<b>(3.58)</b>	<b>48.8</b>	<b>(3.35)</b>
Enrollment size																				
Less than 300 .....	‡	(†)	‡	(†)	‡	(†)	‡	(†)	‡	(†)	‡	(†)	‡	(†)	‡	(†)	‡	(†)	‡	(†)
300 to 499 .....	53.7	(7.13)	68.6	(5.64)	43.8	(6.87)	72.5	(5.83)	66.6	(6.45)	47.2	(7.40)	62.1	(6.02)	31.1	(6.45)	55.3	(6.33)	55.0	(6.71)
500 to 999 .....	63.1	(5.67)	68.3	(4.52)	48.9	(4.96)	79.1	(3.70)	63.0	(4.61)	44.1	(4.65)	58.3	(4.72)	29.7	(4.40)	51.7	(5.29)	50.0	(4.14)
1,000 or more .....	‡	(†)	‡	(†)	‡	(†)	‡	(†)	‡	(†)	‡	(†)	‡	(†)	‡	(†)	‡	(†)	‡	(†)
Locale																				
City .....	49.0	(7.11)	54.1	(6.55)	34.8	(6.31)	54.1	(6.84)	60.1	(7.64)	32.0	(7.84)	60.8	(6.88)	29.7	(6.63)	48.2	(8.34)	36.4	(8.47)
Suburban .....	67.8	(6.21)	71.9	(5.94)	41.7	(5.82)	84.0	(3.85)	64.8	(4.98)	54.0	(5.86)	55.6	(5.48)	36.1	(5.74)	45.7	(5.80)	48.9	(5.90)
Town .....	70.6	(9.61)	75.4	(7.59)	50.2	(9.58)	82.0	(8.45)	67.6	(9.59)	44.2	(9.50)	44.8	(10.28)	17.4!	(7.52)	55.0	(8.71)	56.8	(9.57)
Rural .....	46.4	(8.45)	69.2	(6.95)	49.6	(7.40)	71.3	(7.21)	62.6	(7.07)	47.4	(6.46)	74.2	(7.15)	34.6	(7.08)	55.3	(6.12)	56.0	(6.18)
Percent combined enrollment of Black, Hispanic, Asian, Pacific Islander, and American Indian/Alaska Native students, and students of Two or more races																				
Less than 5 percent .....	‡	(†)	‡	(†)	‡	(†)	‡	(†)	‡	(†)	‡	(†)	‡	(†)	‡	(†)	‡	(†)	‡	(†)
5 to less than 20 percent .....	49.7	(7.66)	65.1	(6.23)	34.6	(6.93)	80.4	(5.96)	68.7	(6.03)	47.9	(6.89)	54.0	(6.99)	32.5	(6.42)	57.8	(6.48)	55.3	(7.31)
20 to less than 50 percent .....	65.3	(8.32)	73.1	(7.26)	47.1	(7.22)	74.0	(6.95)	62.1	(8.21)	51.0	(8.17)	58.9	(8.63)	24.7	(6.18)	45.0	(7.74)	46.1	(7.90)
50 percent or more .....	61.7	(5.14)	65.6	(5.30)	45.3	(4.73)	71.1	(5.18)	64.3	(5.05)	43.5	(6.36)	63.0	(6.26)	34.0	(5.19)	48.1	(5.06)	47.1	(5.57)
Percent of students eligible for free or reduced-price lunch																				
0 to 25 percent .....	‡	(†)	‡	(†)	‡	(†)	‡	(†)	‡	(†)	‡	(†)	‡	(†)	‡	(†)	‡	(†)	‡	(†)
26 to 50 percent .....	65.5	(8.25)	64.3	(6.41)	38.3	(7.29)	66.2	(7.34)	61.5	(6.54)	46.7	(7.45)	58.4	(6.79)	23.5	(5.76)	50.8	(7.72)	57.2	(7.63)
51 to 75 percent .....	59.3	(7.10)	74.5	(5.62)	52.2	(6.18)	81.6	(5.38)	63.2	(6.53)	47.2	(6.72)	63.4	(4.98)	44.3	(7.45)	45.3	(6.64)	50.5	(6.72)
76 to 100 percent .....	56.9	(6.35)	67.4	(6.30)	47.6	(5.06)	64.6	(6.43)	69.9	(5.70)	37.2	(7.41)	63.0	(7.26)	27.2	(7.33)	55.7	(5.83)	46.2	(6.92)
Percent of students who are Limited English Proficient (LEP)																				
0 to 5 percent .....	57.4	(5.29)	63.5	(5.06)	42.5	(5.53)	71.5	(4.76)	61.6	(5.66)	46.3	(6.17)	54.1	(4.97)	23.3	(4.33)	50.2	(4.86)	47.2	(5.22)
6 to 20 percent .....	65.5	(7.88)	73.7	(7.71)	36.8	(5.21)	82.0	(5.26)	62.5	(7.01)	50.1	(6.20)	64.6	(7.43)	42.5	(6.62)	48.3	(8.27)	43.8	(8.17)
21 to 100 percent .....	54.1	(7.58)	68.6	(5.63)	50.7	(6.40)	68.4	(6.39)	68.2	(6.73)	39.3	(7.36)	64.1	(8.37)	34.0	(7.01)	51.8	(6.74)	56.4	(7.15)
<b>All secondary schools<sup>4</sup> with sworn law enforcement officers present .....</b>	<b>74.7</b>	<b>(1.48)</b>	<b>87.8</b>	<b>(1.24)</b>	<b>63.3</b>	<b>(1.58)</b>	<b>93.0</b>	<b>(0.88)</b>	<b>80.9</b>	<b>(1.15)</b>	<b>57.1</b>	<b>(1.72)</b>	<b>68.3</b>	<b>(1.71)</b>	<b>37.3</b>	<b>(1.70)</b>	<b>79.0</b>	<b>(1.42)</b>	<b>81.5</b>	<b>(1.35)</b>
Enrollment size																				
Less than 300 .....	76.7	(7.00)	89.1	(5.97)	53.4	(7.93)	95.8	(2.33)	72.7	(6.83)	51.7	(7.13)	55.0	(7.65)	30.6	(6.19)	71.8	(6.56)	69.1	(5.55)
300 to 499 .....	63.2	(4.13)	75.1	(4.00)	58.0	(4.68)	83.2	(3.53)	70.2	(4.42)	54.5	(3.90)	55.7	(4.95)	33.8	(4.14)	70.4	(4.97)	72.9	(3.22)
500 to 999 .....	76.4	(1.93)	88.2	(1.40)	64.9	(2.34)	93.4	(1.16)	81.0	(1.91)	57.2	(2.39)	70.8	(2.27)	40.2	(2.83)	78.8	(2.29)	81.9	(2.01)
1,000 or more .....	78.7	(2.40)	94.4	(0.95)	68.5	(2.07)	97.2	(0.59)	90.5	(1.17)	60.7	(2.41)	77.8	(1.97)	38.4	(2.43)	87.1	(1.68)	90.8	(1.45)

See notes at end of table.

**Table 233.74b. Among public schools with any sworn law enforcement officers present at school at least once a week, percentage with officers participating in selected activities, by type of activity, school level, and selected school characteristics: 2015–16—Continued**

[Standard errors appear in parentheses]

School level and characteristic	Among schools with sworn law enforcement officers present, percent with officers participating in activity																			
	Motor vehicle traffic control		Security enforcement and patrol		Maintaining school discipline		Coordinating with local police and emergency team(s)		Identifying problems in the school and proactively seeking solutions		Training teachers and staff in school safety or crime prevention		Mentoring students		Teaching a law-related education course or training students <sup>1</sup>		Recording or reporting discipline problems to school authorities		Providing information to school authorities about legal definitions <sup>2</sup>	
1	2		3		4		5		6		7		8		9		10		11	
<b>Locale</b>																				
City .....	66.5	(3.56)	88.3	(2.07)	65.9	(2.98)	91.7	(1.47)	80.4	(2.41)	50.1	(3.50)	66.9	(3.29)	30.8	(3.16)	82.4	(2.21)	81.7	(2.77)
Suburban .....	75.5	(2.46)	86.9	(1.91)	65.0	(2.08)	94.9	(1.16)	83.6	(2.07)	59.7	(2.78)	71.4	(2.18)	42.0	(2.34)	81.4	(2.19)	83.5	(1.77)
Town .....	79.7	(3.40)	93.5	(2.50)	60.7	(4.52)	94.4	(1.65)	80.6	(3.22)	60.3	(4.72)	66.1	(4.58)	34.8	(4.41)	76.4	(4.40)	83.0	(3.12)
Rural .....	78.9	(3.13)	85.1	(3.02)	60.3	(4.14)	91.1	(2.53)	78.2	(3.44)	58.9	(4.00)	67.1	(4.78)	39.4	(3.84)	74.1	(3.95)	77.7	(3.36)
<b>Percent combined enrollment of Black, Hispanic, Asian, Pacific Islander, and American Indian/Alaska Native students, and students of Two or more races</b>																				
Less than 5 percent .....	73.7	(7.61)	82.7	(8.13)	68.8	(9.13)	85.3	(6.09)	79.8	(6.70)	51.5	(9.18)	67.9	(8.74)	42.8	(7.96)	71.3	(8.91)	74.7	(9.08)
5 to less than 20 percent .....	77.6	(2.74)	86.2	(2.11)	57.7	(3.38)	94.4	(1.37)	77.9	(3.14)	67.3	(3.04)	64.9	(3.66)	43.5	(3.26)	75.0	(3.79)	79.7	(2.98)
20 to less than 50 percent .....	81.2	(2.35)	90.5	(1.78)	62.8	(3.30)	94.9	(1.69)	85.1	(2.40)	61.4	(2.77)	75.0	(2.81)	42.2	(3.18)	80.9	(2.98)	85.1	(1.54)
50 percent or more .....	68.5	(3.03)	87.9	(2.07)	66.6	(2.77)	92.1	(1.30)	80.3	(2.00)	48.2	(2.80)	66.1	(2.50)	28.9	(2.28)	81.6	(1.69)	81.3	(1.80)
<b>Percent of students eligible for free or reduced-price lunch</b>																				
0 to 25 percent .....	76.9	(3.05)	82.6	(3.20)	51.8	(3.54)	90.9	(2.56)	82.6	(2.26)	63.1	(3.25)	66.2	(2.90)	51.6	(3.96)	75.8	(3.98)	78.1	(3.86)
26 to 50 percent .....	75.1	(2.79)	86.8	(2.12)	64.8	(2.81)	93.5	(1.55)	82.3	(2.10)	62.7	(3.20)	72.5	(2.52)	36.9	(2.96)	82.7	(1.83)	85.9	(2.49)
51 to 75 percent .....	76.0	(2.55)	90.8	(2.08)	65.1	(3.48)	93.2	(1.39)	80.9	(2.60)	55.8	(3.68)	69.7	(3.21)	36.1	(3.06)	74.4	(2.84)	79.1	(2.46)
76 to 100 percent .....	70.9	(3.52)	89.2	(3.18)	68.5	(4.10)	93.7	(1.62)	77.9	(3.39)	47.6	(3.88)	63.0	(3.95)	28.2	(4.23)	83.0	(2.75)	82.0	(2.88)
<b>Percent of students who are Limited English Proficient (LEP)</b>																				
0 to 5 percent .....	74.7	(1.82)	85.7	(1.83)	61.7	(2.38)	92.7	(1.31)	80.3	(1.83)	58.9	(2.08)	67.0	(2.34)	40.0	(2.14)	76.9	(2.02)	80.7	(1.91)
6 to 20 percent .....	75.3	(2.79)	91.0	(1.63)	66.7	(3.02)	92.9	(1.48)	82.8	(2.29)	56.4	(3.62)	74.0	(2.61)	31.4	(2.94)	81.4	(2.35)	84.8	(2.22)
21 to 100 percent .....	73.4	(5.72)	92.9	(2.28)	65.6	(5.76)	94.8	(1.95)	80.3	(4.60)	47.9	(5.19)	61.9	(5.41)	35.2	(5.09)	85.6	(3.45)	78.1	(4.95)

†Not applicable.

‡Interpret data with caution. The coefficient of variation (CV) for this estimate is between 30 and 50 percent.

§Reporting standards not met. Either there are too few cases for a reliable estimate or the coefficient of variation (CV) is 50 percent or greater.

<sup>1</sup>The questionnaire provided the following examples of courses or training: drug-related education, criminal law, or crime prevention courses.

<sup>2</sup>The questionnaire provided the following example of providing information about legal definitions for recording or reporting purposes: defining assault for school authorities.

<sup>3</sup>Primary schools are defined as schools in which the lowest grade is not higher than grade 3 and the highest grade is not higher than grade 8.

<sup>4</sup>Secondary schools include both middle and high schools as well as combined schools. Middle schools are defined as schools in which the lowest grade is not lower than grade 4 and the highest grade is not higher than grade 9. High schools are defined

as schools in which the lowest grade is not lower than grade 9 and the highest grade is not higher than grade 12. Combined schools have any combination of grades (including K–12) that is not defined specifically as primary, middle, or high school. NOTE: Sworn law enforcement officers include School Resource Officers as well as other sworn law enforcement officers who are not School Resource Officers. School Resource Officers are sworn law enforcement officers with arrest authority who have specialized training and are assigned to work in collaboration with school organizations. Responses were provided by the principal or the person most knowledgeable about crime and safety issues at the school. “At school” was defined to include activities happening in school buildings, on school grounds, on school buses, and at places that hold school-sponsored events or activities.

SOURCE: U.S. Department of Education, National Center for Education Statistics, 2015–16 School Survey on Crime and Safety (SSOCS), 2016. (This table was prepared September 2017.)

**Table 233.74c. Among public schools with any sworn law enforcement officers present at school at least once a week, percentage with formalized policies or written documents defining the roles of officers at school, by school level, specific areas for which officers' role is defined, and selected school characteristics: 2015–16**

[Standard errors appear in parentheses]

School characteristic	Among primary schools <sup>1</sup> with sworn law enforcement officers present							Among secondary schools <sup>2</sup> with sworn law enforcement officers present						
	Percent with any formalized policies or documents defining officers' roles at school <sup>3</sup>	Among schools with any formalized policies or documents, percent with policies or documents defining officers' role in specific area					Percent with any formalized policies or documents defining officers' roles at school <sup>3</sup>	Among schools with any formalized policies or documents, percent with policies or documents defining officers' role in specific area						
		Student discipline	Use of physical restraints <sup>4</sup>	Use of firearms	Making arrests on school grounds	Reporting criminal offenses to a law enforcement agency		Student discipline	Use of physical restraints <sup>4</sup>	Use of firearms	Making arrests on school grounds	Reporting criminal offenses to a law enforcement agency		
1	2	3	4	5	6	7	8	9	10	11	12	13		
<b>Total</b> .....	<b>50.9 (3.64)</b>	<b>56.4 (6.01)</b>	<b>38.3 (5.69)</b>	<b>31.7 (5.15)</b>	<b>47.9 (6.00)</b>	<b>52.6 (5.49)</b>	<b>69.6 (1.80)</b>	<b>58.7 (1.83)</b>	<b>48.7 (1.95)</b>	<b>44.8 (2.26)</b>	<b>63.0 (1.77)</b>	<b>71.1 (1.67)</b>		
Enrollment size														
Less than 300 .....	‡ (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	42.8 (7.77)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)		
300 to 499 .....	47.2 (6.65)	53.0 (9.71)	41.3 (9.47)	35.6 (8.52)	53.0 (10.13)	48.1 (9.50)	54.5 (4.39)	43.7 (6.03)	36.8 (5.48)	39.5 (5.72)	56.5 (5.25)	68.9 (5.25)		
500 to 999 .....	56.4 (5.02)	62.2 (6.20)	38.4 (6.16)	30.4 (5.95)	46.5 (6.60)	52.4 (6.10)	75.6 (2.25)	59.3 (2.90)	45.4 (3.27)	40.6 (3.47)	60.3 (3.13)	68.3 (2.69)		
1,000 or more .....	‡ (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	81.3 (2.11)	62.3 (2.76)	54.1 (2.48)	48.4 (2.64)	67.0 (2.41)	75.0 (2.14)		
Locale														
City .....	55.0 (6.96)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	75.7 (3.17)	68.7 (3.54)	63.2 (3.73)	53.4 (3.95)	70.9 (3.07)	78.2 (2.71)		
Suburban .....	49.2 (6.62)	57.0 (7.78)	41.0 (7.76)	38.4 (7.79)	54.9 (8.52)	60.8 (7.99)	76.1 (2.11)	56.1 (2.56)	43.5 (2.79)	41.9 (3.23)	59.0 (2.89)	68.1 (2.77)		
Town .....	62.8 (9.99)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	68.8 (4.30)	48.6 (5.05)	36.7 (4.49)	36.3 (4.27)	57.1 (5.09)	62.0 (4.57)		
Rural .....	40.5 (6.94)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	55.8 (4.09)	57.2 (4.22)	46.8 (4.64)	44.2 (4.54)	63.6 (4.37)	73.1 (3.35)		
Percent combined enrollment of Black, Hispanic, Asian, Pacific Islander, and American Indian/Alaska Native students, and students of Two or more races														
Less than 5 percent .....	‡ (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	48.3 (8.55)	45.0 (9.59)	49.6 (10.15)	31.8 (9.38)	61.6 (9.73)	70.9 (9.09)		
5 to less than 20 percent .....	48.2 (5.75)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	58.7 (3.20)	47.1 (3.67)	35.3 (3.22)	37.8 (3.75)	51.4 (4.22)	64.7 (3.05)		
20 to less than 50 percent .....	54.0 (9.30)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	77.7 (2.92)	61.1 (2.78)	49.4 (3.30)	46.7 (3.06)	65.6 (3.28)	73.6 (2.96)		
50 percent or more .....	53.7 (5.69)	55.2 (8.35)	38.3 (8.51)	30.6 (7.73)	51.3 (8.86)	53.9 (8.68)	75.1 (2.72)	64.8 (2.54)	55.3 (3.03)	48.6 (3.19)	67.6 (2.03)	72.7 (2.14)		
Percent of students eligible for free or reduced-price lunch														
0 to 25 percent .....	‡ (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	71.1 (3.14)	53.0 (4.07)	34.2 (3.40)	38.5 (4.61)	53.4 (4.98)	68.3 (3.88)		
26 to 50 percent .....	51.7 (8.33)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	69.9 (2.66)	51.4 (3.73)	41.8 (3.50)	38.2 (3.42)	54.8 (4.23)	64.0 (3.53)		
51 to 75 percent .....	54.9 (7.25)	34.0! (11.40)	18.1! (8.54)	19.5! (8.40)	34.5 (8.84)	40.6 (9.43)	64.3 (3.13)	60.6 (3.38)	51.2 (3.68)	47.4 (3.92)	68.9 (3.10)	73.4 (3.46)		
76 to 100 percent .....	54.1 (6.85)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	74.8 (4.60)	69.1 (3.52)	64.2 (4.09)	53.8 (4.51)	72.7 (3.40)	78.3 (2.80)		
Percent of students who are Limited English Proficient (LEP)														
0 to 5 percent .....	47.4 (4.38)	55.8 (8.88)	38.3 (7.93)	27.2 (7.51)	41.4 (8.34)	51.1 (7.58)	64.5 (2.08)	57.0 (2.38)	46.6 (2.58)	44.8 (2.77)	62.1 (2.46)	72.4 (2.11)		
6 to 20 percent .....	57.6 (8.21)	48.2 (9.12)	42.3 (9.12)	43.3 (9.02)	48.4 (9.14)	50.9 (8.76)	79.7 (2.74)	60.0 (3.90)	49.3 (3.03)	42.7 (2.64)	63.1 (3.13)	67.7 (3.12)		
21 to 100 percent .....	50.7 (7.14)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	76.4 (4.54)	64.6 (6.75)	58.6 (6.62)	49.9 (6.48)	67.9 (5.80)	72.5 (5.08)		
Officers routinely carry or wear specific items														
Carry a stun gun <sup>5</sup> .....	53.4 (4.74)	54.9 (7.14)	39.8 (6.40)	33.2 (6.46)	47.2 (7.53)	58.3 (6.84)	70.7 (2.05)	56.3 (2.32)	47.5 (2.46)	43.4 (2.68)	61.5 (2.29)	69.3 (2.03)		
Carry chemical aerosol sprays <sup>6</sup> .....	52.0 (4.92)	56.5 (7.18)	40.3 (6.40)	35.9 (6.82)	49.9 (7.30)	56.4 (7.40)	71.8 (2.15)	59.0 (2.14)	50.5 (2.32)	47.6 (2.50)	64.9 (2.27)	71.9 (2.13)		
Carry a firearm .....	52.8 (3.90)	55.7 (6.20)	37.4 (5.71)	34.5 (5.39)	49.5 (6.09)	52.5 (5.84)	70.1 (1.69)	58.3 (1.96)	48.9 (2.03)	46.4 (2.27)	63.3 (1.81)	71.0 (1.72)		
Wear a body camera .....	‡ (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	77.8 (3.42)	60.0 (4.28)	48.9 (4.50)	46.6 (5.05)	65.5 (4.09)	70.9 (4.08)		

†Not applicable.

‡Interpret data with caution. The coefficient of variation (CV) for this estimate is between 30 and 50 percent.

‡Reporting standards not met (too few cases for a reliable estimate).

<sup>1</sup>Primary schools are defined as schools in which the lowest grade is not higher than grade 3 and the highest grade is not higher than grade 8.

<sup>2</sup>Secondary schools include both middle and high schools as well as combined schools. Middle schools are defined as schools in which the lowest grade is not lower than grade 4 and the highest grade is not higher than grade 9. High schools are defined as schools in which the lowest grade is not lower than grade 9 and the highest grade is not higher than grade 12. Combined schools have any combination of grades (including K–12) that is not defined specifically as primary, middle, or high school.

<sup>3</sup>The questionnaire asked, "did your school or school district have any formalized policies or written documents (e.g., Memorandum of Use, Memorandum of Agreement) that outlined the roles, responsibilities, and expectations of sworn law enforcement officers (including School Resource Officers) at school?"

<sup>4</sup>The questionnaire provided the following examples of use of physical restraints: handcuffs, Tasers, Mace, pepper spray, or other physical or chemical restraints.

<sup>5</sup>The questionnaire cited a Taser gun as an example of a stun gun.

<sup>6</sup>The questionnaire provided the following examples of chemical aerosol sprays: Mace and pepper spray.

NOTE: Sworn law enforcement officers include School Resource Officers as well as other sworn law enforcement officers who are not School Resource Officers. School Resource Officers are sworn law enforcement officers with arrest authority who have specialized training and are assigned to work in collaboration with school organizations. Responses were provided by the principal or the person most knowledgeable about crime and safety issues at the school. "At school" was defined to include activities happening in school buildings, on school grounds, on school buses, and at places that hold school-sponsored events or activities.

SOURCE: U.S. Department of Education, National Center for Education Statistics, 2015–16 School Survey on Crime and Safety (SSOCS), 2016. (This table was prepared September 2017.)

**Table 233.80. Percentage of students ages 12–18 who reported various security measures at school: Selected years, 1999 through 2015**

[Standard errors appear in parentheses]

Security measure	1999	2001	2003	2005	2007	2009	2011	2013	2015
1	2	3	4	5	6	7	8	9	10
<b>Total, at least one of the listed security measures .....</b>	<b>— (†)</b>	<b>99.4 (0.09)</b>	<b>99.3 (0.12)</b>	<b>99.6 (0.10)</b>	<b>99.8 (0.06)</b>	<b>99.3 (0.10)</b>	<b>99.6 (0.08)</b>	<b>99.6 (0.07)</b>	<b>99.8 (0.06)</b>
Metal detectors .....	9.0 (0.51)	8.7 (0.61)	10.1 (0.84)	10.7 (0.74)	10.1 (0.51)	10.6 (0.76)	11.2 (0.64)	11.0 (0.72)	12.3 (0.74)
Locker checks .....	53.3 (0.83)	53.5 (0.92)	53.0 (0.91)	53.2 (0.90)	53.6 (0.95)	53.8 (1.17)	53.0 (0.99)	52.0 (1.13)	52.9 (1.25)
One or more security cameras to monitor the school .....	— (†)	38.5 (1.13)	47.9 (1.16)	57.9 (1.35)	66.0 (0.99)	70.0 (1.05)	76.7 (0.83)	76.7 (1.06)	82.5 (0.85)
Security guards and/or assigned police officers .....	54.1 (1.36)	63.6 (1.25)	69.6 (0.91)	68.3 (1.13)	68.8 (0.98)	68.1 (1.05)	69.8 (1.01)	70.4 (1.04)	69.5 (1.07)
Other school staff or other adults supervising the hallway .....	85.4 (0.54)	88.3 (0.45)	90.6 (0.39)	90.1 (0.42)	90.0 (0.50)	90.6 (0.46)	88.9 (0.46)	90.5 (0.51)	89.5 (0.55)
A requirement that students wear badges or picture identification .....	— (†)	21.2 (0.99)	22.5 (1.11)	24.9 (1.20)	24.3 (1.00)	23.4 (1.14)	24.8 (1.02)	26.2 (1.02)	23.9 (1.06)
A written code of student conduct .....	— (†)	95.1 (0.34)	95.3 (0.37)	95.5 (0.36)	95.9 (0.29)	95.6 (0.39)	95.7 (0.30)	95.9 (0.30)	95.7 (0.38)
Locked entrance or exit doors during the day .....	38.1 (0.97)	48.8 (1.12)	52.8 (1.16)	54.3 (1.06)	60.9 (1.07)	64.3 (1.27)	64.5 (1.02)	75.8 (1.10)	78.2 (0.97)
A requirement that visitors sign in .....	87.1 (0.62)	90.2 (0.58)	91.7 (0.48)	93.0 (0.49)	94.3 (0.38)	94.3 (0.52)	94.9 (0.37)	95.8 (0.37)	90.2 (0.62)

—Not available.

†Not applicable.

NOTE: "At school" includes the school building, on school property, on a school bus, and, from 2001 onward, going to and from school.

SOURCE: U.S. Department of Justice, Bureau of Justice Statistics, School Crime Supplement (SCS) to the National Crime Victimization Survey, 1999 through 2015. (This table was prepared August 2016.)

**Table 234.10. Age range for compulsory school attendance and special education services, and policies on year-round schools and kindergarten programs, by state: Selected years, 2000 through 2018**

State	Compulsory attendance							Compulsory special education services, 2004 <sup>1</sup>	Year-round schools, 2008		Kindergarten programs, 2018		
	2000	2002	2004	2006	2010	2015	2017		Has policy on year-round schools	Has districts with year-round schools	School districts required to offer		Attendance required
											Program	Full-day program	
1	2	3	4	5	6	7	8	9	10	11	12	13	14
Alabama	7 to 16	7 to 16	7 to 16 <sup>2</sup>	7 to 16	7 to 17	6 to 17 <sup>3</sup>	6 to 17 <sup>3</sup>	6 to 21		Yes	X	X	
Alaska	7 to 16	7 to 16	7 to 16 <sup>2</sup>	7 to 16	7 to 16	7 to 16 <sup>2</sup>	7 to 16 <sup>2</sup>	3 to 22		Yes			
Arizona	6 to 16 <sup>2</sup>	3 to 21		—	X								
Arkansas	5 to 17 <sup>2,3</sup>	5 to 18	5 to 18	5 to 18	X	Yes	X	X	X				
California	6 to 18 <sup>2</sup>	6 to 18	Birth to 21 <sup>4</sup>	X	Yes	X							
Colorado	—	—	7 to 16	7 to 16	6 to 17	6 to 17	6 to 17	3 to 21		Yes	X		
Connecticut	7 to 16	7 to 16	7 to 18 <sup>2</sup>	5 to 18 <sup>3</sup>	3 to 21		—	X					
Delaware	5 to 16	5 to 16	5 to 16 <sup>2</sup>	5 to 16	5 to 16	5 to 16	5 to 16	Birth to 20		Yes	X	X	X
District of Columbia	—	5 to 18	—		—	X	X	X					
Florida	6 to 16 <sup>5</sup>	6 to 16	6 to 16	3 to 21	X	Yes	X						
Georgia	6 to 16	Birth to 21 <sup>6</sup>		Yes	X								
Hawaii	6 to 18	5 to 18	5 to 18	Birth to 19		( <sup>7</sup> )	X	X	X				
Idaho	7 to 16	3 to 21		Yes									
Illinois	7 to 16	7 to 16	7 to 17	7 to 17	7 to 17	6 to 17	6 to 17	3 to 21	X	Yes	X	( <sup>8</sup> )	
Indiana	7 to 16	7 to 16	7 to 16	7 to 18 <sup>2</sup>	7 to 18 <sup>2</sup>	7 to 18	7 to 18	3 to 22		Yes	X		
Iowa	6 to 16 <sup>2</sup>	6 to 16 <sup>2</sup>	6 to 16	6 to 16	6 to 16	6 to 16 <sup>9</sup>	6 to 16 <sup>9</sup>	Birth to 21	X	Yes	X		( <sup>10</sup> )
Kansas	7 to 18 <sup>2</sup>	7 to 18	7 to 18	3 to 21 <sup>11</sup>		—	X						
Kentucky	6 to 16	6 to 16	6 to 16 <sup>2</sup>	6 to 16	6 to 16	6 to 18 <sup>12</sup>	6 to 18	Birth to 21		Yes	X		
Louisiana	7 to 17	7 to 17	7 to 17 <sup>2</sup>	7 to 18 <sup>2</sup>	7 to 18 <sup>2</sup>	7 to 18	7 to 18	3 to 21 <sup>13</sup>		Yes	X	X	X <sup>14</sup>
Maine	7 to 17	7 to 17	7 to 17 <sup>2</sup>	7 to 17 <sup>2</sup>	7 to 17 <sup>2</sup>	7 to 17	7 to 17	5 to 19 <sup>13,15</sup>		—	X		( <sup>10</sup> )
Maryland	5 to 16	5 to 16	5 to 16	5 to 16	5 to 16 <sup>3</sup>	5 to 17	5 to 18	Birth to 21	X	—	X	X	X
Massachusetts	6 to 16	6 to 16	6 to 16	6 to 16 <sup>2</sup>	6 to 16 <sup>2</sup>	6 to 16	6 to 16	3 to 21 <sup>6</sup>	( <sup>17</sup> )	—	X	X	( <sup>10</sup> )
Michigan	6 to 16	6 to 16	6 to 16	6 to 16	6 to 18	6 to 18	6 to 18	Birth to 25	X	Yes			
Minnesota	7 to 18 <sup>2</sup>	7 to 16	7 to 16	7 to 16 <sup>2</sup>	7 to 16 <sup>2</sup>	7 to 17	7 to 17	Birth to 21	X	Yes			
Mississippi	6 to 17	6 to 17	6 to 16	6 to 16	6 to 17	6 to 17	6 to 17	Birth to 20		—	X	X	( <sup>10</sup> )
Missouri	7 to 16	7 to 16	7 to 16	7 to 16	7 to 17	7 to 17 <sup>2,3</sup>	7 to 17 <sup>2,3</sup>	Birth to 20		Yes <sup>18</sup>	X		
Montana	7 to 16 <sup>2</sup>	3 to 18 <sup>13</sup>		—	X	( <sup>9</sup> )							
Nebraska	7 to 16	7 to 16	7 to 16	6 to 18	6 to 18	6 to 18	6 to 18	Birth to 20		Yes	X		
Nevada	7 to 17	7 to 17	7 to 17	7 to 17	7 to 18 <sup>2</sup>	7 to 18	7 to 18	Birth to 21 <sup>4</sup>		Yes	X		X <sup>14</sup>
New Hampshire	6 to 16	6 to 16	6 to 16	6 to 16	6 to 18	6 to 18	6 to 18	3 to 21		—			
New Jersey	6 to 16	5 to 21		—		( <sup>19</sup> )	( <sup>19</sup> )						
New Mexico	5 to 18	5 to 18	5 to 18 <sup>2</sup>	5 to 18 <sup>2</sup>	5 to 18 <sup>2</sup>	5 to 18	5 to 18	3 to 21	X	Yes	X		X
New York	6 to 16 <sup>2</sup>	6 to 16	6 to 16	6 to 16	6 to 16 <sup>20</sup>	6 to 16 <sup>20</sup>	6 to 16 <sup>20</sup>	Birth to 20		—		( <sup>20</sup> )	( <sup>20</sup> )
North Carolina	7 to 16	5 to 20	X	Yes	X	X							
North Dakota	7 to 16	3 to 21		No	X								
Ohio	6 to 18	3 to 21	X	—	X		X						
Oklahoma	5 to 18	Birth to 21 <sup>13</sup>		Yes	X	X	X						
Oregon	7 to 18	7 to 18	7 to 18 <sup>2</sup>	7 to 18	7 to 18	7 to 18	6 to 18	3 to 20		Yes	X		
Pennsylvania	8 to 17	8 to 17	8 to 17 <sup>2</sup>	8 to 17 <sup>2</sup>	8 to 17 <sup>2</sup>	8 to 17	8 to 17	6 to 21	X <sup>18</sup>	— <sup>18</sup>			
Rhode Island	6 to 16	6 to 18 <sup>2</sup>	5 to 18 <sup>2</sup>	3 to 21		—	X	X	X				
South Carolina	5 to 16	5 to 16	5 to 16	5 to 17 <sup>3</sup>	5 to 17 <sup>3</sup>	5 to 17	5 to 17	3 to 21 <sup>21</sup>		—	X	X	X
South Dakota	6 to 16	6 to 16	6 to 16	6 to 16	6 to 18 <sup>2</sup>	6 to 18 <sup>2</sup>	6 to 18 <sup>2</sup>	Birth to 21	X	—	X		X <sup>22</sup>
Tennessee	6 to 17	6 to 17	6 to 17	6 to 17 <sup>3</sup>	6 to 17 <sup>3</sup>	6 to 18	6 to 18	3 to 21 <sup>4</sup>	X	Yes	X	X	X
Texas	6 to 18	3 to 21	X	Yes	X								
Utah	6 to 18	3 to 22		Yes	X								
Vermont	7 to 16	6 to 16	6 to 16	6 to 16 <sup>2</sup>	3 to 21		— <sup>18</sup>	X					
Virginia	5 to 18	5 to 18	5 to 18	5 to 18 <sup>2</sup>	5 to 18 <sup>2,3</sup>	5 to 18	5 to 18	2 to 21	X	Yes	X		X
Washington	8 to 17 <sup>2</sup>	8 to 17 <sup>2</sup>	8 to 18 <sup>2</sup>	8 to 18	8 to 18	8 to 18	8 to 18	3 to 21 <sup>21</sup>		Yes	X	X	
West Virginia	6 to 16	6 to 16	6 to 16	6 to 16	6 to 17	6 to 17	6 to 17	5 to 21 <sup>23</sup>	X	Yes	X	X	X
Wisconsin	6 to 18	3 to 21		Yes	X	X	X <sup>24</sup>						
Wyoming	6 to 16 <sup>2</sup>	6 to 16 <sup>2</sup>	7 to 16 <sup>2</sup>	3 to 21		—	X	( <sup>25</sup> )	( <sup>10</sup> )				

—Not available.  
X Denotes that the state has a policy. A blank denotes that the state does not have a policy.  
<sup>1</sup>Most states have a provision whereby education is provided up to a certain age or completion of secondary school, whichever comes first.  
<sup>2</sup>Child may be exempted from compulsory attendance if he/she meets state requirements for early withdrawal with or without meeting conditions for a diploma or equivalency.  
<sup>3</sup>Parent/guardian may delay child's entry until a later age per state law/regulation.  
<sup>4</sup>Student may continue in the program if 22nd birthday falls before the end of the school year.  
<sup>5</sup>Attendance is compulsory until age 18 for Manatee County students, unless they earn a high school diploma prior to reaching their 18th birthday.  
<sup>6</sup>Through age 21 or until child graduates with a high school or special education diploma or equivalent.  
<sup>7</sup>Some schools operate on a multitrack system; the schools are open year round, but different cohorts start and end at different times.  
<sup>8</sup>District must offer either a half-day or full-day program.  
<sup>9</sup>Children enrolled in preschool programs (who must be 4 years old on or before September 15) are considered to be of compulsory school attendance age.  
<sup>10</sup>Not specified in statute, rules, or regulations.  
<sup>11</sup>To be determined by rules and regulations adopted by the state board.  
<sup>12</sup>All districts adopted a policy to raise the upper compulsory school age from 16 to 18. The policy took effect for most districts in the 2015-16 school year.  
<sup>13</sup>Children from birth through age 2 are eligible for additional services.  
<sup>14</sup>Attendance is required unless the student otherwise satisfactorily passes an academic readiness screening upon enrollment in grade 1.  
<sup>15</sup>Must be age 5 before October 15 and not age 20 before start of school year.  
<sup>16</sup>Each school committee is permitted to establish its own minimum age for school attendance, provided that it is not older than the mandatory minimum age established by the state.  
<sup>17</sup>Policies about year-round schools are decided locally.  
<sup>18</sup>State did not participate in 2008 online survey. Data are from 2006.

<sup>19</sup>Abbott Districts are required to offer full-day kindergarten and students are required to attend.  
<sup>20</sup>Local boards of education can require school attendance until age 17 unless employed. In Syracuse, New York City, Rochester, Utica, Buffalo, Cohoes, Watervliet, and Yonkers, districts are required to offer full-day kindergarten and children are required to attend full-day kindergarten.  
<sup>21</sup>Student may complete school year if 21st birthday occurs while attending school.  
<sup>22</sup>All children must attend kindergarten before age 7.  
<sup>23</sup>Children with severe disabilities may begin receiving services at age 3.  
<sup>24</sup>Children must attend in districts that offer kindergarten.  
<sup>25</sup>School districts must establish and maintain relationships with a district that offers full-day kindergarten.  
NOTE: The Education of the Handicapped Act (EHA) Amendments of 1986 make it mandatory for all states receiving EHA funds to serve all 3- to 18-year-old disabled children. SOURCE: Council of Chief State School Officers, *Key State Education Policies on PK-12 Education*, 2000, 2002, 2004, 2006, and 2008; Education Commission of the States (ECS), *ECS StateNotes, Compulsory School Age Requirements*, retrieved August 9, 2010, from <http://www.ecs.org/clearinghouse/86/62/8662.pdf>; ECS StateNotes, *Special Education: State Special Education Definitions, Ages Served*, retrieved August 9, 2010, from <http://www.ecs.org/clearinghouse/52/29/5229.pdf>; ECS StateNotes, *Compulsory School Age Requirements*, retrieved May 19, 2015, from <http://www.ecs.org/clearinghouse/01/18/68/11868.pdf>; ECS StateNotes, *Age Requirements for Free and Compulsory Education*, retrieved July 2, 2018, from <https://www.ecs.org/age-requirements-free-and-compulsory-education/>; ECS StateNotes, *Does the state require the district to offer kindergarten and if so, full day or half day? What exemptions exist for districts?*, retrieved July 2, 2018, from <http://ecs.force.com/mbdata/MBQuest2RTanw?rep=KK3Q1805>; ECS StateNotes, *Does the state require children to attend kindergarten?*, retrieved July 2, 2018, from <http://ecs.force.com/mbdata/MBQuest2RTanw?rep=KK3Q1804>; and supplemental information retrieved from various state websites. (This table was prepared July 2018.)

**Table 234.20. Minimum amount of instructional time per year and policies on textbooks, by state: Selected years, 2000 through 2018**

State	Minimum amount of instructional time per year					Policies on textbooks, 2014				
	In days					In hours		Textbook selection level		Free textbooks provided to students
	2000	2006	2011	2014	2018	2018	State	Local education agency		
1	2	3	4	5	6	7	8	9	10	
Alabama	175	175	180	180 <sup>1</sup>	180 <sup>1</sup>	1,080	X		X	
Alaska	180	180	170 <sup>2</sup>	180 <sup>3</sup>	180 <sup>1</sup>	740 (K–3); 900 (4–12)		X	X	
Arizona	—	180	180 <sup>1</sup>	180 <sup>1</sup>	180	356 (K); 712 (1–3); 890 (4–6); 1,000 (7–8); 720 <sup>4</sup> (9–12)		X	X <sup>5</sup>	
Arkansas	178	178	178 <sup>2</sup>	178 <sup>3</sup>	178 <sup>3</sup>	†		X <sup>6</sup>	X	
California	175	180	180/175 <sup>7</sup>	180/175 <sup>7</sup>	180 <sup>8</sup>	600 (K); 840 (1–3); 900 (4–8); 1,080 (9–12)	X <sup>9</sup>		X	
Colorado	[10]	160	160	160	160	435/870 <sup>2</sup> (K); 968 <sup>2</sup> (1–5); 1,056 <sup>2</sup> (6–12)		X		
Connecticut	180	180	180	180	180	450/900 (K); 900 (1–12)		X	X	
Delaware	[10]	†	†	†	†	1,060 (K–11); 1,032 (12)		X	X	
District of Columbia	180 <sup>11</sup>	180	178	180	180	†			X	
Florida	180	180	180	180	180 <sup>1</sup>	720 (K–3); 900 (4–12)	X		X	
Georgia	180 <sup>11</sup>	180	180	180	180	†	X		X	
Hawaii	184	179	180 <sup>12</sup>	180 <sup>12</sup>	180 <sup>2,12</sup>	1,080 <sup>12</sup>	X		X <sup>13</sup>	
Idaho	180	†	†	†	†	450 <sup>3</sup> (K); 810 <sup>3</sup> (1–3); 900 <sup>3</sup> (4–8); 990 <sup>3</sup> (9–12)	X		X	
Illinois	180 <sup>14</sup>	176	176	180 <sup>3</sup>	180 <sup>3</sup>	†		X	[15]	
Indiana	180	180	180	180	180	†		X		
Iowa	180	180	180	180	180 <sup>1</sup>	1,080		X		
Kansas	186	186 (K–11); 181 (12)	186 (K–11); 181 (12)	186 (K–11); 181 (12)	186 (K–11); 181 (12) <sup>1</sup>	465 (K); 1,116 (1–11); 1,086 (12)		X		
Kentucky	175	175	175 <sup>2</sup>	170 <sup>2</sup>	170 <sup>2</sup>	1,062	X		X <sup>16</sup>	
Louisiana	175	177	177 <sup>2,17</sup>	177 <sup>2,17</sup>	177 <sup>1,17</sup>	1,062	X		X	
Maine	175	175	175 <sup>2</sup>	175 <sup>2</sup>	175 <sup>17</sup>	†		X	X	
Maryland	180	180	180	180	180	1,080; 1,170 (9–12)		X	X	
Massachusetts	180	180	180	180	180	425 (K); 900 (1–5); 990 (6–12)		X	X	
Michigan	180	†	165	175	180	1,098		X	X <sup>18</sup>	
Minnesota	[10]	[10]	†	†	165 (1–11)	425/850 (K); 935 (1–6); 1,020 (7–12)		X	X	
Mississippi	180	180	180	180	180	†	X		X	
Missouri	174	174	174/142 <sup>19</sup>	174/142 <sup>19</sup>	174/142 <sup>19</sup>	522 (K); 1,044 (1–12)		X	X	
Montana	180	90 (K); 180 (K–12)	†	†	†	360/720 <sup>3</sup> (K); 720 <sup>3</sup> (1–3); 1,080 <sup>3,17</sup> (4–12)		X	X	
Nebraska	[10]	†	†	†	†	400 (K); 1,032 (1–8); 1,080 (9–12)		X	X	
Nevada	180	180	180	180	180	†	X		X <sup>13</sup>	
New Hampshire	180	180	180	180	180 <sup>1,17</sup>	450 (K); 945 (Elementary); 990 (Middle); 990 <sup>17</sup> (High)		X	X	
New Jersey	180	180	180	180	180	†		X	X	
New Mexico	180	180	180	†	†	450/990 (K); 990 (1–6); 1,080 (7–12)	X		X	
New York	180 <sup>11</sup>	180	180	180	180	†		X	X	
North Carolina	180	180	180	185	185 <sup>1</sup>	1,025	X		X	
North Dakota	173	173	175 <sup>2</sup>	175 <sup>2</sup>	175 <sup>2</sup>	†		X	X <sup>18</sup>	
Ohio	182	182	182 <sup>3</sup>	†	†	455/910 (K); 910 (1–6); 1,001 (7–12)		X	X	
Oklahoma	180	180	180 <sup>3</sup>	180	180 <sup>1</sup>	1,080 <sup>3</sup>	X		X	
Oregon	[10]	†	†	†	†	450/900 (K); 900 (1–8); 990 (9–11); 966 (12)	X		X	
Pennsylvania	180	180	180	180	180 <sup>1</sup>	450 (K); 900 (1–8); 990 (9–12)		X	X	
Rhode Island	180	180	180	180	180 <sup>1</sup>	1,080		X	X <sup>18</sup>	
South Carolina	180	180	180 <sup>2</sup>	180 <sup>2</sup>	180 <sup>2</sup>	†	X		X	
South Dakota	—	†	†	†	†	437.5 (K); 875 (1–5); 962.5 <sup>17</sup> (6–12)		X	X	
Tennessee	180	180	180 <sup>2</sup>	180 <sup>2</sup>	180 <sup>2</sup>	†	X		X	
Texas	187	180	180	180	†	1,260	X		X	
Utah	180	180	180	180	180 <sup>3</sup>	450 (K); 810 (1); 990 (2–12)	X	[20]		

See notes at end of table.

**Table 234.20. Minimum amount of instructional time per year and policies on textbooks, by state: Selected years, 2000 through 2018—Continued**

State	Minimum amount of instructional time per year					Policies on textbooks, 2014			
	In days					In hours	Textbook selection level		Free textbooks provided to students
	2000	2006	2011	2014	2018	2018	State	Local education agency	
1	2	3	4	5	6	7	8	9	10
Vermont .....	175	175	175	175	175 <sup>2</sup>	†		X	X
Virginia .....	180	180	180	180	180 <sup>1</sup>	540 (K); 990 (1–12)	X		X
Washington .....	180 <sup>14</sup>	180	180	180	180	1,000 (K–8); 1,080 (9–12)		X	[ <sup>21</sup> ] X
West Virginia .....	180	180	180	180	180	†	X		X
Wisconsin .....	180	180	180	†	†	437 (K); 1,050 (1–6); 1,137 (7–12)			X
Wyoming .....	175	175	180	175	175	450 (K); 900 (Elementary); 1,050 (Middle/Jr. High); 1,100 (Secondary)		X	X

—Not available.

†Not applicable.

X Denotes that the state has a policy. A blank denotes that the state does not have a policy.

<sup>1</sup>Or an equivalent number of hours or minutes of instruction per year.

<sup>2</sup>Does not include time for in-service or staff development or parent-teacher conferences.

<sup>3</sup>Includes time for in-service or staff development or parent-teacher conferences.

<sup>4</sup>Students must enroll in at least four subjects in addition to meeting the hour requirement.

<sup>5</sup>Fees permitted at the high school level for nonrequired or supplementary textbooks.

<sup>6</sup>State Department of Education prepares a list of suggestions, but the districts choose.

<sup>7</sup>Through 2014–15, districts were allowed to shorten the 180-day instructional year to 175 days without fiscal penalty.

<sup>8</sup>Charter schools and select districts are required to have 175 days.

<sup>9</sup>Statewide textbook adoption is only at the elementary level. Adoption practices have been suspended until the 2015–16 school year.

<sup>10</sup>No statewide policy; varies by district.

<sup>11</sup>1996 data.

<sup>12</sup>Does not apply to charter and multitrack schools.

<sup>13</sup>Fees for lost or damaged books permitted.

<sup>14</sup>1998 data.

<sup>15</sup>Fees permitted, but if 5 percent or more of the voters in a district petition the school board, a majority of the district's voters may decide to furnish free textbooks to students.

<sup>16</sup>Fees permitted for students in grades 9–12, but students who qualify for free or reduced-price lunch are exempted.

<sup>17</sup>Instructional time for graduating seniors may be reduced.

<sup>18</sup>Refundable or security deposits permitted.

<sup>19</sup>174 days required for a 5-day week; 142 days required for a 4-day week.

<sup>20</sup>Local districts may select textbooks not on the state recommended list provided the textbooks meet specific criteria and the selection is based on recommendations by the district's curriculum materials review committee.

<sup>21</sup>A district may provide free textbooks to students when, in its judgment, the best interests of the district will be served.

NOTE: Minimum number of instructional days refers to the actual number of days that pupils have contact with a teacher. Some states allow for different types of school calendars by setting instructional time in both days and hours, while others use only days or only hours. For states in which the number of days or hours varies by grade, the relevant grade(s) appear in parentheses. For states that specify minimum hours both for part-day kindergarten and for full-day kindergarten, a slash separates the part-day hours from the full-day hours.

SOURCE: Council of Chief State School Officers, *Key State Education Policies on PK–12 Education, 2000 and 2006*; Education Commission of the States, *StateNotes, Number of Instructional Days/Hours in the School Year* (August 2011 and October 2014 revisions), retrieved September 22, 2011, from <http://www.ecs.org/clearinghouse/95/05/9505.pdf> and May 19, 2015, from <http://www.ecs.org/clearinghouse/01/15/05/11505.pdf>; *State Textbook Adoption* (September 2013 edition), retrieved May 19, 2015, from <http://www.ecs.org/clearinghouse/01/09/23/10923.pdf>; *Minimum number of days or hours per school year*, retrieved July 2, 2018, from <http://ecs.force.com/mbdata/mbquest2ci?rep=IT1801-2>; and supplemental information retrieved from various state websites. (This table was prepared July 2018.)

**Table 235.10. Revenues for public elementary and secondary schools, by source of funds: Selected years, 1919–20 through 2014–15**

[Standard errors appear in parentheses]

School year	Revenues (in thousands)							Revenues per pupil						
	Total	Federal	State	Local (including intermediate sources below the state level)				Total	Federal	State	Local (including intermediate sources below the state level)			
				Total	Property taxes	Other public revenue	Private <sup>1</sup>				Total	Property taxes	Other public revenue	Private <sup>1</sup>
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Current dollars														
1919–20 .....	\$970,121	\$2,475	\$160,085	\$807,561	—	—	—	\$45	#	\$7	\$37	—	—	—
1929–30 .....	2,088,557	7,334	353,670	1,727,553	—	—	—	81	#	14	67	—	—	—
1939–40 .....	2,260,527	39,810	684,354	1,536,363	—	—	—	89	\$2	27	60	—	—	—
1949–50 .....	5,437,044	155,848	2,165,689	3,115,507	—	—	—	217	6	86	124	—	—	—
1959–60 .....	14,746,618	651,639	5,768,047	8,326,932	—	—	—	419	19	164	237	—	—	—
1969–70 .....	40,266,922	3,219,557	16,062,776	20,984,589	—	—	—	884	71	353	461	—	—	—
1979–80 .....	96,881,164	9,503,537	45,348,814	42,028,813	—	—	—	2,326	228	1,089	1,009	—	—	—
1989–90 .....	208,547,573	12,700,784	98,238,633	97,608,157	\$74,867,627	\$17,084,494	\$5,656,036	5,144	313	2,423	2,408	\$1,847	\$421	\$140
1993–94 .....	260,159,468	18,341,483	117,474,209	124,343,776	97,762,990	19,661,128	6,919,657	5,986	422	2,703	2,861	2,249	452	159
1994–95 .....	273,149,449	18,582,157	127,729,576	126,837,717	97,978,129	21,560,162	7,299,425	6,192	421	2,896	2,875	2,221	489	165
1995–96 .....	287,702,844	19,104,019	136,670,754	131,928,071	101,785,858	22,522,345	7,619,869	6,416	426	3,048	2,942	2,270	502	170
1996–97 .....	305,065,192	20,081,287	146,435,584	138,548,321	106,545,881	24,288,693	7,713,747	6,688	440	3,211	3,038	2,336	533	169
1997–98 .....	325,925,708	22,201,965	157,645,372	146,078,370	111,184,150	26,676,244	8,217,972	7,066	481	3,418	3,167	2,410	578	178
1998–99 .....	347,377,993	24,521,817	169,298,232	153,557,944	119,483,487	25,348,879	8,725,578	7,464	527	3,638	3,300	2,567	545	187
1999–2000 .....	372,943,802	27,097,866	184,613,352	161,232,584	124,735,516	27,628,923	8,868,145	7,959	578	3,940	3,441	2,662	590	189
2000–01 .....	401,356,120	29,100,183	199,583,097	172,672,840	132,575,925	30,889,273	9,207,643	8,503	616	4,228	3,658	2,809	654	195
2001–02 .....	419,501,976	33,144,633	206,541,793	179,815,551	141,095,685	28,924,825	9,795,041	8,800	695	4,333	3,772	2,960	607	205
2002–03 .....	440,111,653	37,515,909	214,277,407	188,318,337	148,511,786	29,579,240	10,227,310	9,134	779	4,447	3,908	3,082	614	212
2003–04 .....	462,026,099	41,923,435	217,384,191	202,718,474	160,602,055	31,651,489	10,464,930	9,518	864	4,478	4,176	3,309	652	216
2004–05 .....	487,753,529	44,809,532	228,553,579	214,390,414	167,909,883	35,433,486	11,047,044	9,996	918	4,684	4,394	3,441	726	226
2005–06 .....	520,621,788	47,553,778	242,151,076	230,916,934	178,279,408	41,111,066	11,526,640	10,600	968	4,930	4,702	3,630	837	235
2006–07 .....	555,710,762	47,150,608	263,608,741	244,951,413	188,287,298	44,806,422	11,857,694	11,281	957	5,351	4,972	3,822	910	241
2007–08 .....	584,683,686	47,788,467	282,622,523	254,272,697	196,521,569	45,314,965	12,436,163	11,879	971	5,742	5,166	3,993	921	253
2008–09 .....	592,422,033	56,670,261	276,525,603	259,226,169	205,821,844	41,195,313	12,209,012	12,032	1,151	5,616	5,265	4,180	837	248
2009–10 .....	596,390,664	75,997,858	258,863,973	261,528,833	210,837,095	38,771,186	11,920,551	12,089	1,540	5,247	5,301	4,274	786	242
2010–11 .....	604,228,585	75,549,471	266,786,402	261,892,711	211,649,523	38,558,755	11,684,433	12,218	1,528	5,395	5,296	4,280	780	236
2011–12 .....	597,885,111	60,921,462	269,043,077	267,920,572	215,830,316	40,290,007	11,800,249	12,075	1,230	5,434	5,411	4,359	814	238
2012–13 .....	603,769,917	55,860,888	273,215,485	274,693,545	221,970,384	41,129,568	11,593,592	12,137	1,123	5,492	5,522	4,462	827	233
2013–14 <sup>2</sup> .....	623,649,738	54,505,981	288,637,122	280,506,635	227,019,185	41,943,022	11,544,428	12,469	1,090	5,771	5,608	4,539	839	231
2014–15 .....	647,679,130	55,002,853	301,529,692	291,146,585	235,870,943	43,978,246	11,297,396	12,884	1,094	5,998	5,792	4,692	875	225
Constant 2016–17 dollars <sup>3</sup>														
1919–20 .....	\$12,352,066	\$31,513	\$2,038,282	\$10,282,271	—	—	—	\$572	\$1	\$94	\$477	—	—	—
1929–30 .....	29,608,044	103,969	5,013,738	24,490,337	—	—	—	1,153	4	195	954	—	—	—
1939–40 .....	39,250,836	691,244	11,882,834	26,676,759	—	—	—	1,543	27	467	1,049	—	—	—
1949–50 .....	55,707,949	1,596,818	22,189,648	31,921,482	—	—	—	2,218	64	884	1,271	—	—	—
1959–60 .....	121,783,185	5,381,483	47,634,728	68,766,974	—	—	—	3,461	153	1,354	1,955	—	—	—
1969–70 .....	258,663,408	20,681,531	103,182,766	134,799,111	—	—	—	5,679	454	2,265	2,959	—	—	—
1979–80 .....	302,819,622	29,705,026	141,745,930	131,368,666	—	—	—	7,270	713	3,403	3,154	—	—	—
1989–90 .....	398,545,540	24,271,875	187,739,268	186,534,396	\$143,076,030	\$32,649,380	\$10,808,986	9,830	599	4,631	4,601	\$3,529	\$805	\$267
1993–94 .....	431,750,452	30,438,807	194,955,591	206,356,055	162,243,625	32,628,838	11,483,592	9,933	700	4,485	4,748	3,733	751	264
1994–95 .....	440,677,043	29,978,937	206,068,480	204,629,627	158,069,922	34,783,408	11,776,297	9,990	680	4,672	4,639	3,583	789	267
1995–96 .....	451,862,921	30,004,562	214,653,582	207,204,777	159,863,748	35,373,346	11,967,682	10,077	669	4,787	4,621	3,565	789	267
1996–97 .....	465,841,236	30,664,565	223,610,347	211,566,324	162,697,896	37,089,367	11,779,061	10,213	672	4,903	4,638	3,567	813	258
1997–98 .....	488,975,211	33,308,851	236,509,969	219,156,391	166,805,783	40,021,457	12,329,150	10,601	722	5,127	4,751	3,616	868	267
1998–99 .....	512,290,809	36,163,205	249,670,186	226,457,418	176,206,592	37,382,903	12,867,923	11,008	777	5,365	4,866	3,786	803	277
1999–2000 .....	534,561,888	38,840,937	264,616,978	231,103,973	178,790,618	39,602,130	12,711,224	11,408	829	5,647	4,932	3,816	845	271
2000–01 .....	556,230,271	40,329,778	276,597,652	239,303,342	183,733,943	42,808,737	12,760,661	11,784	854	5,860	5,070	3,892	907	270
2001–02 .....	571,263,982	45,135,270	281,261,815	244,866,898	192,139,460	39,388,875	13,338,564	11,983	947	5,900	5,137	4,030	826	280
2002–03 .....	586,441,745	49,989,350	285,521,221	250,931,174	197,889,582	39,413,865	13,627,727	12,171	1,037	5,926	5,208	4,107	818	283

See notes at end of table.

**Table 235.10. Revenues for public elementary and secondary schools, by source of funds: Selected years, 1919–20 through 2014–15—Continued**

[Standard errors appear in parentheses]

School year	Revenues (in thousands)							Revenues per pupil						
	Total	Federal	State	Local (including intermediate sources below the state level)				Total	Federal	State	Local (including intermediate sources below the state level)			
				Total	Property taxes	Other public revenue	Private <sup>1</sup>				Total	Property taxes	Other public revenue	Private <sup>1</sup>
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
2003–04 .....	602,462,251	54,666,364	283,459,677	264,336,210	209,418,203	41,272,187	13,645,821	12,412	1,126	5,840	5,446	4,314	850	281
2004–05 .....	617,429,623	56,722,773	289,317,745	271,389,105	212,551,075	44,853,974	13,984,056	12,653	1,162	5,929	5,562	4,356	919	287
2005–06 .....	634,859,696	57,988,309	295,285,295	281,586,092	217,398,529	50,131,899	14,055,664	12,926	1,181	6,012	5,733	4,426	1,021	286
2006–07 .....	660,565,650	56,047,272	313,348,042	291,170,336	223,814,491	53,260,770	14,095,076	13,409	1,138	6,361	5,911	4,543	1,081	286
2007–08 .....	670,173,189	54,775,855	323,946,164	291,451,169	225,255,962	51,940,691	14,254,516	13,616	1,113	6,582	5,921	4,576	1,055	290
2008–09 .....	669,692,072	64,061,804	312,593,040	293,037,228	232,667,338	46,568,447	13,801,442	13,602	1,301	6,349	5,952	4,726	946	280
2009–10 .....	667,717,595	85,087,024	289,823,500	292,807,071	236,052,720	43,408,130	13,346,221	13,535	1,725	5,875	5,935	4,785	880	271
2010–11 .....	663,176,449	82,919,993	292,813,785	287,442,671	232,297,813	42,320,504	12,824,354	13,410	1,677	5,921	5,812	4,697	856	259
2011–12 .....	637,533,933	64,961,476	286,884,701	285,687,757	230,143,129	42,961,843	12,582,784	12,876	1,312	5,794	5,770	4,648	868	254
2012–13 .....	633,270,484	58,590,285	286,564,960	288,115,239	232,815,992	43,139,184	12,160,062	12,730	1,178	5,761	5,792	4,680	867	244
2013–14 <sup>2</sup> .....	644,060,633	56,289,861	298,083,678	289,687,095	234,449,101	43,315,739	11,922,255	12,877	1,125	5,960	5,792	4,687	866	238
2014–15 .....	664,040,980	56,392,350	309,147,019	298,501,611	241,829,580	45,089,237	11,582,794	13,209	1,122	6,150	5,938	4,811	897	230
Percentage distribution														
1919–20 .....	100.0	0.3	16.5	83.2	—	—	—	100.0	0.3	16.5	83.2	—	—	—
1929–30 .....	100.0	0.4	16.9	82.7	—	—	—	100.0	0.4	16.9	82.7	—	—	—
1939–40 .....	100.0	1.8	30.3	68.0	—	—	—	100.0	1.8	30.3	68.0	—	—	—
1949–50 .....	100.0	2.9	39.8	57.3	—	—	—	100.0	2.9	39.8	57.3	—	—	—
1959–60 .....	100.0	4.4	39.1	56.5	—	—	—	100.0	4.4	39.1	56.5	—	—	—
1969–70 .....	100.0	8.0	39.9	52.1	—	—	—	100.0	8.0	39.9	52.1	—	—	—
1979–80 .....	100.0	9.8	46.8	43.4	—	—	—	100.0	9.8	46.8	43.4	—	—	—
1989–90 .....	100.0	6.1	47.1	46.8	35.9	8.2	2.7	100.0	6.1	47.1	46.8	35.9	8.2	2.7
1993–94 .....	100.0	7.1	45.2	47.8	37.6	7.6	2.7	100.0	7.1	45.2	47.8	37.6	7.6	2.7
1994–95 .....	100.0	6.8	46.8	46.4	35.9	7.9	2.7	100.0	6.8	46.8	46.4	35.9	7.9	2.7
1995–96 .....	100.0	6.6	47.5	45.9	35.4	7.8	2.6	100.0	6.6	47.5	45.9	35.4	7.8	2.6
1996–97 .....	100.0	6.6	48.0	45.4	34.9	8.0	2.5	100.0	6.6	48.0	45.4	34.9	8.0	2.5
1997–98 .....	100.0	6.8	48.4	44.8	34.1	8.2	2.5	100.0	6.8	48.4	44.8	34.1	8.2	2.5
1998–99 .....	100.0	7.1	48.7	44.2	34.4	7.3	2.5	100.0	7.1	48.7	44.2	34.4	7.3	2.5
1999–2000 .....	100.0	7.3	49.5	43.2	33.4	7.4	2.4	100.0	7.3	49.5	43.2	33.4	7.4	2.4
2000–01 .....	100.0	7.3	49.7	43.0	33.0	7.7	2.3	100.0	7.3	49.7	43.0	33.0	7.7	2.3
2001–02 .....	100.0	7.9	49.2	42.9	33.6	6.9	2.3	100.0	7.9	49.2	42.9	33.6	6.9	2.3
2002–03 .....	100.0	8.5	48.7	42.8	33.7	6.7	2.3	100.0	8.5	48.7	42.8	33.7	6.7	2.3
2003–04 .....	100.0	9.1	47.1	43.9	34.8	6.9	2.3	100.0	9.1	47.1	43.9	34.8	6.9	2.3
2004–05 .....	100.0	9.2	46.9	44.0	34.4	7.3	2.3	100.0	9.2	46.9	44.0	34.4	7.3	2.3
2005–06 .....	100.0	9.1	46.5	44.4	34.2	7.9	2.2	100.0	9.1	46.5	44.4	34.2	7.9	2.2
2006–07 .....	100.0	8.5	47.4	44.1	33.9	8.1	2.1	100.0	8.5	47.4	44.1	33.9	8.1	2.1
2007–08 .....	100.0	8.2	48.3	43.5	33.6	7.8	2.1	100.0	8.2	48.3	43.5	33.6	7.8	2.1
2008–09 .....	100.0	9.6	46.7	43.8	34.7	7.0	2.1	100.0	9.6	46.7	43.8	34.7	7.0	2.1
2009–10 .....	100.0	12.7	43.4	43.9	35.4	6.5	2.0	100.0	12.7	43.4	43.9	35.4	6.5	2.0
2010–11 .....	100.0	12.5	44.2	43.3	35.0	6.4	1.9	100.0	12.5	44.2	43.3	35.0	6.4	1.9
2011–12 .....	100.0	10.2	45.0	44.8	36.1	6.7	2.0	100.0	10.2	45.0	44.8	36.1	6.7	2.0
2012–13 .....	100.0	9.3	45.3	45.5	36.8	6.8	1.9	100.0	9.3	45.3	45.5	36.8	6.8	1.9
2013–14 <sup>2</sup> .....	100.0	8.7	46.3	45.0	36.4	6.7	1.9	100.0	8.7	46.3	45.0	36.4	6.7	1.9
2014–15 .....	100.0	8.5	46.6	45.0	36.4	6.8	1.7	100.0	8.5	46.6	45.0	36.4	6.8	1.7

—Not available.

#Rounds to zero.

<sup>1</sup>Includes revenues from gifts, and tuition and fees from patrons.

<sup>2</sup>Data have been revised from previously published figures.

<sup>3</sup>Constant dollars based on the Consumer Price Index, prepared by the Bureau of Labor Statistics, U.S. Department of Labor, adjusted to a school-year basis.

NOTE: Beginning in 1989–90, revenues for state education agencies were excluded and new survey collection procedures were initiated; data may not be entirely comparable with figures for earlier years. Detail may not sum to totals because of rounding. SOURCE: U.S. Department of Education, National Center for Education Statistics, *Biennial Survey of Education in the United States*, 1919–20 through 1949–50; *Statistics of State School Systems*, 1959–60 and 1969–70; *Revenues and Expenditures for Public Elementary and Secondary Education*, 1979–80; and Common Core of Data (CCD), “National Public Education Financial Survey,” 1989–90 through 2014–15. (This table was prepared October 2017.)

**Table 235.20. Revenues for public elementary and secondary schools, by source of funds and state or jurisdiction: 2014–15**

[In current dollars]

State or jurisdiction	Federal				State		Local (including intermediate sources below the state level)					
	Total (in thousands)	Amount (in thousands)	Per pupil	Percent of total	Amount (in thousands)	Percent of total	Amount (in thousands) <sup>1</sup>	Percent of total	Property taxes		Private <sup>2</sup>	
									Amount (in thousands)	Percent of total	Amount (in thousands)	Percent of total
1	2	3	4	5	6	7	8	9	10	11	12	13
<b>United States ...</b>	<b>\$647,679,130</b>	<b>\$55,002,853</b>	<b>\$1,094</b>	<b>8.5</b>	<b>\$301,529,692</b>	<b>46.6</b>	<b>\$291,146,585</b>	<b>45.0</b>	<b>\$235,870,943</b>	<b>36.4</b>	<b>\$11,297,396</b>	<b>1.7</b>
Alabama .....	7,435,758	835,012	1,122	11.2	4,129,101	55.5	2,471,644	33.2	1,139,422	15.3	321,075	4.3
Alaska .....	2,935,538	347,699	2,651	11.8	2,037,616	69.4	550,223	18.7	310,187	10.6	18,911	0.6
Arizona .....	9,860,167	1,277,021	1,158	13.0	4,345,427	44.1	4,237,720	43.0	3,054,362	31.0	239,246	2.4
Arkansas .....	5,283,244	608,559	1,240	11.5	2,720,257	51.5	1,954,428	37.0	1,697,032	32.1	151,216	2.9
California .....	74,395,627	7,148,875	1,133	9.6	42,525,283	57.2	24,721,469	33.2	19,770,000	26.6	382,733	0.5
Colorado .....	9,764,525	723,032	813	7.4	4,452,824	45.6	4,588,670	47.0	3,733,665	38.2	368,183	3.8
Connecticut .....	11,376,740	480,791	886	4.2	4,661,930	41.0	6,234,018	54.8	6,078,199	53.4	94,969	0.8
Delaware .....	2,077,887	181,122	1,351	8.7	1,199,264	57.7	557,501	33.6	568,393	27.4	14,993	0.7
District of Columbia ..	2,251,430	218,044	2,693	9.7	†	†	2,033,386	90.3	653,709	29.0	8,130	0.4
Florida .....	26,789,374	3,192,508	1,158	11.9	10,661,588	39.8	12,935,279	48.3	10,758,297	40.2	918,875	3.4
Georgia .....	18,772,155	1,888,388	1,083	10.1	8,485,440	45.2	8,398,327	44.7	5,480,154	29.2	440,485	2.3
Hawaii .....	2,699,827	259,391	1,422	9.6	2,381,547	88.2	58,888	2.2	0	0.0	27,995	1.0
Idaho .....	2,294,497	246,320	847	10.7	1,491,161	65.0	557,016	24.3	470,586	20.5	33,566	1.5
Illinois .....	27,304,004	2,264,000	1,105	8.3	6,787,531	24.9	18,252,473	66.8	16,041,766	58.8	460,786	1.7
Indiana .....	12,103,344	988,205	945	8.2	6,787,225	56.1	4,327,914	35.8	2,928,168	24.2	318,276	2.6
Iowa .....	6,463,514	475,848	942	7.4	3,460,804	53.5	2,526,863	39.1	2,048,526	31.7	143,272	2.2
Kansas .....	6,225,153	556,947	1,120	8.9	4,001,451	64.3	1,666,755	26.8	1,046,534	16.8	145,280	2.3
Kentucky .....	7,453,976	856,715	1,244	11.5	4,093,058	54.9	2,504,203	33.6	1,835,257	24.6	100,500	1.3
Louisiana .....	8,927,289	1,307,850	1,825	14.7	3,875,345	43.4	3,744,095	41.9	1,628,062	18.2	62,810	0.7
Maine .....	2,737,132	192,628	1,061	7.0	1,077,156	39.4	1,467,348	53.6	1,391,560	50.8	39,924	1.5
Maryland .....	14,521,045	821,418	939	5.7	6,316,683	43.5	7,382,943	50.8	3,596,601	24.8	105,622	0.7
Massachusetts .....	17,197,389	903,425	945	5.3	6,726,216	39.1	9,567,749	55.6	8,899,701	51.8	235,395	1.4
Michigan .....	19,452,849	1,785,600	1,161	9.2	11,706,291	60.2	5,960,957	30.6	5,111,145	26.3	269,563	1.4
Minnesota .....	12,183,690	699,165	816	5.7	8,131,825	66.7	3,352,701	27.5	2,166,287	17.8	325,251	2.7
Mississippi .....	4,550,410	672,385	1,370	14.8	2,324,855	51.1	1,553,170	34.1	1,301,458	28.6	107,670	2.4
Missouri .....	10,927,026	979,787	1,068	9.0	3,555,885	32.5	6,391,354	58.5	4,983,067	45.6	338,137	3.1
Montana .....	1,805,295	219,405	1,518	12.2	863,889	47.9	722,001	40.0	454,161	25.2	61,003	3.4
Nebraska .....	4,168,349	343,356	1,098	8.2	1,350,595	32.4	2,474,399	59.4	2,212,733	53.1	154,288	3.7
Nevada .....	4,522,125	416,393	907	9.2	1,621,778	35.9	2,483,954	54.9	1,107,439	24.5	35,287	0.8
New Hampshire .....	2,992,501	166,235	900	5.6	1,000,374	33.4	1,825,892	61.0	1,739,969	58.1	44,667	1.5
New Jersey .....	28,489,659	1,191,041	850	4.2	11,989,910	42.1	15,308,708	53.7	14,566,159	51.1	483,039	1.7
New Mexico .....	3,986,781	557,590	1,638	14.0	2,771,343	69.5	657,848	16.5	531,990	13.3	54,327	1.4
New York .....	62,517,215	2,831,810	1,033	4.5	25,938,520	41.5	33,746,884	54.0	30,612,206	49.0	311,948	0.5
North Carolina .....	13,681,971	1,662,823	1,074	12.2	8,543,954	62.4	3,475,194	25.4	2,952,875	21.6	174,405	1.3
North Dakota .....	1,578,414	158,647	1,488	10.1	926,792	58.7	492,974	31.2	342,859	21.7	64,279	4.1
Ohio .....	24,516,266	1,850,536	1,073	7.5	11,179,287	45.6	11,486,443	46.9	9,469,577	38.6	629,910	2.6
Oklahoma .....	6,261,170	717,590	1,042	11.5	3,090,488	49.4	2,453,092	39.2	1,804,710	28.8	278,404	4.4
Oregon .....	7,077,486	565,086	990	8.0	3,678,010	52.0	2,834,391	40.0	2,299,212	32.5	150,467	2.1
Pennsylvania .....	28,983,071	2,003,649	1,149	6.9	10,764,800	37.1	16,214,622	55.9	12,912,355	44.6	395,983	1.4
Rhode Island .....	2,444,422	199,039	1,402	8.1	990,389	40.5	1,254,995	51.3	1,214,871	49.7	24,218	1.0
South Carolina .....	8,891,519	855,168	1,130	9.6	4,198,817	47.2	3,837,534	43.2	2,912,911	32.8	243,901	2.7
South Dakota .....	1,420,613	211,164	1,587	14.9	431,422	30.4	778,027	54.8	661,774	46.6	41,662	2.9
Tennessee .....	9,428,987	1,127,603	1,133	12.0	4,258,683	45.2	4,042,701	42.9	1,905,845	20.2	422,338	4.5
Texas .....	56,127,791	6,085,723	1,163	10.8	22,787,667	40.6	27,254,401	48.6	25,015,180	44.6	1,004,740	1.8
Utah .....	5,127,846	450,732	709	8.8	2,798,042	54.6	1,879,073	36.6	1,413,388	27.6	223,942	4.4
Vermont .....	1,758,461	105,353	1,207	6.0	1,584,246	90.1	68,862	3.9	840	#	23,304	1.3
Virginia .....	15,624,013	1,012,211	791	6.5	6,240,351	39.9	8,371,451	53.6	5,072,009	32.5	238,246	1.5
Washington .....	13,606,501	1,036,795	966	7.6	8,301,015	61.0	4,268,691	31.4	3,651,021	26.8	311,135	2.3
West Virginia .....	3,525,371	362,449	1,293	10.3	2,027,143	57.5	1,135,779	32.2	1,043,479	29.6	24,039	0.7
Wisconsin .....	11,197,990	840,933	965	7.5	5,139,509	45.9	5,217,548	46.6	4,773,727	42.6	212,669	1.9
Wyoming .....	1,961,721	120,788	1,284	6.2	1,116,909	56.9	724,024	36.9	507,516	25.9	16,333	0.8
<b>Other jurisdictions</b>												
American Samoa.....	82,212	69,391	—	84.4	12,573	15.3	248	0.3	0	0.0	10	#
Guam .....	316,585	64,901	2,084	20.5	0	0.0	251,684	79.5	0	0.0	232	0.1
Northern Marianas .....	65,034	31,420	—	48.3	33,614	51.7	0	0.0	0	0.0	0	0.0
Puerto Rico .....	3,098,730	1,065,537	2,593	34.4	2,033,132	65.6	61	#	0	0.0	61	#
U.S. Virgin Islands ..	190,235	31,330	2,200	16.5	0	0.0	158,905	83.5	0	0.0	23	#

—Not available.

†Not applicable.

#Rounds to zero.

<sup>1</sup>Includes other categories of revenue not separately shown.

<sup>2</sup>Includes revenues from gifts, and tuition and fees from patrons.

NOTE: Excludes revenues for state education agencies. Detail may not sum to totals because of rounding.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Common Core of Data (CCD), "National Public Education Financial Survey," 2014–15. (This table was prepared October 2017.)

**Table 235.40. Public elementary and secondary revenues and expenditures, by locale, source of revenue, and purpose of expenditure: 2014–15**

Source of revenue and purpose of expenditure	Total	City, large <sup>1</sup>	City, midsize <sup>2</sup>	City, small <sup>3</sup>	Suburban, large <sup>4</sup>	Suburban, midsize <sup>5</sup>	Suburban, small <sup>6</sup>	Town, fringe <sup>7</sup>	Town, distant <sup>8</sup>	Town, remote <sup>9</sup>	Rural, fringe <sup>10</sup>	Rural, distant <sup>11</sup>	Rural, remote <sup>12</sup>
1	2	3	4	5	6	7	8	9	10	11	12	13	14
<b>Revenue amounts (in millions of current dollars)</b>													
Total revenue <sup>13</sup> .....	\$655,457	\$119,669	\$45,238	\$48,336	\$246,436	\$23,009	\$12,075	\$16,130	\$32,471	\$19,602	\$44,307	\$33,660	\$14,284
Federal .....	54,709	12,773	4,854	4,465	15,274	1,729	920	1,296	3,154	2,183	3,543	2,892	1,598
Title I .....	13,630	3,736	1,278	1,121	3,358	414	209	288	821	524	803	724	355
Child Nutrition Act .....	15,364	3,477	1,301	1,198	4,533	526	255	357	944	534	1,034	858	346
Children with disabilities (IDEA) .....	10,983	1,939	926	922	3,929	395	226	265	566	352	774	496	189
Impact aid .....	1,407	156	85	84	159	27	24	59	51	197	127	115	323
Bilingual education .....	344	93	34	31	128	9	6	6	11	7	12	4	2
Indian education .....	99	13	3	3	6	2	3	2	10	14	6	10	28
Math, science, and professional development .....	1,436	316	135	122	354	48	26	33	100	69	95	90	48
Safe and drug-free schools .....	110	20	12	8	18	2	1	3	10	7	15	8	6
Vocational and technical education .....	543	114	43	45	165	17	11	12	34	25	43	23	11
Other and unclassified .....	10,794	2,909	1,037	931	2,624	288	159	272	607	455	634	565	290
State .....	306,392	53,670	22,852	23,672	105,327	11,580	6,001	8,457	17,404	10,085	22,017	18,166	7,114
Special education programs .....	19,291	3,939	1,563	1,346	7,461	662	301	450	855	466	1,180	779	287
Compensatory and basic skills .....	4,825	898	379	445	1,607	243	68	96	270	115	332	263	105
Bilingual education .....	1,034	106	44	64	655	60	9	5	30	11	36	9	4
Gifted and talented .....	1,076	33	68	61	681	40	8	11	38	8	93	28	8
Vocational education .....	1,130	45	72	77	433	53	27	22	95	55	132	88	33
Other .....	279,036	48,650	20,725	21,679	94,490	10,521	5,588	7,874	16,116	9,430	20,244	16,999	6,677
Local <sup>13</sup> .....	294,356	53,226	17,533	20,199	125,835	9,700	5,154	6,377	11,913	7,334	18,748	12,603	5,572
Property tax <sup>14</sup> .....	187,697	25,506	10,295	13,372	86,389	5,537	3,639	4,534	8,366	5,398	11,851	8,762	4,049
Parent government contribution <sup>14</sup> .....	51,558	17,045	3,258	2,593	20,396	2,374	502	474	778	176	2,679	944	295
Private (fees from individuals) .....	14,237	1,475	832	932	6,108	578	262	417	753	434	1,161	846	356
Other <sup>13</sup> .....	40,863	9,199	3,148	3,302	12,943	1,212	751	952	2,016	1,326	3,057	2,051	872
<b>Percentage distribution of revenue</b>													
Total revenue .....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Federal .....	8.3	10.7	10.7	9.2	6.2	7.5	7.6	8.0	9.7	11.1	8.0	8.6	11.2
State .....	46.7	44.8	50.5	49.0	42.7	50.3	49.7	52.4	53.6	51.4	49.7	54.0	49.8
Local .....	44.9	44.5	38.8	41.8	51.1	42.2	42.7	39.5	36.7	37.4	42.3	37.4	39.0
<b>Expenditure amounts (in millions of current dollars)</b>													
Total expenditures .....	\$666,091	\$124,017	\$46,261	\$49,582	\$248,579	\$23,097	\$12,323	\$16,419	\$32,888	\$19,657	\$44,689	\$33,731	\$14,530
Current expenditures for schools .....	566,589	101,468	39,221	41,908	213,828	20,210	10,771	14,049	28,276	16,768	38,501	29,214	12,138
Instruction .....	342,733	63,071	22,955	25,089	130,687	12,145	6,447	8,424	16,861	9,890	22,947	17,230	6,962
Support services, students .....	32,209	4,645	2,508	2,620	13,258	1,199	681	772	1,503	953	2,163	1,368	526
Support services, instructional staff .....	26,724	4,813	2,307	2,223	9,889	1,010	475	589	1,320	783	1,629	1,158	504
Administration .....	42,809	6,871	2,994	3,071	15,628	1,450	821	1,149	2,371	1,441	3,087	2,694	1,220
Operation and maintenance .....	53,005	9,750	3,540	3,867	19,789	1,904	995	1,314	2,630	1,624	3,606	2,745	1,238
Transportation .....	24,454	3,982	1,475	1,507	9,178	872	487	657	1,244	667	2,031	1,677	647
Food service .....	22,647	4,071	1,663	1,715	7,466	835	425	590	1,374	821	1,669	1,421	597
Other .....	22,009	4,264	1,779	1,816	7,933	796	440	553	972	589	1,369	922	443
Other current expenditures .....	28,961	7,695	2,156	1,934	9,874	794	386	634	1,076	689	1,695	1,227	730
Interest on school debt .....	17,492	3,925	1,113	1,255	6,767	543	293	450	722	351	1,170	697	201
Capital outlay .....	53,050	10,928	3,771	4,485	18,110	1,549	873	1,285	2,814	1,849	3,323	2,592	1,461
<b>Percentage distribution of current expenditures for schools</b>													
All current expenditures for schools .....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Instruction .....	60.5	62.2	58.5	59.9	61.1	60.1	59.9	60.0	59.6	59.0	59.6	59.0	57.4
Support services .....	10.4	9.3	12.3	11.6	10.8	10.9	10.7	9.7	10.0	10.4	9.8	8.6	8.5
Administration .....	7.6	6.8	7.6	7.3	7.3	7.2	7.6	8.2	8.4	8.6	8.0	9.2	10.1
Operation and maintenance .....	9.4	9.6	9.0	9.2	9.3	9.4	9.2	9.4	9.3	9.7	9.4	9.4	10.2
Transportation .....	4.3	3.9	3.8	3.6	4.3	4.3	4.5	4.7	4.4	4.0	5.3	5.7	5.3
Food service and other .....	7.9	8.2	8.8	8.4	7.2	8.1	8.0	8.1	8.3	8.4	7.9	8.0	8.6
<b>Per student amounts (in current dollars)</b>													
Current expenditure per student .....	\$11,318	\$12,087	\$10,920	\$11,101	\$11,554	\$10,712	\$11,000	\$10,672	\$10,377	\$10,229	\$10,836	\$10,737	\$12,502
Instruction expenditure per student .....	6,847	7,513	6,391	6,646	7,062	6,437	6,584	6,399	6,188	6,033	6,459	6,332	7,171

<sup>1</sup>Located inside an urbanized area and inside a principal city with a population of at least 250,000.

<sup>2</sup>Located inside an urbanized area and inside a principal city with a population of at least 100,000, but less than 250,000.

<sup>3</sup>Located inside an urbanized area and inside a principal city with a population less than 100,000.

<sup>4</sup>Located inside an urbanized area and outside a principal city with a population of 250,000 or more.

<sup>5</sup>Located inside an urbanized area and outside a principal city with a population of at least 100,000, but less than 250,000.

<sup>6</sup>Located inside an urbanized area and outside a principal city with a population less than 100,000.

<sup>7</sup>Located inside an urban cluster that is 10 miles or less from an urbanized area.

<sup>8</sup>Located inside an urban cluster that is more than 10 but less than or equal to 35 miles from an urbanized area.

<sup>9</sup>Located inside an urban cluster that is more than 35 miles from an urbanized area.

<sup>10</sup>Located outside any urbanized area or urban cluster, but 5 miles or less from an urbanized area or 2.5 miles or less from an urban cluster.

<sup>11</sup>Located outside any urbanized area or urban cluster and more than 5 miles but less than or equal to 25 miles from an urbanized area, or more than 2.5 miles but less than or equal to 10 miles from an urban cluster.

<sup>12</sup>Located outside any urbanized area or urban cluster, more than 25 miles from an urbanized area, and more than 10 miles from an urban cluster.

<sup>13</sup>Excludes revenues from other in-state school systems.

<sup>14</sup>Property tax and parent government contributions are determined on the basis of independence or dependence of the local school system and are mutually exclusive.

NOTE: Total includes data for some school districts not identified by locale. Detail may not sum to totals because of rounding.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Common Core of Data (CCD), "Local Education Agency (School District) Finance Survey (F33)," 2014–15. (This table was prepared May 2018.)

**Table 236.10. Summary of expenditures for public elementary and secondary education and other related programs, by purpose: Selected years, 1919–20 through 2014–15**

School year	Total expenditures	Current expenditures for public elementary and secondary education							Current expenditures for other programs <sup>1</sup>	Capital outlay <sup>2</sup>	Interest on school debt
		Total	Admin-istration	Instruction	Plant operation	Plant main-tenance	Fixed charges	Other school services <sup>3</sup>			
1	2	3	4	5	6	7	8	9	10	11	12
Amounts in thousands of current dollars											
1919–20	\$1,036,151	\$861,120	\$36,752	\$632,556	\$115,707	\$30,432	\$9,286	\$36,387	\$3,277	\$153,543	\$18,212
1929–30	2,316,790	1,843,552	78,680	1,317,727	216,072	78,810	50,270	101,993	9,825	370,878	92,536
1939–40	2,344,049	1,941,799	91,571	1,403,285	194,365	73,321	50,116	129,141	13,367	257,974	130,909
1949–50	5,837,643	4,687,274	220,050	3,112,340	427,587	214,164	261,469	451,663	35,614	1,014,176	100,578
1959–60	15,613,254	12,329,388	528,408	8,350,738	1,085,036	422,586	909,323	1,033,297	132,566	2,661,786	489,514
1969–70	40,683,429	34,217,773	1,606,646	23,270,158	2,537,257	974,941	3,266,920	2,561,856	635,803	4,659,072	1,170,782
1979–80	95,961,561	86,984,142	4,263,757	53,257,937	9,744,785	( <sup>4</sup> )	11,793,934	7,923,729	597,585	6,506,167	1,873,666
1989–90	212,769,564	188,229,359	16,346,991 <sup>5</sup>	113,550,405 <sup>5</sup>	20,261,415 <sup>5</sup>	( <sup>4</sup> )	—	38,070,548 <sup>5</sup>	2,982,543	17,781,342	3,776,321
1999–2000	381,838,155	323,888,508	25,079,298 <sup>5</sup>	199,968,138 <sup>5</sup>	31,190,295 <sup>5</sup>	( <sup>4</sup> )	—	67,650,776 <sup>5</sup>	5,457,015	43,357,186	9,135,445
2000–01	410,811,185	348,360,841	26,689,182 <sup>5</sup>	214,333,003 <sup>5</sup>	34,034,158 <sup>5</sup>	( <sup>4</sup> )	—	73,304,498 <sup>5</sup>	6,063,700	46,220,704	10,165,940
2004–05	499,568,736	425,047,565	32,666,223 <sup>5</sup>	260,046,266 <sup>5</sup>	40,926,881 <sup>5</sup>	( <sup>4</sup> )	—	91,408,195 <sup>5</sup>	7,691,468	53,528,382	13,301,322
2005–06	528,268,772	449,131,342	34,197,083 <sup>5</sup>	273,760,798 <sup>5</sup>	44,313,835 <sup>5</sup>	( <sup>4</sup> )	—	96,859,626 <sup>5</sup>	7,415,575	57,375,299	14,346,556
2006–07	562,194,807	476,814,206	36,213,814 <sup>5</sup>	290,678,482 <sup>5</sup>	46,828,916 <sup>5</sup>	( <sup>4</sup> )	—	103,092,995 <sup>5</sup>	7,804,253	62,863,465	14,712,882
2007–08	597,313,726	506,884,219	38,203,341 <sup>5</sup>	308,238,664 <sup>5</sup>	49,362,661 <sup>5</sup>	( <sup>4</sup> )	—	111,079,554 <sup>5</sup>	8,307,720	66,426,299	15,695,488
2008–09	610,326,007	518,922,842	38,811,325 <sup>5</sup>	316,075,710 <sup>5</sup>	50,559,027 <sup>5</sup>	( <sup>4</sup> )	—	113,476,779 <sup>5</sup>	8,463,793	65,890,367	17,049,004
2009–10	607,018,292	524,715,242	38,972,700 <sup>5</sup>	321,213,401 <sup>5</sup>	50,023,919 <sup>5</sup>	( <sup>4</sup> )	—	114,505,223 <sup>5</sup>	8,355,761	56,714,992	17,232,297
2010–11	604,355,852	527,291,339	39,154,833 <sup>5</sup>	322,536,983 <sup>5</sup>	50,214,700 <sup>5</sup>	( <sup>4</sup> )	—	115,384,813 <sup>5</sup>	8,161,474	50,968,815	17,934,666
2011–12	601,993,584	527,207,246	39,491,926 <sup>5</sup>	320,994,474 <sup>5</sup>	49,834,165 <sup>5</sup>	( <sup>4</sup> )	—	116,886,681 <sup>5</sup>	8,188,640	48,793,436	17,804,262
2012–13	606,813,352	535,795,823	40,349,598 <sup>5</sup>	325,682,380 <sup>5</sup>	50,674,499 <sup>5</sup>	( <sup>4</sup> )	—	119,089,346 <sup>5</sup>	8,031,416	45,720,570	17,265,542
2013–14 <sup>6</sup>	625,018,277	553,501,209	41,538,042 <sup>5</sup>	336,426,927 <sup>5</sup>	53,051,141 <sup>5</sup>	( <sup>4</sup> )	—	122,485,100 <sup>5</sup>	7,926,285	46,438,323	17,152,459
2014–15	651,135,383	575,331,825	43,328,198 <sup>5</sup>	349,453,258 <sup>5</sup>	54,200,172 <sup>5</sup>	( <sup>4</sup> )	—	128,350,197 <sup>5</sup>	7,713,966	50,610,125	17,479,466
Amounts in thousands of constant 2016–17 dollars <sup>7</sup>											
1919–20	\$13,192,793	\$10,964,211	\$467,945	\$8,054,020	\$1,473,239	\$387,475	\$118,234	\$463,298	\$41,724	\$1,954,986	\$231,884
1929–30	32,843,547	26,134,776	1,115,393	18,680,514	3,063,105	1,117,235	712,643	1,445,885	139,282	5,257,684	1,311,820
1939–40	40,701,077	33,716,578	1,590,000	24,366,048	3,374,872	1,273,115	870,193	2,242,350	232,099	4,479,352	2,273,049
1949–50	59,812,486	48,025,796	2,254,632	31,889,033	4,381,056	2,194,324	2,679,011	4,627,739	364,901	10,391,247	1,030,522
1959–60	128,940,195	101,820,780	4,363,794	68,963,573	8,960,640	3,489,876	7,509,536	8,533,360	1,094,780	21,982,042	4,042,593
1969–70	261,338,932	219,805,404	10,320,643	149,480,965	16,298,627	6,262,747	20,985,777	16,456,644	4,084,220	29,928,571	7,520,775
1979–80	299,945,237	271,884,688	13,327,145	166,467,327	30,459,090	( <sup>4</sup> )	36,864,076	24,767,050	1,867,860	20,336,203	5,856,482
1989–90	406,613,990	359,716,348	31,239,972 <sup>5</sup>	217,000,883 <sup>5</sup>	38,720,645 <sup>5</sup>	( <sup>4</sup> )	—	72,754,849 <sup>5</sup>	5,699,799	33,981,093	7,216,751
1999–2000	547,310,678	464,248,102	35,947,606 <sup>5</sup>	286,625,880 <sup>5</sup>	44,706,850 <sup>5</sup>	( <sup>4</sup> )	—	96,967,764 <sup>5</sup>	7,821,555	62,146,359	13,094,361
2000–01	569,333,830	482,785,328	36,987,927 <sup>5</sup>	297,039,209 <sup>5</sup>	47,167,162 <sup>5</sup>	( <sup>4</sup> )	—	101,591,028 <sup>5</sup>	8,403,543	64,056,217	14,088,763
2004–05	632,386,074	538,052,407	41,350,995 <sup>5</sup>	329,183,204 <sup>5</sup>	51,807,865 <sup>5</sup>	( <sup>4</sup> )	—	115,710,343 <sup>5</sup>	9,736,352	67,759,651	16,837,664
2005–06	644,184,626	547,682,394	41,700,809 <sup>5</sup>	333,831,010 <sup>5</sup>	54,037,438 <sup>5</sup>	( <sup>4</sup> )	—	118,113,137 <sup>5</sup>	9,042,744	69,964,926	17,494,562
2006–07	668,273,144	566,782,412	43,046,857 <sup>5</sup>	345,525,466 <sup>5</sup>	55,664,880 <sup>5</sup>	( <sup>4</sup> )	—	122,545,208 <sup>5</sup>	9,276,807	74,724,926	17,488,999
2007–08	684,649,930	580,998,276	43,789,241 <sup>5</sup>	353,307,768 <sup>5</sup>	56,580,220 <sup>5</sup>	( <sup>4</sup> )	—	127,321,047 <sup>5</sup>	9,522,433	76,138,817	17,990,403
2008–09	689,931,274	586,606,327	43,873,515 <sup>5</sup>	357,301,696 <sup>5</sup>	57,153,478 <sup>5</sup>	( <sup>4</sup> )	—	128,277,638 <sup>5</sup>	9,567,732	74,484,496	19,272,719
2009–10	679,616,262	587,469,960	43,633,744 <sup>5</sup>	359,629,773 <sup>5</sup>	56,006,662 <sup>5</sup>	( <sup>4</sup> )	—	128,199,781 <sup>5</sup>	9,355,091	63,497,972	19,293,240
2010–11	663,316,131	578,733,291	42,974,735 <sup>5</sup>	354,003,330 <sup>5</sup>	55,113,600 <sup>5</sup>	( <sup>4</sup> )	—	126,641,626 <sup>5</sup>	8,957,698	55,941,275	19,683,867
2011–12	641,914,860	562,169,057	42,110,838 <sup>5</sup>	342,281,261 <sup>5</sup>	53,138,923 <sup>5</sup>	( <sup>4</sup> )	—	124,638,035 <sup>5</sup>	8,731,670	52,029,179	18,984,954
2012–13	636,462,623	561,975,134	42,321,104 <sup>5</sup>	341,595,420 <sup>5</sup>	53,150,486 <sup>5</sup>	( <sup>4</sup> )	—	124,908,124 <sup>5</sup>	8,423,836	47,954,505	18,109,147
2013–14 <sup>6</sup>	645,473,962	571,616,274	42,897,505 <sup>5</sup>	347,437,554 <sup>5</sup>	54,787,406 <sup>5</sup>	( <sup>4</sup> )	—	126,493,810 <sup>5</sup>	8,185,698	47,958,163	17,713,827
2014–15	667,584,545	589,866,017	44,422,767 <sup>5</sup>	358,281,243 <sup>5</sup>	55,569,391 <sup>5</sup>	( <sup>4</sup> )	—	131,592,615 <sup>5</sup>	7,908,839	51,888,652	17,921,038
Percentage distribution											
1919–20	100.0	83.1	3.5	61.0	11.2	2.9	0.9	3.5	0.3	14.8	1.8
1929–30	100.0	79.6	3.4	56.9	9.3	3.4	2.2	4.4	0.4	16.0	4.0
1939–40	100.0	82.8	3.9	59.9	8.3	3.1	2.1	5.5	0.6	11.0	5.6
1949–50	100.0	80.3	3.8	53.3	7.3	3.7	4.5	7.7	0.6	17.4	1.7
1959–60	100.0	79.0	3.4	53.5	6.9	2.7	5.8	6.6	0.8	17.0	3.1
1969–70	100.0	84.1	3.9	57.2	6.2	2.4	8.0	6.3	1.6	11.5	2.9
1979–80	100.0	90.6	4.4	55.5	10.2	( <sup>4</sup> )	12.3	8.3	0.6	6.8	2.0
1989–90	100.0	88.5	7.7 <sup>5</sup>	53.4 <sup>5</sup>	9.5 <sup>5</sup>	( <sup>4</sup> )	—	17.9 <sup>5</sup>	1.4	8.4	1.8
1999–2000	100.0	84.8	6.6 <sup>5</sup>	52.4 <sup>5</sup>	8.2 <sup>5</sup>	( <sup>4</sup> )	—	17.7 <sup>5</sup>	1.4	11.4	2.4
2000–01	100.0	84.8	6.5 <sup>5</sup>	52.2 <sup>5</sup>	8.3 <sup>5</sup>	( <sup>4</sup> )	—	17.8 <sup>5</sup>	1.5	11.3	2.5
2004–05	100.0	85.1	6.5 <sup>5</sup>	52.1 <sup>5</sup>	8.2 <sup>5</sup>	( <sup>4</sup> )	—	18.3 <sup>5</sup>	1.5	10.7	2.7
2005–06	100.0	85.0	6.5 <sup>5</sup>	51.8 <sup>5</sup>	8.4 <sup>5</sup>	( <sup>4</sup> )	—	18.3 <sup>5</sup>	1.4	10.9	2.7
2006–07	100.0	84.8	6.4 <sup>5</sup>	51.7 <sup>5</sup>	8.3 <sup>5</sup>	( <sup>4</sup> )	—	18.3 <sup>5</sup>	1.4	11.2	2.6
2007–08	100.0	84.9	6.4 <sup>5</sup>	51.6 <sup>5</sup>	8.3 <sup>5</sup>	( <sup>4</sup> )	—	18.6 <sup>5</sup>	1.4	11.1	2.6
2008–09	100.0	85.0	6.4 <sup>5</sup>	51.8 <sup>5</sup>	8.3 <sup>5</sup>	( <sup>4</sup> )	—	18.6 <sup>5</sup>	1.4	10.8	2.8
2009–10	100.0	86.4	6.4 <sup>5</sup>	52.9 <sup>5</sup>	8.2 <sup>5</sup>	( <sup>4</sup> )	—	18.9 <sup>5</sup>	1.4	9.3	2.8
2010–11	100.0	87.2	6.5 <sup>5</sup>	53.4 <sup>5</sup>	8.3 <sup>5</sup>	( <sup>4</sup> )	—	19.1 <sup>5</sup>	1.4	8.4	3.0
2011–12	100.0	87.6	6.6 <sup>5</sup>	53.3 <sup>5</sup>	8.3 <sup>5</sup>	( <sup>4</sup> )	—	19.4 <sup>5</sup>	1.4	8.1	3.0
2012–13	100.0	88.3	6.6 <sup>5</sup>	53.7 <sup>5</sup>	8.4 <sup>5</sup>	( <sup>4</sup> )	—	19.6 <sup>5</sup>	1.3	7.5	2.8
2013–14 <sup>6</sup>	100.0	88.6	6.6 <sup>5</sup>	53.8 <sup>5</sup>	8.5 <sup>5</sup>	( <sup>4</sup> )	—	19.6 <sup>5</sup>	1.3	7.4	2.7
2014–15	100.0	88.4	6.7 <sup>5</sup>	53.7 <sup>5</sup>	8.3 <sup>5</sup>	( <sup>4</sup> )	—	19.7 <sup>5</sup>	1.2	7.8	2.7

—Not available.

<sup>1</sup>Includes expenditures for summer schools, adult education, community colleges, and community services.

<sup>2</sup>Prior to 1969–70, excludes capital outlay by state and local school housing authorities.

<sup>3</sup>Prior to 1959–60, items included under "other school services" were listed under "auxiliary services," a more comprehensive classification that also included community services.

<sup>4</sup>Plant operation also includes plant maintenance.

<sup>5</sup>Data not comparable to figures prior to 1989–90.

<sup>6</sup>Data have been revised from previously published figures.

**Table 236.15. Current expenditures and current expenditures per pupil in public elementary and secondary schools: 1989–90 through 2027–28**

School year	Current expenditures in unadjusted dollars <sup>1</sup>			Current expenditures in constant 2016–17 dollars <sup>2</sup>					
	Total, in billions	Per pupil in fall enrollment	Per pupil in average daily attendance (ADA)	Total current expenditures		Per pupil in fall enrollment		Per pupil in average daily attendance (ADA)	
				In billions	Annual percentage change	Per pupil enrolled	Annual percentage change	Per pupil in ADA	Annual percentage change
1	2	3	4	5	6	7	8	9	10
1989–90	\$188.2	\$4,643	\$4,980	\$359.7	3.8	\$8,873	2.9	\$9,516	2.3
1990–91	202.0	4,902	5,258	366.1	1.8	8,882	0.1	9,527	0.1
1991–92	211.2	5,023	5,421	370.8	1.3	8,819	-0.7	9,518	-0.1
1992–93	220.9	5,160	5,584	376.2	1.4	8,784	-0.4	9,506	-0.1
1993–94	231.5	5,327	5,767	384.3	2.1	8,841	0.6	9,571	0.7
1994–95	243.9	5,529	5,989	393.5	2.4	8,919	0.9	9,662	0.9
1995–96	255.1	5,689	6,147	400.7	1.8	8,935	0.2	9,654	-0.1
1996–97	270.2	5,923	6,393	412.6	3.0	9,045	1.2	9,762	1.1
1997–98	285.5	6,189	6,676	428.3	3.8	9,285	2.7	10,015	2.6
1998–99	302.9	6,508	7,013	446.7	4.3	9,598	3.4	10,343	3.3
1999–2000	323.9	6,912	7,394	464.2	3.9	9,908	3.2	10,598	2.5
2000–01	348.4	7,380	7,904	482.8	4.0	10,228	3.2	10,953	3.4
2001–02	368.4	7,727	8,259	501.6	3.9	10,523	2.9	11,246	2.7
2002–03	387.6	8,044	8,610	516.5	3.0	10,719	1.9	11,473	2.0
2003–04	403.4	8,310	8,900	526.0	1.8	10,836	1.1	11,605	1.2
2004–05	425.0	8,711	9,316	538.1	2.3	11,027	1.8	11,793	1.6
2005–06	449.1	9,145	9,778	547.7	1.8	11,151	1.1	11,924	1.1
2006–07	476.8	9,679	10,336	566.8	3.5	11,505	3.2	12,286	3.0
2007–08	506.9	10,298	10,982	581.0	2.5	11,804	2.6	12,588	2.5
2008–09	518.9	10,540	11,239	586.6	1.0	11,914	0.9	12,704	0.9
2009–10	524.7	10,636	11,427	587.5	0.1	11,908	-0.1	12,794	0.7
2010–11	527.3	10,663	11,433	578.7	-1.5	11,703	-1.7	12,549	-1.9
2011–12	527.2	10,648	11,362	562.2	-2.9	11,354	-3.0	12,116	-3.5
2012–13	535.8	10,771	11,509	562.0	#	11,297	-0.5	12,072	-0.4
2013–14	553.5	11,066	11,819	571.6	1.7	11,429	1.2	12,206	1.1
2014–15	575.3	11,445	12,224	589.9	3.2	11,734	2.7	12,533	2.7
2015–16 <sup>3</sup>	598.5	11,870	12,690	609.5	3.3	12,080	3.0	12,930	3.1
2016–17 <sup>3</sup>	615.2	12,160	13,010	615.2	0.9	12,160	0.7	13,010	0.7
2017–18 <sup>3</sup>	632.6	12,490	13,360	621.3	1.0	12,270	0.9	13,120	0.9
2018–19 <sup>3</sup>	654.4	12,910	13,810	630.2	1.4	12,430	1.3	13,300	1.3
2019–20 <sup>3</sup>	680.9	13,400	14,340	640.3	1.6	12,600	1.4	13,480	1.4
2020–21 <sup>3</sup>	709.5	13,920	14,890	650.3	1.6	12,760	1.2	13,650	1.2
2021–22 <sup>3</sup>	738.4	14,440	15,440	661.3	1.7	12,930	1.3	13,830	1.3
2022–23 <sup>3</sup>	766.5	14,940	15,980	669.9	1.3	13,050	1.0	13,960	1.0
2023–24 <sup>3</sup>	795.2	15,440	16,520	678.1	1.2	13,170	0.9	14,090	0.9
2024–25 <sup>3</sup>	823.9	15,960	17,070	685.2	1.1	13,280	0.8	14,200	0.8
2025–26 <sup>3</sup>	853.2	16,500	17,650	692.3	1.0	13,390	0.8	14,320	0.8
2026–27 <sup>3</sup>	883.9	17,050	18,240	699.7	1.1	13,500	0.8	14,440	0.8
2027–28 <sup>3</sup>	908.9	17,460	18,670	706.1	0.9	13,560	0.5	14,510	0.5

#Rounds to zero.

<sup>1</sup>Unadjusted (or “current”) dollars have not been adjusted to compensate for inflation.

<sup>2</sup>Constant dollars based on the Consumer Price Index, prepared by the Bureau of Labor Statistics, U.S. Department of Labor, adjusted to a school-year basis.

<sup>3</sup>Projected.

NOTE: Current expenditures include instruction, support services, food services, and enterprise operations. Some data have been revised from previously published figures.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Common Core of Data (CCD), “National Public Education Financial Survey,” 1989–90 through 2014–15; National Elementary and Secondary Enrollment Projection Model, 1972 through 2027; and Public Elementary and Secondary Education Current Expenditure Projection Model, 1973–74 through 2027–28. (This table was prepared May 2018.)

**Table 236.20. Total expenditures for public elementary and secondary education and other related programs, by function and subfunction: Selected years, 1990–91 through 2014–15**

Function and subfunction	Expenditures (in thousands of current dollars)								Percentage distribution of current expenditures for public schools							
	1990–91	2000–01	2004–05	2010–11	2011–12	2012–13	2013–14 <sup>1</sup>	2014–15	1990–91	2000–01	2004–05	2010–11	2011–12	2012–13	2013–14 <sup>1</sup>	2014–15
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
<b>Total expenditures</b>	<b>\$229,429,715</b>	<b>\$410,811,185</b>	<b>\$499,568,736</b>	<b>\$604,355,852</b>	<b>\$601,993,584</b>	<b>\$606,813,352</b>	<b>\$625,018,277</b>	<b>\$651,135,383</b>	†	†	†	†	†	†	†	†
Current expenditures for public schools	202,037,752	348,360,841	425,047,565	527,291,339	527,207,246	535,795,823	553,501,209	575,331,825	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
Salaries	132,730,931 <sup>2</sup>	224,305,806	261,572,535	311,541,792	308,593,027	311,649,709	318,705,822	328,252,700	65.70	64.39	61.54	59.08	58.53	58.17	57.58	57.05
Employee benefits	33,954,456 <sup>2</sup>	57,976,490	81,930,228	111,750,200	114,335,598	117,974,476	123,655,529	130,868,877	16.81	16.64	19.28	21.19	21.69	22.02	22.34	22.75
Purchased services	16,380,643 <sup>2</sup>	31,778,754	39,870,015	53,498,786	54,335,285	55,789,458	58,171,703	61,118,818	8.11	9.12	9.38	10.15	10.31	10.41	10.51	10.62
Tuition	1,192,505 <sup>2</sup>	2,458,366	3,605,864	4,988,203	5,013,317	5,097,767	5,296,241	5,572,087	0.59	0.71	0.85	0.95	0.95	0.95	0.96	0.97
Supplies	14,805,956 <sup>2</sup>	28,262,078	33,870,267	40,417,163	40,076,526	40,662,095	42,895,737	43,793,547	7.33	8.11	7.97	7.67	7.60	7.59	7.75	7.61
Other	2,973,261 <sup>2</sup>	3,579,347	4,198,655	5,095,195	4,853,493	4,622,319	4,776,178	5,725,796	1.47	1.03	0.99	0.97	0.92	0.86	0.86	1.00
Instruction	122,223,362	214,333,003	260,046,266	322,536,983	320,994,474	325,682,380	336,426,927	349,453,258	60.50	61.53	61.18	61.17	60.89	60.78	60.78	60.74
Salaries	90,742,284	154,512,089	179,124,955	212,998,609	210,735,097	212,563,444	217,274,753	223,044,251	44.91	44.35	42.14	40.39	39.97	39.67	39.25	38.77
Employee benefits	22,347,524	39,522,678	55,004,561	75,248,811	76,950,048	79,502,797	83,946,609	88,840,559	11.06	11.35	12.94	14.27	14.60	14.84	15.17	15.44
Purchased services	2,722,639	6,430,708	9,014,911	14,694,620	14,537,511	14,757,780	15,177,204	16,559,278	1.35	1.85	2.12	2.79	2.76	2.75	2.74	2.88
Tuition	1,192,505	2,458,366	3,605,864	4,988,203	5,013,317	5,097,767	5,296,241	5,572,087	0.59	0.71	0.85	0.95	0.95	0.95	0.96	0.97
Supplies	4,584,754	10,377,554	12,163,557	13,135,284	12,433,973	12,415,970	13,344,523	14,060,733	2.27	2.98	2.86	2.49	2.36	2.32	2.41	2.44
Textbooks	—	—	2,240,937	2,324,846	2,167,152	2,129,590	2,321,424	2,438,331	—	—	0.53	0.44	0.41	0.40	0.42	0.42
Other	633,656	1,031,608	1,132,418	1,471,457	1,324,530	1,344,623	1,387,596	1,376,350	0.31	0.30	0.27	0.28	0.25	0.25	0.25	0.24
Student support <sup>3</sup>	8,926,010	17,292,756	22,118,879	29,368,646	29,173,107	29,916,535	30,754,056	32,363,375	4.42	4.96	5.20	5.57	5.53	5.58	5.56	5.63
Salaries	6,565,965	12,354,464	15,173,471	19,367,865	18,987,262	19,331,709	19,823,136	20,658,101	3.25	3.55	3.57	3.67	3.60	3.61	3.58	3.59
Employee benefits	1,660,892	3,036,037	4,475,112	6,533,691	6,787,639	7,062,770	7,315,689	7,872,711	0.82	0.87	1.05	1.24	1.29	1.32	1.32	1.37
Purchased services	455,996	1,328,600	1,799,403	2,583,714	2,681,311	2,790,029	2,850,087	3,024,871	0.23	0.38	0.42	0.49	0.51	0.52	0.51	0.53
Supplies	191,482	421,838	483,889	521,729	510,364	536,040	564,419	599,269	0.09	0.12	0.11	0.10	0.10	0.10	0.10	0.10
Other	52,485	151,817	187,005	361,647	206,531	195,987	200,727	208,422	0.03	0.04	0.04	0.07	0.04	0.04	0.04	0.04
Instructional staff services <sup>4</sup>	8,467,142	15,926,856	20,387,692	24,893,140	24,647,377	24,940,915	25,354,104	26,953,637	4.19	4.57	4.80	4.72	4.68	4.65	4.58	4.68
Salaries	5,560,129	9,790,767	12,108,423	14,490,521	14,333,780	14,478,409	14,685,427	15,490,102	2.75	2.81	2.85	2.75	2.72	2.70	2.65	2.69
Employee benefits	1,408,217	2,356,440	3,546,696	4,933,118	4,973,417	5,098,479	5,234,451	5,640,401	0.70	0.68	0.83	0.94	0.95	0.95	0.95	0.98
Purchased services	622,487	2,003,598	2,731,885	3,438,979	3,413,606	3,484,764	3,444,243	3,659,324	0.31	0.58	0.64	0.65	0.65	0.65	0.62	0.64
Supplies	776,863	1,566,954	1,791,507	1,810,950	1,708,502	1,666,377	1,786,877	1,950,698	0.38	0.45	0.42	0.34	0.32	0.31	0.32	0.34
Other	99,445	209,097	209,181	219,573	218,072	212,886	203,106	213,112	0.05	0.06	0.05	0.04	0.04	0.04	0.04	0.04
General administration	5,791,253	7,108,291	8,510,315	10,494,526	10,569,141	10,825,907	11,117,393	11,535,748	2.87	2.04	2.00	1.99	2.00	2.02	2.01	2.01
Salaries	2,603,562	3,351,554	3,725,275	4,401,697	4,377,224	4,472,689	4,622,952	4,746,838	1.29	0.96	0.88	0.83	0.83	0.83	0.84	0.83
Employee benefits	777,381	1,000,698	1,375,298	1,856,221	1,920,231	1,951,275	1,915,512	2,036,756	0.38	0.29	0.32	0.35	0.36	0.36	0.35	0.35
Purchased services	1,482,427	2,099,032	2,635,243	3,236,857	3,305,165	3,450,629	3,585,418	3,735,708	0.73	0.60	0.62	0.61	0.63	0.64	0.65	0.65
Supplies	172,898	206,137	221,376	228,417	239,097	232,774	237,184	249,401	0.09	0.06	0.05	0.04	0.04	0.04	0.04	0.04
Other	754,985	450,870	553,123	771,334	727,423	718,540	756,327	767,045	0.37	0.13	0.13	0.15	0.15	0.13	0.14	0.13
School administration	11,695,344	19,580,890	24,155,908	28,660,307	28,922,785	29,523,691	30,420,650	31,792,450	5.79	5.62	5.68	5.44	5.49	5.51	5.50	5.53
Salaries	8,935,903	14,817,213	17,467,947	20,191,545	20,198,660	20,574,974	21,132,933	21,921,938	4.42	4.25	4.11	3.83	3.83	3.84	3.82	3.81
Employee benefits	2,257,783	3,689,689	5,217,866	6,972,708	7,167,104	7,426,690	7,718,180	8,194,129	1.12	1.06	1.23	1.32	1.36	1.39	1.39	1.42
Purchased services	247,750	611,638	896,782	931,765	976,085	944,190	973,307	1,067,751	0.12	0.18	0.21	0.18	0.19	0.18	0.18	0.19
Supplies	189,711	369,257	439,418	426,864	423,318	432,107	435,766	443,385	0.09	0.11	0.10	0.08	0.08	0.08	0.08	0.08
Other	64,197	93,093	133,896	137,426	157,618	145,730	160,463	165,248	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03
Operation and maintenance	21,290,655	34,034,158	40,926,881	50,214,709	49,834,165	50,674,499	53,051,141	54,200,172	10.54	9.77	9.63	9.52	9.45	9.46	9.58	9.42
Salaries	8,849,559	13,461,242	15,344,880	17,604,634	17,434,337	17,468,535	17,846,272	18,205,576	4.38	3.86	3.61	3.34	3.31	3.26	3.22	3.16
Employee benefits	2,633,075	3,778,520	5,483,344	7,195,927	7,327,835	7,473,129	7,694,270	8,024,419	1.30	1.08	1.29	1.36	1.39	1.39	1.39	1.39
Purchased services	5,721,125	9,642,217	10,921,591	13,351,922	13,436,115	14,015,338	15,022,138	15,514,037	2.83	2.77	2.57	2.53	2.62	2.71	2.70	2.70
Supplies	3,761,738	6,871,845	8,832,550	11,638,187	11,242,771	11,349,828	12,078,609	12,047,041	1.86	1.97	2.08	2.21	2.15	2.18	2.09	2.09
Other	325,157	280,334	344,516	424,039	393,107	367,669	409,852	409,098	0.16	0.08	0.08	0.08	0.07	0.07	0.07	0.07
Student transportation	8,678,954	14,052,654	17,459,659	22,370,807	22,926,700	23,237,941	23,845,036	23,961,692	4.30	4.03	4.11	4.24	4.35	4.34	4.31	4.16
Salaries	3,285,127	5,406,092	6,379,953	7,527,611	7,483,297	7,525,466	7,683,616	7,897,110	1.63	1.55	1.50	1.43	1.42	1.40	1.39	1.37
Employee benefits	892,985	1,592,127	2,333,027	3,124,937	3,182,346	3,249,580	3,296,150	3,412,883	0.44	0.46	0.55	0.59	0.60	0.61	0.60	0.59
Purchased services	3,345,232	5,767,462	7,054,340	9,153,621	9,409,711	9,580,324	9,926,270	10,063,360	1.66	1.66	1.66	1.74	1.78	1.79	1.79	1.75
Supplies	961,447	1,159,350	1,501,906	2,370,182	2,625,741	2,656,230	2,695,508	2,356,982	0.48	0.33	0.35	0.45	0.50	0.50	0.49	0.41
Other	194,163	127,623	190,433	194,456	225,605	226,340	243,492	231,357	0.10	0.04	0.04	0.04	0.04	0.04	0.04	0.04

See notes at end of table.

**Table 236.20. Total expenditures for public elementary and secondary education and other related programs, by function and subfunction: Selected years, 1990–91 through 2014–15—Continued**

Function and subfunction	Expenditures (in thousands of current dollars)								Percentage distribution of current expenditures for public schools							
	1990–91	2000–01	2004–05	2010–11	2011–12	2012–13	2013–14 <sup>1</sup>	2014–15	1990–91	2000–01	2004–05	2010–11	2011–12	2012–13	2013–14 <sup>1</sup>	2014–15
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
Other support services <sup>5</sup> .....	5,587,837	11,439,134	14,058,464	17,246,807	17,850,135	18,054,249	19,034,045	20,885,114	2.77	3.28	3.31	3.27	3.39	3.37	3.44	3.63
Salaries .....	2,900,394	5,521,381	6,437,831	8,139,084	8,178,386	8,323,191	8,618,767	9,104,041	1.44	1.58	1.51	1.54	1.55	1.55	1.56	1.58
Employee benefits ...	980,859	1,594,540	2,486,442	3,295,052	3,395,915	3,497,220	3,694,720	3,912,721	0.49	0.46	0.58	0.62	0.64	0.65	0.67	0.68
Purchased services .	798,922	2,783,176	3,277,148	3,876,650	4,221,440	4,317,682	4,671,337	4,853,416	0.40	0.80	0.77	0.74	0.80	0.81	0.84	0.84
Supplies .....	294,527	626,889	771,940	876,293	916,214	964,937	1,097,951	1,163,493	0.15	0.18	0.18	0.17	0.17	0.18	0.20	0.20
Other .....	613,135	913,148	1,085,102	1,059,728	1,138,181	951,218	951,270	1,851,443	0.30	0.26	0.26	0.20	0.22	0.18	0.17	0.32
Food services .....	8,430,490	13,816,635	16,423,973	20,394,768	21,198,367	21,835,757	22,342,085	23,064,706	4.17	3.97	3.86	3.87	4.02	4.08	4.04	4.01
Salaries .....	—	4,966,092	5,606,416	6,482,085	6,563,700	6,607,619	6,699,499	6,873,015	—	1.43	1.32	1.23	1.24	1.23	1.21	1.19
Employee benefits ...	—	1,381,923	1,934,067	2,492,673	2,529,156	2,609,835	2,731,484	2,818,033	—	0.40	0.46	0.47	0.48	0.49	0.49	0.49
Purchased services .	—	923,091	1,332,761	2,058,018	2,177,107	2,270,476	2,335,017	2,460,967	—	0.26	0.31	0.39	0.41	0.42	0.42	0.43
Supplies .....	—	6,420,201	7,385,373	9,118,886	9,681,540	10,110,849	10,333,931	10,628,481	—	1.84	1.74	1.73	1.84	1.89	1.87	1.85
Other .....	—	125,327	165,355	243,105	246,864	236,978	242,155	284,209	—	0.04	0.04	0.05	0.05	0.04	0.04	0.05
Enterprise operations <sup>6</sup> ..	946,705	776,463	959,528	1,110,646	1,090,995	1,103,949	1,155,773	1,121,673	0.47	0.22	0.23	0.21	0.21	0.21	0.21	0.19
Salaries .....	—	124,913	203,383	338,141	301,285	303,674	318,467	311,727	—	0.04	0.05	0.06	0.06	0.06	0.06	0.05
Employee benefits ...	—	23,837	73,816	97,063	101,907	102,699	108,464	116,266	—	0.01	0.02	0.02	0.02	0.02	0.02	0.02
Purchased services .	—	189,230	205,951	172,641	177,234	178,246	186,682	180,106	—	0.05	0.05	0.03	0.03	0.03	0.03	0.03
Supplies .....	—	242,052	278,751	290,372	295,006	296,981	320,969	294,064	—	0.07	0.07	0.06	0.06	0.06	0.06	0.05
Other .....	—	196,430	197,628	212,430	215,563	222,349	221,191	219,510	—	0.06	0.05	0.04	0.04	0.04	0.04	0.04
Current expenditures for other programs .....	3,295,717	6,063,700	7,691,468	8,161,474	8,188,640	8,031,416	7,926,285	7,713,966	†	†	†	†	†	†	†	†
Community services ....	964,370	2,426,189	2,813,379	3,269,802	3,209,484	3,132,422	3,187,692	3,279,485	†	†	†	†	†	†	†	†
Private school programs .....	527,609	1,026,695	1,236,495	1,427,539	1,441,688	1,471,013	1,431,807	1,590,684	†	†	†	†	†	†	†	†
Adult education .....	1,365,523	1,838,265	1,964,631	2,013,156	1,931,449	1,829,564	1,804,646	1,815,963	†	†	†	†	†	†	†	†
Community colleges .....	5,356	351	435	34,045	29,488	30,107	30,906	28,238	†	†	†	†	†	†	†	†
Other .....	432,858	772,200	1,676,529	1,416,931	1,576,530	1,568,310	1,471,234	999,597	†	†	†	†	†	†	†	†
Capital outlay <sup>7</sup> .....	19,771,478	46,220,704	53,528,382	50,968,815	48,793,436	45,720,570	46,438,323	50,610,125	†	†	†	†	†	†	†	†
Public schools .....	19,655,496	46,078,494	53,430,719	50,888,951	48,717,033	45,555,651	46,297,257	50,448,404	†	†	†	†	†	†	†	†
Other current expenditures .....	115,982	142,210	97,663	79,864	76,403	164,919	141,066	161,722	†	†	†	†	†	†	†	†
Interest on school debt ....	4,324,768	10,165,940	13,301,322	17,934,224	17,804,262	17,265,542	17,152,459	17,479,466	†	†	†	†	†	†	†	†

—Not available.  
†Not applicable.

<sup>1</sup>Data have been revised from previously published figures.

<sup>2</sup>Includes estimated data for subfunctions of food services and enterprise operations.

<sup>3</sup>Includes expenditures for guidance, health, attendance, and speech pathology services.

<sup>4</sup>Includes expenditures for curriculum development, staff training, libraries, and media and computer centers.

<sup>5</sup>Includes business support services concerned with paying, transporting, exchanging, and maintaining goods and services for local education agencies; central support services, including planning, research, evaluation, information, staff, and data processing services; and other support services.

<sup>6</sup>Includes expenditures for operations funded by sales of products or services (e.g., school bookstore or computer time).

Includes very small amounts for direct program support made by state education agencies for local school districts.

<sup>7</sup>Includes expenditures for property and for buildings and alterations completed by school district staff or contractors.

NOTE: Excludes expenditures for state education agencies. Detail may not sum to totals because of rounding.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Common Core of Data (CCD), "National Public Education Financial Survey," 1990–91 through 2014–15. (This table was prepared October 2017.)

**Table 236.25. Current expenditures for public elementary and secondary education, by state or jurisdiction: Selected years, 1969–70 through 2014–15**

[In thousands of current dollars]

State or jurisdiction	1969–70	1979–80	1989–90	1999–2000	2003–04	2004–05	2005–06	2006–07	2007–08	2008–09	2009–10	2010–11	2011–12	2012–13	2013–14 <sup>1</sup>	2014–15
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
<b>United States</b>	<b>\$34,217,773</b>	<b>\$86,984,142</b>	<b>\$188,229,359</b>	<b>\$323,888,508</b>	<b>\$403,390,369</b>	<b>\$425,047,565</b>	<b>\$449,131,342</b>	<b>\$476,814,206</b>	<b>\$506,884,219</b>	<b>\$518,922,842</b>	<b>\$524,715,242</b>	<b>\$527,291,339</b>	<b>\$527,207,246</b>	<b>\$535,795,823</b>	<b>\$553,501,209</b>	<b>\$575,331,825</b>
Alabama	422,730	1,146,713	2,275,233	4,176,082	4,812,479	5,164,406	5,699,076	6,245,031	6,832,439	6,683,843	6,670,517	6,592,925	6,386,517	6,532,358	6,742,829	6,806,467
Alaska	81,374	377,947	828,051	1,183,499	1,354,846	1,442,269	1,529,645	1,634,316	1,918,375	2,007,319	2,084,019	2,201,270	2,292,205	2,395,354	2,418,000	2,648,552
Arizona	281,941	949,753	2,258,660	4,288,739	6,071,785	6,579,957	7,130,341	7,815,720	8,403,221	8,726,755	8,482,552	8,340,211	7,976,089	8,164,529	8,187,607	8,370,884
Arkansas	235,083	666,949	1,404,545	2,380,331	3,109,644	3,546,999	3,808,011	3,997,701	4,156,368	4,240,839	4,459,910	4,578,136	4,606,995	4,637,169	4,778,074	4,813,321
California	3,831,595	9,172,158	21,485,782	38,129,479	49,215,866	50,918,654	53,436,103	57,352,599	61,570,555	60,080,929	58,248,662	57,526,835	57,975,189	58,323,458	61,050,894	65,953,946
Colorado	369,218	1,243,049	2,451,833	4,401,010	5,666,191	5,994,440	6,368,289	6,579,053	7,338,766	7,187,267	7,429,302	7,409,462	7,341,585	7,506,978	7,924,319	8,260,461
Connecticut	588,710	1,227,892	3,444,520	5,402,836	6,600,767	7,080,396	7,517,025	7,855,459	8,336,789	8,708,294	8,853,337	9,094,036	9,344,999	9,543,010	10,050,439	10,321,511
Delaware	108,747	269,108	520,953	937,630	1,201,631	1,299,349	1,405,465	1,437,707	1,489,594	1,518,786	1,549,812	1,613,304	1,751,143	1,761,559	1,816,383	1,860,732
District of Columbia	141,138	298,448	639,983	780,192	1,011,536	1,067,500	1,057,166	1,130,006	1,282,437	1,352,905	1,451,870	1,482,202	1,466,888	1,557,117	1,605,030	1,668,528
Florida	961,273	2,766,468	8,228,531	13,885,988	17,578,884	19,042,877	20,897,327	22,887,024	24,224,114	23,328,028	23,349,314	23,870,090	22,732,752	23,214,634	24,363,817	25,123,548
Georgia	599,371	1,608,028	4,505,962	9,158,624	11,788,616	12,528,856	13,739,825	14,828,715	16,030,039	15,976,945	15,730,409	15,527,907	15,623,633	15,536,733	15,921,673	16,530,506
Hawaii	141,324	351,889	700,012	1,213,695	1,566,792	1,648,086	1,805,521	2,045,198	2,122,779	2,225,438	2,136,144	2,141,561	2,187,480	2,178,284	2,316,586	2,344,496
Idaho	103,107	319,327	627,794	1,302,817	1,555,006	1,618,215	1,694,827	1,777,491	1,891,505	1,957,740	1,961,857	1,981,746	1,854,556	1,925,676	1,949,963	2,015,654
Illinois	1,896,067	4,579,355	8,125,493	14,462,773	18,081,827	18,658,428	19,244,908	20,326,591	21,874,484	23,495,271	24,695,773	24,554,467	25,012,915	25,783,911	27,289,963	28,545,089
Indiana	809,105	1,851,292	4,074,578	7,110,930	8,524,980	9,108,391	9,241,986	9,497,077	9,281,709	9,680,895	9,921,243	9,687,949	9,978,491	9,811,166	9,841,337	9,970,350
Iowa	527,086	1,186,659	2,004,742	3,264,336	3,669,797	3,808,200	4,039,389	4,231,932	4,499,236	4,731,963	4,794,308	4,855,871	4,971,944	5,143,771	5,354,843	5,526,877
Kansas	362,593	830,133	1,848,320	2,971,814	3,658,421	3,718,153	4,039,417	4,339,447	4,633,517	4,806,603	4,731,676	4,741,372	4,871,381	4,895,863	5,083,374	5,136,532
Kentucky	353,265	1,054,459	2,134,011	3,837,794	4,553,382	4,812,591	5,213,620	5,422,621	5,822,550	5,886,890	6,091,814	6,211,453	6,360,799	6,354,306	6,375,119	6,583,287
Louisiana	503,217	1,303,902	2,838,283	4,391,189	5,290,964	5,554,766	5,554,278	6,040,368	6,814,455	7,276,651	7,393,452	7,522,098	7,544,782	7,492,539	7,721,469	7,960,448
Maine	155,907	385,492	1,048,195	1,604,438	1,969,497	2,056,266	2,119,408	2,258,764	2,308,071	2,350,447	2,370,085	2,377,878	2,330,842	2,357,739	2,441,064	2,538,313
Maryland	721,794	1,783,056	3,894,644	6,545,135	8,198,454	8,682,586	9,381,613	10,210,303	11,211,176	11,591,965	11,883,677	11,885,333	11,850,634	12,108,546	12,314,446	12,620,036
Massachusetts	907,341	2,638,734	4,760,390	8,564,039	10,799,765	11,357,857	11,747,010	12,383,447	13,182,987	13,937,097	13,362,366	14,151,659	14,627,898	15,183,018	15,723,617	16,230,036
Michigan	1,799,945	4,642,847	8,025,621	13,994,294	15,983,424	16,353,941	16,681,981	17,013,259	17,032,521	17,217,584	17,227,515	16,786,444	16,485,178	16,354,807	16,493,575	16,849,135
Minnesota	781,243	1,786,768	3,474,398	6,140,442	7,084,005	7,310,288	7,686,638	8,060,410	8,426,264	9,182,281	8,927,288	8,944,867	9,053,021	9,354,376	9,723,759	10,222,017
Mississippi	262,760	756,018	1,472,710	2,510,376	3,059,569	3,243,884	3,550,261	3,692,358	3,898,401	3,967,232	3,990,876	3,887,981	4,006,798	4,071,006	4,145,632	4,242,486
Missouri	642,030	1,504,988	3,288,738	5,655,531	6,823,454	7,115,207	7,592,485	7,957,705	8,526,641	8,827,224	8,923,448	8,691,887	8,719,925	8,905,756	9,125,949	9,390,061
Montana	127,176	358,118	641,345	994,770	1,160,838	1,193,182	1,254,360	1,320,112	1,392,449	1,436,062	1,498,252	1,518,818	1,504,531	1,523,696	1,576,937	1,601,097
Nebraska	231,612	581,615	1,233,431	1,926,500	2,413,404	2,512,914	2,672,629	2,825,608	2,970,323	3,053,573	3,213,646	3,345,530	3,462,575	3,563,939	3,654,376	3,805,871
Nevada	87,273	281,901	712,898	1,875,467	2,470,581	2,722,264	2,959,728	3,311,471	3,515,004	3,606,035	3,592,994	3,676,997	3,574,233	3,577,346	3,738,777	3,880,472
New Hampshire	101,370	295,400	821,671	1,418,503	1,900,240	2,021,144	2,139,113	2,246,692	2,399,330	2,490,623	2,576,956	2,637,911	2,643,256	2,655,077	2,720,225	2,764,233
New Jersey	1,343,564	3,638,533	8,119,336	13,327,645	18,416,695	19,669,576	20,869,993	22,448,262	24,357,079	23,446,911	24,261,392	23,639,281	24,391,278	25,417,320	25,733,921	25,993,208
New Mexico	183,736	515,451	1,020,148	1,890,274	2,446,115	2,554,638	2,729,707	2,904,474	3,057,061	3,186,252	3,217,328	3,127,463	3,039,361	3,099,308	3,189,842	3,309,622
New York	4,111,839	8,760,500	18,090,978	28,433,240	36,205,111	38,866,853	41,149,457	43,679,908	46,443,426	48,635,363	50,251,461	51,574,134	52,460,494	52,938,586	55,080,662	56,862,010
North Carolina	676,193	1,880,862	4,342,826	7,713,293	8,994,620	9,835,550	10,476,056	11,248,336	11,482,912	12,598,382	12,200,362	12,322,555	12,303,426	12,666,607	12,685,461	13,210,839
North Dakota	97,985	228,483	459,391	678,946	7,165,585	1,825,900	1,934,429	838,221	886,317	898,528	1,000,095	1,049,772	1,098,900	1,174,364	1,287,133	1,373,266
Ohio	1,639,805	3,836,576	7,994,379	12,974,575	16,662,985	17,167,866	17,829,599	18,251,361	18,892,374	19,387,318	19,801,670	19,988,921	19,701,810	19,506,123	19,714,149	20,231,423
Oklahoma	339,105	1,055,844	1,905,332	3,382,581	3,853,308	4,161,024	4,406,002	4,750,536	4,932,913	5,082,062	5,192,124	5,036,031	5,170,978	5,329,897	5,451,048	5,560,047
Oregon	403,844	1,126,812	2,297,944	3,896,287	4,199,485	4,458,028	4,773,751	5,039,632	5,409,630	5,529,831	5,401,667	5,430,888	5,389,273	5,395,742	5,647,470	5,969,321
Pennsylvania	1,912,644	4,584,320	9,496,788	14,120,112	17,680,332	18,711,100	19,631,006	20,404,304	21,157,430	21,831,816	22,733,518	23,485,203	23,190,198	23,712,931	24,264,551	25,109,991
Rhode Island	145,443	362,046	801,908	1,393,143	1,765,585	1,825,900	1,934,429	2,039,633	2,134,609	2,139,317	2,136,582	2,149,366	2,167,450	2,121,403	2,182,976	2,242,486
South Carolina	367,689	997,984	2,322,618	4,087,355	5,017,833	5,312,739	5,696,629	6,023,043	6,453,817	6,626,763	6,566,165	6,465,486	6,619,072	6,950,410	7,163,995	7,437,182
South Dakota	109,375	238,332	447,074	737,998	887,328	916,563	948,671	977,006	1,037,875	1,080,054	1,115,861	1,126,503	1,100,100	1,125,929	1,121,080	1,211,080
Tennessee	473,226	1,319,303	2,790,808	4,931,734	6,056,657	6,446,691	6,681,445	6,975,099	7,540,306	7,768,063	7,894,661	8,225,374	8,345,584	8,531,675	8,606,721	8,736,367
Texas	1,518,181	4,997,689	12,763,954	25,098,703	30,974,890	31,919,107	33,851,773	36,105,784	39,033,235	40,688,181	42,621,886	42,864,291	41,067,619	42,066,035	44,330,579	47,527,971
Utah	179,981	518,251	1,130,135	2,022,655	2,475,550	2,727,022	2,778,236	2,987,810	3,444,936	3,638,775	3,635,085	3,704,133	3,779,760	3,944,736		

**Table 236.30. Total expenditures for public elementary and secondary education and other related programs, by function and state or jurisdiction: 2014–15**

[In thousands of current dollars]

State or jurisdiction	Total expenditures															
	Total	Current expenditures for elementary and secondary programs												Current expenditures for other programs <sup>1</sup>	Capital outlay <sup>2</sup>	Interest on school debt
		Elementary/secondary current expenditures, total	Instruction	Support services								Food services	Enterprise operations <sup>3</sup>			
				Support services, total	Student support <sup>4</sup>	Instructional staff <sup>5</sup>	General administration	School administration	Operation and maintenance	Student transportation	Other support services					
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
<b>United States</b>	<b>\$651,135,383</b>	<b>\$575,331,825</b>	<b>\$349,453,258</b>	<b>\$201,692,188</b>	<b>\$32,363,375</b>	<b>\$26,953,637</b>	<b>\$11,535,748</b>	<b>\$31,792,450</b>	<b>\$54,200,172</b>	<b>\$23,961,692</b>	<b>\$20,885,114</b>	<b>\$23,064,706</b>	<b>\$1,121,673</b>	<b>\$7,713,966</b>	<b>\$50,610,125</b>	<b>\$17,479,466</b>
Alabama	7,616,860	6,806,467	3,872,177	2,449,646	408,979	289,637	183,197	422,385	644,857	348,793	151,797	484,644	0	119,901	532,055	158,438
Alaska	2,979,917	2,648,552	1,489,304	1,074,704	218,768	182,576	36,091	167,573	298,813	75,110	95,773	74,442	10,103	8,569	283,392	39,404
Arizona	9,672,927	8,370,884	4,487,506	3,429,604	620,897	427,327	151,555	453,075	1,028,730	366,216	381,803	452,688	1,087	78,941	985,963	237,140
Arkansas	5,482,962	4,813,321	2,701,703	1,841,202	253,504	405,500	121,203	250,517	484,217	180,402	145,858	264,826	5,590	29,843	516,484	123,315
California	75,683,277	65,953,946	39,213,957	23,820,247	3,641,156	4,025,664	637,847	4,313,320	6,779,257	1,473,279	2,949,724	2,741,143	178,599	751,167	6,416,660	2,561,504
Colorado	9,690,253	8,260,461	4,665,976	3,252,284	416,794	500,375	135,373	584,110	767,715	238,685	609,231	295,438	46,763	74,658	928,425	426,709
Connecticut	11,478,652	10,321,511	6,526,503	3,478,774	652,076	313,837	227,672	599,080	909,748	512,522	263,838	231,160	85,073	158,350	877,468	121,323
Delaware	2,054,363	1,860,732	1,149,485	646,552	81,052	36,203	28,598	116,983	196,623	91,322	95,771	64,696	0	52,008	119,623	22,000
District of Columbia	2,258,775	1,668,528	900,908	705,392	78,721	90,069	139,686	190,252	129,161	116,268	42,235	59,038	3,190	45,200	427,737	117,311
Florida	28,033,934	25,123,548	15,420,047	8,454,101	1,098,980	1,619,748	227,364	1,389,373	2,495,767	973,695	649,174	1,249,401	0	566,775	1,681,662	661,949
Georgia	18,651,390	16,530,506	10,213,889	5,354,638	771,530	848,437	202,306	1,010,803	1,251,312	754,658	515,591	911,957	50,021	28,877	1,880,048	211,959
Hawaii	2,521,003	2,344,496	1,377,713	835,930	225,975	81,416	12,762	158,895	231,340	67,779	57,763	130,853	0	14,707	161,800	0
Idaho	2,241,635	2,015,654	1,198,556	711,215	112,319	101,749	49,087	115,641	188,743	93,090	50,586	105,743	140	5,400	166,757	53,825
Illinois	31,806,820	28,545,089	17,612,116	10,162,416	1,934,528	1,108,884	1,104,727	1,434,598	2,358,751	1,258,354	962,574	770,557	0	169,946	2,191,854	899,931
Indiana	11,452,708	9,970,350	5,735,162	3,754,660	497,924	387,180	226,029	633,437	1,149,076	609,809	251,205	480,528	0	155,229	1,006,597	320,532
Iowa	6,535,027	5,526,877	3,367,129	1,908,387	317,936	292,702	141,304	313,558	476,558	200,748	165,582	245,630	5,731	34,647	849,249	124,255
Kansas	6,341,694	5,136,532	3,077,236	1,812,005	321,454	219,512	140,983	296,473	487,495	321,179	134,909	247,290	0	4,506	988,606	212,049
Kentucky	7,424,343	6,583,287	3,788,481	2,376,035	313,386	365,299	157,907	385,692	593,138	391,205	169,408	402,406	16,364	75,896	579,294	185,866
Louisiana	8,971,748	7,960,448	4,488,043	3,041,507	482,232	409,862	205,076	500,736	743,309	463,999	236,294	430,226	673	43,626	855,123	111,551
Maine	2,680,791	2,538,313	1,491,376	941,268	169,351	136,264	83,236	135,909	257,850	127,183	31,475	105,341	328	28,487	65,528	48,464
Maryland	13,912,214	12,620,036	7,882,693	4,376,475	593,168	656,587	107,122	844,031	1,149,654	663,441	362,472	360,868	0	33,708	1,086,000	172,471
Massachusetts	16,586,646	15,723,617	10,009,583	5,283,798	1,141,177	714,402	245,386	678,233	1,406,337	702,807	395,456	430,236	0	65,227	568,970	228,832
Michigan	19,026,759	16,849,135	9,686,774	6,543,084	1,297,647	844,619	373,201	932,384	1,535,692	697,641	861,901	619,277	0	274,429	1,103,053	800,142
Minnesota	12,366,444	10,222,017	6,619,067	3,128,865	287,026	497,589	379,471	406,573	715,264	571,208	271,734	441,268	32,818	448,210	1,358,282	337,934
Mississippi	4,415,412	4,145,632	2,357,120	1,533,685	212,884	193,840	137,699	250,177	435,577	198,930	104,577	254,526	301	26,134	188,411	55,235
Missouri	10,829,315	9,390,061	5,542,173	3,404,843	426,351	425,911	335,099	549,217	955,896	480,483	231,886	443,044	0	232,401	887,999	318,855
Montana	1,806,322	1,601,097	942,042	585,532	106,293	60,239	52,130	87,771	160,563	76,802	41,732	171,169	2,354	10,880	173,839	20,506
Nebraska	4,348,146	3,805,871	2,430,511	1,119,073	168,602	124,010	114,879	177,476	319,475	115,170	99,461	157,910	98,376	2,075	450,868	89,332
Nevada	4,260,789	3,880,472	2,255,867	1,474,359	204,091	227,129	52,027	291,600	395,526	156,691	147,294	150,032	215	22,882	187,667	169,769
New Hampshire	2,937,340	2,764,233	1,756,353	938,380	209,637	86,247	96,910	153,445	235,705	122,829	33,608	69,500	0	6,434	125,488	41,185
New Jersey	28,107,047	25,993,208	15,639,896	9,574,610	2,661,155	839,266	529,772	1,275,869	2,586,979	1,067,007	614,564	579,948	198,754	239,236	1,253,806	620,797
New Mexico	3,854,180	3,309,622	1,890,194	1,258,330	334,466	91,761	73,674	201,469	343,060	108,548	105,353	158,836	2,262	2,927	541,463	168
New York	61,536,419	56,862,010	39,941,146	15,777,090	1,805,255	1,486,881	944,423	2,152,618	4,878,346	2,854,655	1,654,912	1,143,774	0	1,665,699	1,975,175	1,033,536
North Carolina	13,980,856	13,210,839	8,219,015	4,264,246	636,633	456,747	227,957	827,022	1,113,613	566,074	436,200	727,579	0	62,377	693,708	13,933
North Dakota	1,688,628	1,373,266	817,363	452,099	54,722	47,317	58,758	69,632	124,199	55,744	41,727	65,729	38,076	7,591	284,820	22,951
Ohio	23,201,835	20,231,423	11,824,870	7,734,384	1,348,398	846,987	632,309	1,159,968	1,802,842	977,219	966,660	670,845	1,325	430,075	1,785,331	755,007
Oklahoma	6,302,177	5,560,047	3,063,208	2,088,257	377,998	232,161	164,593	307,410	595,638	181,652	228,804	351,628	56,954	26,641	664,610	50,880
Oregon	6,820,088	5,969,321	3,480,025	2,270,157	429,146	237,083	82,210	383,243	477,279	271,383	389,812	215,786	3,352	30,335	477,494	342,940
Pennsylvania	28,546,370	25,109,991	15,439,796	8,715,690	1,359,396	844,886	768,898	1,125,163	2,398,565	1,269,238	949,545	849,253	105,252	602,570	1,798,799	1,035,010
Rhode Island	2,470,307	2,242,486	1,376,735	805,349	230,560	77,151	32,200	105,902	176,514	92,487	90,536	59,537	864	60,318	122,062	45,441
South Carolina	8,739,543	7,437,182	4,103,458	2,917,936	568,055	461,000	76,059	476,919	739,421	309,723	286,759	395,466	20,322	66,518	883,237	352,607
South Dakota	1,472,049	1,211,080	708,499	429,061	66,188	44,479	42,227	58,963	126,310	44,137	46,758	67,469	6,051	7,205	221,532	32,232
Tennessee	9,610,524	8,736,367	5,369,137	2,888,151	378,074	533,185	191,053	526,468	733,568	331,753	194,050	479,079	0	87,917	540,243	245,998
Texas	57,759,884	47,527,971	27,490,783	17,301,289	2,311,749	2,397,830	695,428	2,686,698	5,016,839	1,351,570	2,841,175	2,735,898	0	336,344	6,771,873	3,123,696
Utah	5,159,274	4,290,876	2,710,146	1,329,943	166,510	167,029	42,557	277,559	398,390	131,635	146,263	224,934	25,853	24,247	688,121	156,030

See notes at end of table.

**Table 236.30. Total expenditures for public elementary and secondary education and other related programs, by function and state or jurisdiction: 2014–15—Continued**

[In thousands of current dollars]

State or jurisdiction	Total expenditures															
	Current expenditures for elementary and secondary programs													Current expenditures for other programs <sup>1</sup>	Capital outlay <sup>2</sup>	Interest on school debt
	Total	Elementary/secondary current expenditures, total	Instruction	Support services								Food services	Enterprise operations <sup>3</sup>			
				Support services, total	Student support <sup>4</sup>	Instructional staff <sup>5</sup>	General administration	School administration	Operation and maintenance	Student transportation	Other support services					
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
Vermont .....	1,724,283	1,638,720	1,037,584	552,644	121,758	68,629	33,264	103,576	131,039	57,106	37,273	46,877	1,615	13,970	59,389	12,204
Virginia .....	15,694,822	14,384,705	8,755,906	5,074,788	727,280	933,235	229,070	851,238	1,341,078	762,899	229,987	551,366	2,645	73,469	1,086,723	149,924
Washington .....	13,531,012	11,470,245	6,603,006	4,375,113	779,713	760,021	231,438	680,284	1,010,218	441,402	472,038	372,162	119,964	40,168	1,593,843	426,756
West Virginia .....	3,530,555	3,226,918	1,845,599	1,178,064	159,213	148,308	58,701	174,019	337,457	240,026	60,340	203,255	0	43,801	244,741	15,094
Wisconsin .....	11,407,269	10,054,346	5,978,996	3,700,841	494,395	521,705	284,468	504,225	942,669	431,632	521,747	374,399	109	315,532	868,017	169,375
Wyoming .....	1,929,790	1,509,532	898,443	565,486	88,272	85,163	30,762	81,886	143,998	75,506	59,899	45,052	552	6,915	410,241	3,101
<b>Other jurisdictions</b>																
American Samoa ...	67,466	63,693	30,680	16,188	78	6,023	780	4,394	2,797	826	1,291	16,825	0	1,830	1,943	0
Guam .....	316,501	293,713	146,165	129,513	29,227	14,663	3,300	17,902	33,808	8,987	21,627	18,036	0	0	12,834	9,954
Northern Marianas .	68,394	65,304	30,646	26,255	6,688	5,348	3,972	3,839	3,411	1,498	1,498	8,403	0	2,273	817	0
Puerto Rico .....	3,373,394	3,247,136	1,330,000	1,508,154	330,143	271,942	122,792	140,391	383,786	153,083	106,018	408,983	0	73,288	52,970	0
U.S. Virgin Islands ..	160,092	158,652	94,478	54,901	13,816	5,061	6,328	8,604	6,829	7,244	7,018	9,125	148	1,440	0	0

<sup>1</sup>Includes expenditures for adult education, community colleges, private school programs funded by local and state education agencies, and community services.

<sup>2</sup>Includes expenditures for property and for buildings and alterations completed by school district staff or contractors.

<sup>3</sup>Includes expenditures for operations funded by sales of products or services (e.g., school bookstore or computer time). Also includes small amounts for direct program support made by state education agencies for local school districts.

<sup>4</sup>Includes expenditures for guidance, health, attendance, and speech pathology services.

<sup>5</sup>Includes expenditures for curriculum development, staff training, libraries, and media and computer centers.

NOTE: Excludes expenditures for state education agencies. Detail may not sum to totals because of rounding.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Common Core of Data (CCD), "National Public Education Financial Survey," 2014–15. (This table was prepared October 2017.)

**Table 236.50. Expenditures for instruction in public elementary and secondary schools, by subfunction and state or jurisdiction: 2013–14 and 2014–15**

[In thousands of current dollars]

State or jurisdiction	2013–14 <sup>1</sup>						2014–15					
	Total	Salaries	Employee benefits	Purchased services <sup>2</sup>	Supplies	Tuition and other	Total	Salaries	Employee benefits	Purchased services <sup>2</sup>	Supplies	Tuition and other
1	2	3	4	5	6	7	8	9	10	11	12	13
<b>United States</b>	<b>\$336,426,927</b>	<b>\$217,274,753</b>	<b>\$83,946,609</b>	<b>\$15,177,204</b>	<b>\$13,344,523</b>	<b>\$6,683,837</b>	<b>\$349,453,258</b>	<b>\$223,044,251</b>	<b>\$88,840,559</b>	<b>\$16,559,278</b>	<b>\$14,060,733</b>	<b>\$6,948,438</b>
Alabama	3,857,965	2,495,973	929,191	138,778	275,876	18,146	3,872,177	2,486,747	964,905	144,100	257,225	19,200
Alaska	1,351,130	688,002	539,442	55,660	57,806	10,221	1,489,304	693,933	666,738	57,105	60,744	10,784
Arizona	4,417,026	3,006,420	915,607	272,897	193,217	28,886	4,487,506	3,040,265	916,617	297,427	199,391	33,805
Arkansas	2,682,962	1,818,164	527,026	107,512	198,566	31,694	2,701,703	1,829,292	518,679	121,267	197,297	35,168
California	36,339,035	23,880,539	8,311,544	1,763,556	1,575,298	808,098	39,213,957	25,433,552	8,958,204	1,959,137	2,035,673	827,392
Colorado	4,532,344	3,155,520	857,531	116,455	279,866	122,972	4,665,976	3,222,468	898,454	117,985	300,310	126,758
Connecticut	6,384,876	3,768,384	1,807,917	219,748	124,377	464,451	6,526,503	3,833,099	1,862,292	207,769	114,555	508,789
Delaware	1,114,418	686,840	347,214	10,797	45,641	23,925	1,149,485	705,383	352,172	13,330	49,110	29,490
District of Columbia	870,663	594,440	114,670	55,899	21,046	84,608	900,908	623,929	130,180	41,453	22,667	82,679
Florida	14,965,309	8,956,541	2,659,520	2,688,847	540,299	120,101	15,420,047	9,093,724	2,711,823	2,930,569	579,077	104,853
Georgia	9,754,846	6,483,313	2,375,341	285,105	561,404	49,684	10,213,889	6,689,671	2,494,344	366,574	606,976	56,324
Hawaii	1,386,369	880,214	324,728	59,932	99,874	21,621	1,377,713	894,305	338,738	51,694	71,774	21,202
Idaho	1,162,582	801,330	278,525	41,161	40,252	1,315	1,198,556	820,405	288,933	43,961	43,767	1,491
Illinois	16,611,477	9,801,210	5,196,496	847,598	409,798	356,375	17,612,116	9,965,876	5,858,828	1,002,755	419,835	364,823
Indiana	5,696,591	3,580,342	1,833,963	86,869	1,833,963	9,786	5,735,162	3,574,920	1,859,846	101,594	190,184	8,619
Iowa	3,253,688	2,266,128	754,548	93,197	107,043	32,772	3,367,129	2,357,489	779,276	92,699	104,785	32,880
Kansas	3,058,329	2,156,471	648,768	92,257	138,280	22,552	3,077,236	2,175,821	647,283	94,674	135,740	23,719
Kentucky	3,650,281	2,568,493	910,228	57,851	101,787	11,922	3,788,481	2,597,950	995,038	59,334	121,763	14,396
Louisiana	4,351,146	2,711,577	1,273,092	114,753	209,579	42,147	4,488,043	2,742,976	1,331,045	135,515	225,173	53,334
Maine	1,448,216	919,464	392,420	25,390	31,142	79,799	1,491,376	937,483	406,804	25,823	32,386	88,881
Maryland	7,656,939	4,759,013	2,189,400	212,796	213,285	282,444	7,882,693	4,940,005	2,221,890	232,136	200,822	287,840
Massachusetts	9,722,197	6,247,063	2,377,754	82,050	269,369	745,961	10,009,583	6,415,874	2,478,063	89,398	254,192	772,055
Michigan	9,486,702	5,331,186	3,018,939	856,182	261,634	18,759	9,686,774	5,259,496	3,242,438	906,122	259,632	19,087
Minnesota	6,302,538	4,294,902	1,412,032	320,409	199,547	75,648	6,619,067	4,499,275	1,503,059	339,174	197,255	80,303
Mississippi	2,286,543	1,567,661	527,815	62,772	108,023	20,274	2,357,120	1,624,328	541,001	64,756	106,373	20,663
Missouri	5,390,508	3,745,579	1,108,541	161,269	344,922	30,287	5,542,173	3,826,042	1,146,422	172,822	366,253	30,634
Montana	932,247	614,876	190,430	56,325	65,998	4,618	942,042	625,968	188,777	56,859	65,515	4,923
Nebraska	2,314,124	1,541,816	527,390	121,034	104,816	19,069	2,430,511	1,588,320	574,865	128,546	118,079	20,701
Nevada	2,170,930	1,415,331	565,882	45,917	140,619	3,182	2,255,867	1,480,410	583,389	42,110	145,680	4,276
New Hampshire	1,736,832	1,048,182	473,539	43,851	36,020	135,241	1,756,353	1,060,633	472,500	47,213	36,592	139,415
New Jersey	15,290,871	9,430,180	4,050,774	584,200	484,849	740,869	15,639,896	9,543,271	4,256,870	601,928	478,059	759,768
New Mexico	1,824,229	1,229,083	420,624	64,765	109,585	172	1,890,194	1,278,415	440,845	66,080	104,541	3,313
New York	38,596,638	23,257,980	12,447,965	1,555,633	680,980	654,081	39,941,146	23,422,021	13,181,503	1,954,045	691,050	692,527
North Carolina	7,785,969	5,345,590	1,801,460	237,655	401,263	0	8,219,015	5,685,089	1,878,685	265,190	390,051	0
North Dakota	761,416	525,546	178,153	21,330	30,006	6,381	817,363	555,689	204,526	23,076	28,840	5,232
Ohio	11,566,740	7,337,894	2,665,555	692,421	438,661	432,209	11,824,870	7,488,983	2,725,876	711,778	449,802	448,431
Oklahoma	3,006,771	2,102,581	662,910	60,316	168,888	12,075	3,063,208	2,141,680	679,060	65,286	164,994	12,188
Oregon	3,281,994	1,897,877	1,083,270	112,832	150,454	37,562	3,480,025	2,010,753	1,128,280	122,514	178,334	40,145
Pennsylvania	14,935,130	9,022,167	4,381,876	750,910	466,611	313,567	15,439,796	9,105,193	4,836,293	678,116	491,423	328,771
Rhode Island	1,331,758	841,424	384,165	11,176	20,129	74,863	1,376,735	857,109	410,935	13,317	22,128	73,246
South Carolina	4,028,909	2,735,300	943,105	137,167	184,301	29,036	4,103,458	2,774,511	983,740	160,296	161,416	23,495
South Dakota	691,983	460,459	141,197	28,092	49,686	12,550	708,499	475,667	144,489	28,944	47,056	12,342
Tennessee	5,305,727	3,564,674	1,189,138	120,190	418,176	13,549	5,369,137	3,581,742	1,206,926	122,743	447,399	10,326
Texas	26,120,024	20,099,881	3,164,655	902,306	1,651,068	302,115	27,490,783	21,014,720	3,509,535	924,910	1,719,679	321,939
Utah	2,591,929	1,594,179	721,390	86,785	1,662,727	10,330	2,710,146	1,662,727	762,359	89,796	181,827	13,437
Vermont	1,010,159	586,197	264,309	57,416	21,226	81,011	1,037,584	594,644	282,120	57,925	20,459	82,435
Virginia	8,452,761	5,823,389	2,149,400	161,961	307,515	10,497	8,755,906	5,911,978	2,320,287	179,955	334,467	9,219
Washington	6,313,122	4,197,576	1,470,546	339,118	249,854	56,029	6,603,006	4,371,176	1,526,690	386,895	259,107	59,138
West Virginia	1,845,512	1,112,276	567,594	36,841	124,119	4,681	1,845,599	1,138,412	554,776	39,552	108,143	4,716
Wisconsin	5,928,878	3,760,462	1,637,784	89,519	228,366	212,747	5,978,996	3,812,581	1,632,340	90,694	220,874	222,507
Wyoming	867,592	565,066	231,336	29,707	38,527	2,956	898,443	578,250	241,819	32,338	42,260	3,776
Other jurisdictions												
American Samoa	31,260	19,980	4,175	763	2,271	4,072	30,680	20,784	4,335	940	1,005	3,616
Guam	143,291	106,646	36,294	13	339	0	146,165	106,308	38,700	926	230	0
Northern Marianas	26,065	19,648	2,810	2,538	19	1,050	30,646	21,544	4,447	2,872	308	1,474
Puerto Rico	1,406,511	1,001,758	251,331	77,888	23,069	52,465	1,330,000	999,279	237,820	74,461	17,972	468
U.S. Virgin Islands	102,082	69,456	27,782	2,066	2,778	0	94,478	63,964	25,586	2,142	2,787	0

<sup>1</sup>Data have been revised from previously published figures.

<sup>2</sup>Includes purchased professional services of teachers or others who provide instruction for students.

NOTE: Excludes expenditures for state education agencies. Detail may not sum to totals because of rounding.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Common Core of Data (CCD), "National Public Education Financial Survey," 2013–14 and 2014–15. (This table was prepared October 2017.)

**Table 236.55. Total and current expenditures per pupil in public elementary and secondary schools: Selected years, 1919–20 through 2014–15**

School year	Expenditure per pupil in average daily attendance				Expenditure per pupil in fall enrollment <sup>1</sup>				
	Unadjusted dollars <sup>2</sup>		Constant 2016–17 dollars <sup>3</sup>		Unadjusted dollars <sup>2</sup>		Constant 2016–17 dollars <sup>3</sup>		Annual percent change in current expenditure
	Total expenditure <sup>4</sup>	Current expenditure	Total expenditure <sup>4</sup>	Current expenditure	Total expenditure <sup>4</sup>	Current expenditure	Total expenditure <sup>4</sup>	Current expenditure	
1	2	3	4	5	6	7	8	9	10
1919–20	\$64	\$53	\$814	\$679	\$48	\$40	\$609	\$508	—
1929–30	108	87	1,538	1,229	90	72	1,274	1,018	—
1931–32	97	81	1,630	1,365	82	69	1,380	1,155	—
1933–34	76	67	1,397	1,237	65	57	1,187	1,051	—
1935–36	88	74	1,553	1,312	74	63	1,313	1,110	—
1937–38	100	84	1,689	1,421	86	72	1,450	1,220	—
1939–40	106	88	1,836	1,530	92	76	1,591	1,326	—
1941–42	110	98	1,712	1,530	94	84	1,466	1,310	—
1943–44	125	117	1,736	1,629	105	99	1,463	1,373	—
1945–46	146	136	1,940	1,814	124	116	1,653	1,546	—
1947–48	205	181	2,133	1,890	179	158	1,863	1,650	—
1949–50	260	210	2,668	2,155	231	187	2,367	1,913	—
1951–52	314	246	2,903	2,272	275	215	2,542	1,989	—
1953–54	351	265	3,167	2,390	312	236	2,816	2,125	—
1955–56	387	294	3,493	2,656	354	269	3,193	2,428	—
1957–58	447	341	3,802	2,899	408	311	3,467	2,644	—
1959–60	471	375	3,890	3,098	440	350	3,634	2,894	—
1961–62	517	419	4,175	3,383	485	393	3,917	3,174	—
1963–64	559	460	4,396	3,622	520	428	4,091	3,371	—
1965–66	654	538	4,972	4,089	607	499	4,616	3,796	—
1967–68	786	658	5,612	4,697	732	612	5,220	4,369	—
1969–70	955	816	6,135	5,242	879	751	5,648	4,826	—
1970–71	1,049	911	6,411	5,565	970	842	5,926	5,145	6.6
1971–72	1,128	990	6,651	5,836	1,034	908	6,100	5,352	4.0
1972–73	1,211	1,077	6,862	6,104	1,117	993	6,330	5,631	5.2
1973–74	1,364	1,207	7,098	6,283	1,244	1,101	6,472	5,729	1.7
1974–75	1,545	1,365	7,237	6,393	1,423	1,257	6,668	5,890	2.8
1975–76	1,697	1,504	7,427	6,579	1,563	1,385	6,838	6,058	2.9
1976–77	1,816	1,638	7,509	6,770	1,674	1,509	6,920	6,239	3.0
1977–78	2,002	1,823	7,758	7,062	1,842	1,677	7,135	6,495	4.1
1978–79	2,210	2,020	7,828	7,157	2,029	1,855	7,189	6,573	1.2
1979–80	2,491	2,272	7,785	7,101	2,290	2,088	7,157	6,528	-0.7
1980–81	2,742 <sup>5</sup>	2,502	7,682 <sup>5</sup>	7,008	2,529 <sup>5</sup>	2,307	7,085 <sup>5</sup>	6,464	-1.0
1981–82	2,973 <sup>5</sup>	2,726	7,667 <sup>5</sup>	7,028	2,754 <sup>5</sup>	2,525	7,102 <sup>5</sup>	6,510	0.7
1982–83	3,203 <sup>5</sup>	2,955	7,920 <sup>5</sup>	7,306	2,966 <sup>5</sup>	2,736	7,333 <sup>5</sup>	6,765	3.9
1983–84	3,471 <sup>5</sup>	3,173	8,276 <sup>5</sup>	7,565	3,216 <sup>5</sup>	2,940	7,666 <sup>5</sup>	7,009	3.6
1984–85	3,722 <sup>5</sup>	3,470	8,539 <sup>5</sup>	7,962	3,456 <sup>5</sup>	3,222	7,928 <sup>5</sup>	7,393	5.5
1985–86	4,020 <sup>5</sup>	3,756	8,964 <sup>5</sup>	8,375	3,724 <sup>5</sup>	3,479	8,305 <sup>5</sup>	7,759	5.0
1986–87	4,308 <sup>5</sup>	3,970	9,398 <sup>5</sup>	8,662	3,995 <sup>5</sup>	3,682	8,715 <sup>5</sup>	8,032	3.5
1987–88	4,654 <sup>5</sup>	4,240	9,749 <sup>5</sup>	8,882	4,310 <sup>5</sup>	3,927	9,028 <sup>5</sup>	8,225	2.4
1988–89	5,108	4,645	10,227	9,300	4,737	4,307	9,484	8,624	4.8
1989–90	5,547	4,980	10,601	9,516	5,172	4,643	9,883	8,873	2.9
1990–91	5,882	5,258	10,658	9,527	5,484	4,902	9,936	8,882	0.1
1991–92	6,072	5,421	10,661	9,518	5,626	5,023	9,878	8,819	-0.7
1992–93	6,279	5,584	10,691	9,506	5,802	5,160	9,879	8,784	-0.4
1993–94	6,489	5,767	10,769	9,571	5,994	5,327	9,947	8,841	0.6
1994–95	6,723	5,989	10,846	9,662	6,206	5,529	10,012	8,919	0.9
1995–96	6,959	6,147	10,930	9,654	6,441	5,689	10,116	8,935	0.2
1996–97	7,297	6,393	11,143	9,762	6,761	5,923	10,325	9,045	1.2
1997–98	7,701	6,676	11,553	10,015	7,139	6,189	10,711	9,285	2.7
1998–99	8,115	7,013	11,968	10,343	7,531	6,508	11,106	9,598	3.4
1999–2000	8,589	7,394	12,311	10,598	8,030	6,912	11,510	9,908	3.2
2000–01	9,180	7,904	12,722	10,953	8,572	7,380	11,879	10,228	3.2
2001–02	9,611	8,259	13,088	11,246	8,993	7,727	12,246	10,523	2.9
2002–03	9,950	8,610	13,258	11,473	9,296	8,044	12,387	10,719	1.9
2003–04	10,308	8,900	13,441	11,605	9,625	8,310	12,551	10,836	1.1
2004–05	10,779	9,316	13,644	11,793	10,078	8,711	12,758	11,027	1.8
2005–06	11,338	9,778	13,825	11,924	10,603	9,145	12,930	11,151	1.1
2006–07	12,015	10,336	14,282	12,286	11,252	9,679	13,375	11,505	3.2
2007–08	12,759	10,982	14,625	12,588	11,965	10,298	13,714	11,804	2.6
2008–09	13,033	11,239	14,733	12,704	12,222	10,540	13,816	11,914	0.9
2009–10	13,035	11,427	14,594	12,794	12,133	10,636	13,584	11,908	-0.1
2010–11	12,926	11,433	14,187	12,549	12,054	10,663	13,230	11,703	-1.7
2011–12	12,796	11,362	13,644	12,116	11,991	10,648	12,786	11,354	-3.0
2012–13	12,859	11,509	13,487	12,072	12,033	10,771	12,621	11,297	-0.5
2013–14 <sup>6</sup>	13,174	11,819	13,606	12,206	12,335	11,066	12,739	11,429	1.2
2014–15	13,668	12,224	14,013	12,533	12,796	11,445	13,119	11,734	2.7

—Not available.

<sup>1</sup>Data for 1919–20 to 1953–54 are based on school-year enrollment.

<sup>2</sup>Unadjusted (or “current”) dollars have not been adjusted to compensate for inflation.

<sup>3</sup>Constant dollars based on the Consumer Price Index, prepared by the Bureau of Labor Statistics, U.S. Department of Labor, adjusted to a school-year basis.

<sup>4</sup>Excludes “Other current expenditures,” such as community services, private school programs, adult education, and other programs not allocable to expenditures per student at public schools.

<sup>5</sup>Estimated.

<sup>6</sup>Revised from previously published figures.

NOTE: Beginning in 1980–81, state administration expenditures are excluded from both “total” and “current” expenditures. Current expenditures include instruction, support services, food services, and enterprise operations. Total expenditures include current expenditures, capital outlay, and interest on debt. Beginning in 1988–89, extensive changes were made in the data collection procedures.

SOURCE: U.S. Department of Education, National Center for Education Statistics, *Biennial Survey of Education in the United States*, 1919–20 through 1955–56; *Statistics of State School Systems, 1957–58 through 1969–70; Revenues and Expenditures for Public Elementary and Secondary Education, 1970–71 through 1986–87*; and Common Core of Data (CCD), “National Public Education Financial Survey,” 1987–88 through 2014–15. (This table was prepared October 2017.)

**Table 236.60. Total and current expenditures per pupil in fall enrollment in public elementary and secondary schools, by function and subfunction: Selected years, 1990–91 through 2014–15**

Function and subfunction	Expenditures per pupil in current dollars									Expenditures per pupil in constant 2016–17 dollars <sup>1</sup>								
	1990–91	2000–01	2004–05	2009–10	2010–11	2011–12	2012–13	2013–14 <sup>2</sup>	2014–15	1990–91	2000–01	2004–05	2009–10	2010–11	2011–12	2012–13	2013–14 <sup>2</sup>	2014–15
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
<b>Total expenditures</b> .....	<b>\$5,484</b>	<b>\$8,572</b>	<b>\$10,078</b>	<b>\$12,133</b>	<b>\$12,054</b>	<b>\$11,991</b>	<b>\$12,033</b>	<b>\$12,335</b>	<b>\$12,796</b>	<b>\$9,936</b>	<b>\$11,879</b>	<b>\$12,758</b>	<b>\$13,584</b>	<b>\$13,230</b>	<b>\$12,786</b>	<b>\$12,621</b>	<b>\$12,739</b>	<b>\$13,119</b>
Current expenditures for public schools .....	4,902	7,380	8,711	10,636	10,663	10,648	10,771	11,066	11,445	8,882	10,228	11,027	11,908	11,703	11,354	11,297	11,429	11,734
Salaries .....	3,220 <sup>3</sup>	4,752	5,361	6,366	6,300	6,233	6,265	6,372	6,530	5,835 <sup>3</sup>	6,586	6,786	7,127	6,914	6,646	6,571	6,581	6,695
Employee benefits .....	824 <sup>3</sup>	1,228	1,679	2,199	2,260	2,309	2,372	2,472	2,603	1,493 <sup>3</sup>	1,702	2,125	2,462	2,480	2,462	2,487	2,553	2,669
Purchased services .....	397 <sup>3</sup>	673	817	1,053	1,082	1,097	1,121	1,163	1,216	720 <sup>3</sup>	933	1,034	1,179	1,187	1,170	1,176	1,201	1,247
Tuition .....	29 <sup>3</sup>	52	74	96	101	101	102	106	111	52 <sup>3</sup>	72	94	108	111	108	107	109	114
Supplies .....	359 <sup>3</sup>	599	694	818	817	809	817	858	871	651 <sup>3</sup>	830	879	915	897	863	857	886	893
Other .....	72 <sup>3</sup>	76	86	104	103	98	93	95	114	131 <sup>3</sup>	105	109	117	113	105	97	99	117
Instruction .....	2,965	4,541	5,329	6,511	6,522	6,483	6,547	6,726	6,951	5,373	6,293	6,746	7,290	7,158	6,913	6,867	6,946	7,127
Salaries .....	2,202	3,273	3,671	4,347	4,307	4,256	4,273	4,344	4,437	3,989	4,536	4,647	4,867	4,727	4,538	4,482	4,486	4,549
Employee benefits .....	542	837	1,127	1,481	1,522	1,554	1,598	1,678	1,767	982	1,160	1,427	1,658	1,670	1,657	1,676	1,733	1,812
Purchased services .....	66	136	185	281	297	294	297	303	329	120	189	234	314	326	313	311	313	338
Tuition .....	29	52	74	96	101	101	102	106	111	52	72	94	108	111	108	107	109	114
Supplies .....	111	220	249	277	266	251	250	267	280	202	305	316	311	292	268	262	276	287
Textbooks .....	—	—	—	52	47	44	43	46	49	—	—	—	58	52	47	45	48	50
Other .....	15	22	23	29	30	27	27	28	27	28	30	29	33	33	29	28	29	28
Student support <sup>4</sup> .....	217	366	453	591	594	589	601	615	644	392	508	574	661	652	628	631	635	660
Salaries .....	159	262	311	393	392	383	389	396	411	289	363	394	440	430	409	408	409	421
Employee benefits .....	40	64	92	128	132	137	142	146	157	73	89	116	144	145	146	149	151	161
Purchased services .....	11	28	37	50	52	54	56	57	60	20	39	47	57	57	58	59	59	62
Supplies .....	5	9	10	11	11	10	11	11	12	8	12	13	12	12	11	11	12	12
Other .....	1	3	4	7	7	4	4	4	4	2	4	5	8	8	4	4	4	4
Instructional staff services <sup>5</sup> .....	205	337	418	509	503	498	501	507	536	372	468	529	570	552	531	526	524	550
Salaries .....	135	207	248	301	293	289	291	294	308	244	287	314	337	322	309	305	303	316
Employee benefits .....	34	50	73	98	100	100	102	105	112	62	69	92	110	109	107	107	108	115
Purchased services .....	15	42	56	69	70	69	70	69	73	27	59	71	77	76	74	73	71	75
Supplies .....	19	33	37	37	37	35	33	36	39	34	46	46	42	40	37	35	37	40
Other .....	2	4	4	5	4	4	4	4	4	4	6	5	5	5	5	4	4	4
General administration .....	141	151	174	211	212	213	218	222	229	255	209	221	237	233	228	228	230	235
Salaries .....	63	71	76	90	89	88	90	92	94	114	98	97	101	98	94	94	95	97
Employee benefits .....	19	21	28	37	38	39	39	38	41	34	29	36	41	41	41	41	40	42
Purchased services .....	36	44	54	64	65	67	69	72	74	65	62	68	71	72	71	73	74	76
Supplies .....	4	4	5	5	5	5	5	5	5	8	6	6	5	5	5	5	5	5
Other .....	18	10	11	16	16	15	14	15	15	33	13	14	18	17	16	15	16	16
School administration .....	284	415	495	579	580	584	593	608	632	514	575	627	648	636	623	622	628	648
Salaries .....	217	314	358	413	408	408	414	423	436	393	435	453	462	448	435	434	436	447
Employee benefits .....	55	78	107	136	141	145	149	154	163	99	108	135	153	155	154	157	159	167
Purchased services .....	6	13	18	19	19	20	19	19	21	11	18	23	21	21	21	20	20	22
Supplies .....	5	8	9	9	9	9	9	9	9	8	11	11	10	9	9	9	9	9
Other .....	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
Operation and maintenance .....	517	721	839	1,014	1,015	1,006	1,019	1,061	1,078	936	999	1,062	1,135	1,114	1,073	1,068	1,095	1,105
Salaries .....	215	285	314	364	356	352	351	357	362	389	395	398	408	391	375	368	368	371
Employee benefits .....	64	80	112	143	146	148	150	154	160	116	111	142	160	160	158	158	159	164
Purchased services .....	139	204	224	265	270	271	282	300	309	252	283	283	297	296	289	296	310	316
Supplies .....	91	146	181	233	235	227	228	241	240	165	202	229	261	258	242	239	249	246
Other .....	8	6	7	9	9	8	7	8	8	14	8	9	10	9	8	8	8	8

See notes at end of table.

**Table 236.60. Total and current expenditures per pupil in fall enrollment in public elementary and secondary schools, by function and subfunction: Selected years, 1990–91 through 2014–15—Continued**

Function and subfunction	Expenditures per pupil in current dollars									Expenditures per pupil in constant 2016–17 dollars <sup>1</sup>								
	1990–91	2000–01	2004–05	2009–10	2010–11	2011–12	2012–13	2013–14 <sup>2</sup>	2014–15	1990–91	2000–01	2004–05	2009–10	2010–11	2011–12	2012–13	2013–14 <sup>2</sup>	2014–15
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Student transportation .....	211	298	358	442	452	463	467	477	477	382	413	453	495	497	494	490	492	489
Salaries .....	80	115	131	155	152	151	151	154	157	144	159	166	173	167	161	159	159	161
Employee benefits .....	22	34	48	62	63	64	65	66	68	39	47	61	69	69	69	69	68	70
Purchased services .....	81	122	145	182	185	190	193	198	200	147	169	183	204	203	203	202	205	205
Supplies .....	23	25	31	40	48	53	53	54	47	42	34	39	45	53	57	56	56	48
Other .....	5	3	4	4	4	5	5	5	5	9	4	5	4	4	5	5	5	5
Other support services <sup>6</sup> .....	136	242	288	348	349	361	363	381	415	246	336	365	390	383	384	381	393	426
Salaries .....	70	117	132	165	165	165	167	172	181	128	162	167	185	181	176	175	178	186
Employee benefits .....	24	34	51	64	67	69	70	74	78	43	47	65	71	73	73	74	76	80
Purchased services .....	19	59	67	79	78	85	87	93	97	35	82	85	89	86	91	91	96	99
Supplies .....	7	13	16	17	18	19	19	22	23	13	18	20	19	19	20	20	23	24
Other .....	15	19	22	23	21	23	19	19	37	27	27	28	25	24	25	20	20	38
Food services .....	205	293	337	405	412	428	439	447	459	371	406	426	454	453	457	460	461	470
Salaries .....	—	105	115	131	131	133	133	134	137	—	146	145	147	144	141	139	138	140
Employee benefits .....	—	29	40	49	50	51	52	55	56	—	41	50	55	55	54	55	56	57
Purchased services .....	—	20	27	39	42	44	46	47	49	—	27	35	44	46	47	48	48	50
Supplies .....	—	136	151	181	184	196	203	207	211	—	188	192	203	202	209	213	213	217
Other .....	—	3	3	5	5	5	5	5	6	—	4	4	5	5	5	5	5	6
Enterprise operations <sup>7</sup> .....	23	16	20	25	22	22	22	23	22	42	23	25	29	25	23	23	24	23
Salaries .....	—	3	4	7	7	6	6	6	6	—	4	5	8	8	6	6	7	6
Employee benefits .....	—	1	2	2	2	2	2	2	2	—	1	2	2	2	2	2	2	2
Purchased services .....	—	4	4	5	3	4	4	4	4	—	6	5	6	4	4	4	4	4
Supplies .....	—	5	6	7	6	6	6	6	6	—	7	7	8	6	6	6	7	6
Other .....	—	4	4	4	4	4	4	4	4	—	6	5	5	5	5	5	5	4
Capital outlay <sup>8</sup> .....	477	976	1,095	1,148	1,029	984	916	926	1,004	864	1,353	1,386	1,285	1,129	1,049	961	956	1,029
Interest on school debt .....	105	215	273	349	363	360	347	343	348	190	298	345	391	398	383	364	354	356

—Not available.

<sup>1</sup>Constant dollars based on the Consumer Price Index, prepared by the Bureau of Labor Statistics, U.S. Department of Labor, adjusted to a school-year basis.

<sup>2</sup>Data have been revised from previously published figures.

<sup>3</sup>Includes estimated data for subfunctions of food services and enterprise operations.

<sup>4</sup>Includes expenditures for guidance, health, attendance, and speech pathology services.

<sup>5</sup>Includes expenditures for curriculum development, staff training, libraries, and media and computer centers.

<sup>6</sup>Includes business support services concerned with paying, transporting, exchanging, and maintaining goods and services

for local education agencies; central support services, including planning, research, evaluation, information, staff, and data processing services; and other support services.

<sup>7</sup>Includes expenditures for operations funded by sales of products or services (e.g., school bookstore or computer time).

<sup>8</sup>Includes expenditures for property and for buildings and alterations completed by school district staff or contractors.

NOTE: Excludes expenditures for state education agencies. Detail may not sum to totals because of rounding.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Common Core of Data (CCD), "National Public Education Financial Survey," 1990–91 through 2014–15. (This table was prepared October 2017.)

**Table 236.65. Current expenditure per pupil in fall enrollment in public elementary and secondary schools, by state or jurisdiction: Selected years, 1969–70 through 2014–15**

State or jurisdiction	Unadjusted dollars <sup>1</sup>														
	1969–70	1979–80	1989–90	1999–2000	2004–05	2005–06	2006–07	2007–08	2008–09	2009–10	2010–11	2011–12	2012–13	2013–14	2014–15
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
<b>United States .....</b>	<b>\$751</b>	<b>\$2,088</b>	<b>\$4,643</b>	<b>\$6,912</b>	<b>\$8,711</b>	<b>\$9,145</b>	<b>\$9,679</b>	<b>\$10,298</b>	<b>\$10,540</b>	<b>\$10,636</b>	<b>\$10,663</b>	<b>\$10,648</b>	<b>\$10,771</b>	<b>\$11,066</b>	<b>\$11,445</b>
Alabama .....	512	1,520	3,144	5,638	7,073	7,683	8,398	9,197	8,964	8,907	8,726	8,577	8,773	9,036	9,146
Alaska .....	1,059	4,267	7,577	8,806	10,847	11,476	12,324	14,641	15,363	15,829	16,663	17,475	18,217	18,466	20,191
Arizona .....	674	1,865	3,717	5,030	6,307	6,515	7,316	7,727	8,022	7,870	7,782	7,383	7,495	7,427	7,590
Arkansas .....	511	1,472	3,229	5,277	7,659	8,030	8,391	8,677	8,854	9,281	9,496	9,536	9,538	9,752	9,805
California .....	833	2,227	4,502	6,314	7,905	8,301	8,952	9,706	9,503	9,300	9,146	9,220	9,258	9,671	10,449
Colorado .....	686	2,258	4,357	6,215	7,826	8,166	8,286	9,152	8,782	8,926	8,786	8,594	8,693	9,036	9,292
Connecticut .....	911	2,167	7,463	9,753	12,263	13,072	13,659	14,610	15,353	15,698	16,224	16,855	17,321	18,401	19,020
Delaware .....	833	2,587	5,326	8,310	10,911	11,621	11,760	12,153	12,109	12,222	12,467	13,580	13,653	13,793	13,882
District of Columbia .....	947	2,811	7,872	10,107	13,915	13,752	15,511	16,353	19,698	20,910	20,793	19,847	20,451	20,537	20,610
Florida .....	683	1,834	4,597	5,831	7,215	7,812	8,567	9,084	8,867	9,300	9,030	8,520	8,623	8,955	9,113
Georgia .....	539	1,491	4,000	6,437	8,065	8,595	9,102	9,718	9,649	9,432	9,259	9,272	9,121	9,236	9,476
Hawaii .....	792	2,086	4,130	6,530	8,997	9,876	11,316	11,800	12,400	11,855	11,924	11,973	11,790	12,400	12,855
Idaho .....	573	1,548	2,921	5,315	6,319	6,469	6,951	7,118	7,100	6,821	6,626	6,262	6,761	6,577	6,929
Illinois .....	816	2,241	4,521	7,133	8,896	9,113	9,596	10,353	11,097	11,739	11,742	12,011	12,443	13,213	13,935
Indiana .....	661	1,708	4,270	7,192	8,919	8,929	9,080	8,867	9,254	9,479	9,251	9,588	9,421	9,396	9,529
Iowa .....	798	2,164	4,190	6,564	7,962	8,355	8,791	9,520	9,704	9,748	9,795	10,027	10,291	10,647	10,938
Kansas .....	699	1,963	4,290	6,294	7,926	8,640	9,243	9,894	10,204	9,972	9,802	10,021	10,011	10,240	10,329
Kentucky .....	502	1,557	3,384	5,921	7,132	7,668	7,941	8,740	8,786	8,957	9,228	9,327	9,274	9,411	9,560
Louisiana .....	589	1,629	3,625	5,804	7,669	8,486	8,937	10,006	10,625	10,701	10,799	10,726	10,539	10,853	11,106
Maine .....	649	1,692	4,903	7,667	10,342	10,841	11,644	11,761	12,183	12,525	12,576	12,335	12,694	13,276	13,976
Maryland .....	809	2,293	5,573	7,731	10,031	10,909	11,989	13,257	13,737	14,007	13,946	13,875	14,086	14,217	14,431
Massachusetts .....	791	2,548	5,766	8,816	11,642	12,087	12,784	13,690	14,534	13,956	14,612	14,844	15,321	15,886	16,450
Michigan .....	841	2,495	5,090	8,110	9,338	9,575	9,876	10,075	10,373	10,447	10,577	10,477	10,515	10,649	10,956
Minnesota .....	855	2,296	4,698	7,190	8,718	9,159	9,589	10,060	10,983	10,665	10,674	10,781	11,065	11,427	11,924
Mississippi .....	457	1,568	2,934	5,014	6,548	7,173	7,459	7,890	8,064	8,100	7,926	8,097	8,117	8,265	8,445
Missouri .....	596	1,724	4,071	6,187	7,858	8,273	8,848	9,532	9,617	9,721	9,461	9,514	9,702	9,938	10,231
Montana .....	728	2,264	4,240	6,314	8,133	8,626	9,191	9,786	10,120	10,565	10,719	10,569	10,662	10,941	11,078
Nebraska .....	700	2,025	4,553	6,683	8,794	9,324	10,068	10,565	10,846	11,339	11,704	11,492	11,743	11,877	12,174
Nevada .....	706	1,908	3,816	5,760	6,804	7,177	7,796	8,187	8,321	8,376	8,411	8,130	8,026	8,275	8,451
New Hampshire .....	666	1,732	4,786	6,860	9,771	10,396	11,036	11,951	12,583	13,072	13,548	13,774	14,050	14,601	14,969
New Jersey .....	924	2,825	7,546	10,337	14,117	14,954	16,163	17,620	16,973	17,379	16,855	17,982	18,523	18,780	18,559
New Mexico .....	665	1,870	3,446	5,825	7,834	8,354	8,849	9,291	9,648	9,621	9,250	9,013	9,164	9,403	9,724
New York .....	1,194	2,950	7,051	9,846	13,703	14,615	15,546	16,794	17,746	18,167	18,857	19,396	19,529	20,156	20,744
North Carolina .....	570	1,635	4,018	6,045	7,098	7,396	7,878	7,798	8,463	8,225	8,267	8,160	8,342	8,287	8,529
North Dakota .....	662	1,941	3,899	5,667	8,279	8,728	8,671	9,324	9,802	10,519	10,898	11,246	11,615	12,383	12,884
Ohio .....	677	1,894	4,531	7,065	9,330	9,692	9,937	10,340	10,669	11,224	11,395	11,323	11,276	11,434	11,730
Oklahoma .....	554	1,810	3,293	5,395	6,610	6,941	7,430	7,683	7,878	7,929	7,631	7,763	7,914	7,995	8,075
Oregon .....	843	2,412	4,864	7,149	8,069	8,645	8,958	9,565	9,611	9,268	9,516	9,485	9,572	9,959	10,457
Pennsylvania .....	815	2,328	5,737	7,772	10,235	10,723	10,905	11,741	12,299	12,729	13,096	13,091	13,445	13,824	14,405
Rhode Island .....	807	2,340	5,908	8,904	11,667	12,609	13,453	14,459	14,719	14,723	14,948	15,172	14,889	15,372	15,797
South Carolina .....	567	1,597	3,769	6,130	7,549	8,120	8,507	9,060	9,228	9,080	8,908	9,102	9,444	9,608	9,831
South Dakota .....	656	1,781	3,511	5,632	7,464	7,775	8,064	8,535	8,543	9,020	8,931	8,593	8,630	9,036	9,103
Tennessee .....	531	1,523	3,405	5,383	6,850	7,004	7,129	7,820	7,992	8,117	8,330	8,348	8,588	8,662	8,776
Texas .....	551	1,740	3,835	6,288	7,246	7,480	7,850	8,350	8,562	8,788	8,685	8,213	8,285	8,602	9,081
Utah .....	595	1,556	2,577	4,378	5,216	5,464	5,709	5,978	6,612	6,452	6,440	6,312	6,432	6,546	6,751
Vermont .....	790	1,930	5,770	8,323	11,972	12,805	13,629	14,421	15,096	15,666	14,707	16,651	17,286	18,066	18,769
Virginia .....	654	1,824	4,690	6,841	8,886	9,452	10,214	10,664	10,928	10,594	10,363	10,656	10,960	11,235	11,512
Washington .....	853	2,387	4,382	6,376	7,717	7,984	8,524	9,058	9,585	9,497	9,619	9,604	9,714	10,305	10,684
West Virginia .....	621	1,749	4,022	7,152	9,024	9,440	9,727	10,059	10,606	11,774	11,978	11,579	11,264	11,371	11,512
Wisconsin .....	793	2,225	5,020	7,806	9,755	9,993	10,372	10,791	11,183	11,507	11,947	11,233	11,186	11,345	11,538
Wyoming .....	805	2,369	5,239	7,425	10,190	11,437	13,266	13,856	14,628	15,232	15,815	15,988	15,815	15,903	16,047
<b>Other jurisdictions</b>															
American Samoa .....	—	—	1,781	2,739	3,607	3,561	3,481	—	—	—	—	—	—	—	—
Guam .....	766	—	3,817	—	—	6,781	—	—	—	—	8,443	9,300	8,949	8,585	9,431
Northern Marianas .....	—	—	3,356	5,120	5,034	4,924	4,707	4,535	5,753	5,676	7,623	6,246	5,733	5,875	—
Puerto Rico .....	—	—	1,605	3,404	4,979	5,470	6,006	6,520	6,955	7,021	7,429	7,403	8,460	8,281	7,902
U.S. Virgin Islands .....	—	—	6,043	6,478	8,387	8,768	9,669	12,358	12,768	14,215	13,226	11,669	10,661	11,705	11,141

See notes at end of table.

**Table 236.65. Current expenditure per pupil in fall enrollment in public elementary and secondary schools, by state or jurisdiction: Selected years, 1969–70 through 2014–15—Continued**

State or jurisdiction	Constant 2016–17 dollars <sup>2</sup>														
	1969–70	1979–80	1989–90	1999–2000	2004–05	2005–06	2006–07	2007–08	2008–09	2009–10	2010–11	2011–12	2012–13	2013–14	2014–15
1	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
<b>United States</b> .....	<b>\$4,826</b>	<b>\$6,528</b>	<b>\$8,873</b>	<b>\$9,908</b>	<b>\$11,027</b>	<b>\$11,151</b>	<b>\$11,505</b>	<b>\$11,804</b>	<b>\$11,914</b>	<b>\$11,908</b>	<b>\$11,703</b>	<b>\$11,354</b>	<b>\$11,297</b>	<b>\$11,429</b>	<b>\$11,734</b>
Alabama .....	3,287	4,753	6,008	8,081	8,954	9,369	9,983	10,541	10,133	9,972	9,577	9,146	9,201	9,332	9,378
Alaska .....	6,804	13,337	14,481	12,623	13,730	13,994	14,650	16,782	17,366	17,722	18,289	18,634	19,107	19,070	20,701
Arizona .....	4,332	5,829	7,104	7,210	7,984	7,945	8,697	8,857	9,069	8,811	8,541	7,873	7,861	7,670	7,782
Arkansas .....	3,282	4,601	6,171	7,565	9,695	9,792	9,975	9,946	10,009	10,391	10,422	10,168	10,004	10,071	10,052
California .....	5,353	6,959	8,604	9,051	10,006	10,123	10,641	11,125	10,742	10,412	10,039	9,832	9,711	9,988	10,713
Colorado .....	4,407	7,058	8,326	8,909	9,907	9,958	9,849	10,490	9,927	9,993	9,643	9,164	9,118	9,331	9,527
Connecticut .....	5,850	6,773	14,262	13,979	15,523	15,940	16,237	16,746	17,356	17,356	17,806	17,973	18,167	19,003	19,500
Delaware .....	5,354	8,085	10,179	11,911	13,811	14,172	13,979	13,930	13,688	13,678	13,684	14,481	14,320	14,245	14,232
District of Columbia .....	6,083	8,788	15,043	14,487	17,615	16,769	18,438	18,744	22,268	23,411	22,821	21,163	21,450	21,209	21,130
Florida .....	4,385	5,733	8,785	8,358	9,051	9,133	9,526	10,184	10,412	10,023	9,923	9,911	9,085	9,044	9,343
Georgia .....	3,461	4,661	7,644	9,227	10,210	10,481	10,820	11,138	10,908	10,561	10,162	9,887	9,567	9,538	9,716
Hawaii .....	5,087	6,521	7,893	9,360	11,389	12,043	13,452	13,525	14,017	13,272	13,087	12,767	12,366	12,806	13,179
Idaho .....	3,682	4,839	5,582	7,618	7,999	7,889	7,902	7,967	8,046	7,950	7,487	7,066	7,091	6,792	7,104
Illinois .....	5,240	7,005	8,640	10,224	11,261	11,113	11,406	11,867	12,544	13,142	12,888	12,808	13,051	13,645	14,287
Indiana .....	4,247	5,339	8,161	10,309	11,290	10,888	10,793	10,164	10,461	10,613	10,154	10,223	9,882	9,704	9,770
Iowa .....	5,127	6,765	8,007	9,409	10,078	10,188	10,450	10,912	10,970	10,913	10,750	10,692	10,794	10,995	11,214
Kansas .....	4,489	6,135	8,198	9,021	10,033	10,536	10,987	11,341	11,535	11,165	10,759	10,686	10,500	10,575	10,590
Kentucky .....	3,225	4,868	6,466	8,487	9,028	9,351	9,439	10,017	9,932	10,029	10,128	9,945	9,727	9,719	9,801
Louisiana .....	3,786	5,092	6,927	8,319	9,708	10,348	10,624	11,469	12,011	11,981	11,852	11,438	11,054	11,208	11,386
Maine .....	4,170	5,289	9,370	10,990	13,092	13,220	13,841	13,481	13,772	14,023	13,803	13,152	13,314	13,701	14,330
Maryland .....	5,198	7,166	10,651	11,082	12,698	13,302	14,251	15,195	15,529	15,682	15,307	14,795	14,774	14,682	14,795
Massachusetts .....	5,079	7,963	11,019	12,636	14,737	14,739	15,196	15,692	16,430	15,625	16,037	15,828	16,069	16,406	16,866
Michigan .....	5,406	7,800	9,727	11,624	11,821	11,676	11,740	11,548	11,725	11,696	11,609	11,171	11,029	10,998	11,233
Minnesota .....	5,491	7,178	8,978	10,306	11,036	11,169	11,399	11,531	12,415	11,941	11,715	11,496	11,606	11,801	12,226
Mississippi .....	2,934	4,902	5,606	7,186	8,289	8,747	8,866	9,043	9,116	9,073	8,699	8,634	8,513	8,535	8,658
Missouri .....	3,828	5,389	7,779	8,868	9,947	10,089	10,517	10,926	10,871	10,883	10,384	10,144	10,176	10,263	10,490
Montana .....	4,674	7,075	8,103	9,050	10,296	10,519	10,926	11,217	11,440	11,229	11,765	11,270	11,183	11,299	11,358
Nebraska .....	4,495	6,328	8,701	9,579	11,132	11,370	11,968	12,110	12,260	12,695	12,846	12,254	12,316	12,266	12,481
Nevada .....	4,533	5,964	7,292	8,256	8,613	8,752	9,267	9,384	9,406	9,378	9,232	8,669	8,418	8,546	8,664
New Hampshire .....	4,279	5,414	9,146	9,833	12,369	12,677	13,119	13,698	14,224	14,635	14,870	14,688	14,736	15,078	15,347
New Jersey .....	5,934	8,831	14,420	14,817	17,870	18,235	19,213	20,196	19,187	19,457	18,499	19,174	19,428	19,994	19,028
New Mexico .....	4,272	5,847	6,585	8,350	9,917	10,187	10,519	10,649	10,907	10,711	10,152	9,611	9,611	9,711	9,969
New York .....	7,672	9,222	13,474	14,113	17,346	17,822	18,480	19,250	20,061	20,340	20,697	20,682	20,484	20,815	21,268
North Carolina .....	3,664	5,112	7,609	8,665	9,885	9,019	9,364	9,838	9,567	9,208	9,073	8,701	8,749	8,558	8,745
North Dakota .....	4,255	6,068	7,452	8,123	10,480	10,643	10,307	10,687	11,081	11,777	11,962	11,991	12,182	12,788	13,210
Ohio .....	4,346	5,921	8,659	10,126	11,811	11,818	11,812	11,851	12,061	12,566	12,507	12,074	11,827	11,809	12,026
Oklahoma .....	3,557	5,656	6,293	7,732	8,368	8,465	8,832	8,806	8,905	8,878	8,376	8,278	8,301	8,256	8,279
Oregon .....	5,417	7,540	9,296	10,247	10,214	10,542	10,648	10,963	10,864	10,376	10,444	10,114	10,039	10,284	10,721
Pennsylvania .....	5,237	7,278	10,964	11,141	12,957	13,076	12,963	13,458	13,904	14,251	14,374	13,960	14,102	14,277	14,769
Rhode Island .....	5,182	7,315	11,291	12,763	14,769	15,375	15,991	16,573	16,639	16,484	16,406	16,179	15,617	15,875	16,196
South Carolina .....	3,644	4,993	7,204	8,786	9,556	9,902	10,112	10,385	10,432	10,166	9,777	9,706	9,905	9,922	10,079
South Dakota .....	4,215	5,566	6,710	8,073	9,448	9,481	9,585	9,783	9,657	10,098	9,803	9,163	9,051	9,332	9,333
Tennessee .....	3,410	4,761	6,507	7,715	8,671	8,541	8,475	8,963	9,035	9,088	9,143	8,902	9,007	8,946	8,998
Texas .....	3,540	5,438	7,328	9,012	9,172	9,122	9,331	9,570	9,679	9,839	9,532	8,757	8,689	8,883	9,310
Utah .....	3,823	4,864	4,925	6,276	6,603	6,663	6,786	6,852	7,475	7,224	7,068	6,730	6,746	6,760	6,922
Vermont .....	5,072	6,033	11,027	11,929	15,155	15,615	16,200	16,530	17,065	17,540	16,142	17,756	18,130	18,657	19,243
Virginia .....	4,204	5,702	8,962	9,806	11,248	11,526	12,142	12,223	12,354	11,861	11,374	11,362	11,495	11,314	11,519
Washington .....	5,480	7,461	8,375	9,139	9,768	9,736	10,132	10,382	10,836	10,633	10,558	10,241	10,189	10,642	10,953
West Virginia .....	3,992	5,465	7,682	10,251	11,423	11,512	11,562	11,530	11,989	13,183	13,146	12,346	11,814	11,743	11,803
Wisconsin .....	5,095	6,954	9,593	11,190	12,348	12,185	12,329	12,369	12,642	12,884	13,113	11,978	11,732	11,716	11,829
Wyoming .....	5,171	7,405	10,012	10,643	12,899	13,946	15,769	15,882	16,536	17,054	17,358	17,048	16,588	16,424	16,453
<b>Other jurisdictions</b>															
American Samoa .....	—	—	3,405	3,926	4,566	4,343	4,138	—	—	—	—	—	—	—	—
Guam .....	4,924	—	7,295	—	—	8,269	—	—	—	—	9,267	9,917	9,386	8,866	9,669
Northern Marianas .....	—	—	6,414	7,339	6,372	6,004	5,595	5,198	6,504	6,354	8,367	6,660	6,013	6,068	—
Puerto Rico .....	—	—	3,068	4,878	6,302	6,670	7,139	7,473	7,862	7,861	8,154	7,893	8,874	8,552	8,101
U.S. Virgin Islands .....	—	—	11,548	9,286	10,617	10,693	11,493	14,165	14,433	15,915	14,516	12,443	11,181	12,088	11,422

—Not available.

<sup>1</sup>Unadjusted (or "current") dollars have not been adjusted to compensate for inflation.

<sup>2</sup>Constant dollars based on the Consumer Price Index (CPI), prepared by the Bureau of Labor Statistics, U.S. Department of Labor, adjusted to a school-year basis. The CPI does not account for differences in inflation rates from state to state.

NOTE: Current expenditures include instruction, support services, food services, and enterprise operations. Expenditures for state administration are excluded in all years except 1969–70 and 1979–80. Beginning in 1989–90, extensive changes were made in the data collection procedures. Some data have been revised from previously published figures.

SOURCE: U.S. Department of Education, National Center for Education Statistics, *Statistics of State School Systems, 1969–70; Revenues and Expenditures for Public Elementary and Secondary Schools, 1979–80; and Common Core of Data (CCD), "National Public Education Financial Survey," 1989–90 through 2014–15.* (This table was prepared October 2017.)

**Table 236.70. Current expenditure per pupil in average daily attendance in public elementary and secondary schools, by state or jurisdiction: Selected years, 1969–70 through 2014–15**

State or jurisdiction	Unadjusted dollars <sup>1</sup>														
	1969–70	1979–80	1989–90	1999–2000	2004–05	2005–06	2006–07	2007–08	2008–09	2009–10	2010–11	2011–12	2012–13	2013–14	2014–15
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
<b>United States</b> .....	<b>\$816</b>	<b>\$2,272</b>	<b>\$4,980</b>	<b>\$7,394</b>	<b>\$9,316</b>	<b>\$9,778</b>	<b>\$10,336</b>	<b>\$10,982</b>	<b>\$11,239</b>	<b>\$11,427</b>	<b>\$11,433</b>	<b>\$11,362</b>	<b>\$11,509</b>	<b>\$11,819</b>	<b>\$12,224</b>
Alabama .....	544	1,612	3,327	5,758	7,309	7,980	8,743	9,345	9,385	9,554	9,296	8,927	9,486	9,543	9,690
Alaska .....	1,123	4,728	8,431	9,668	11,851	12,537	13,508	16,002	16,822	17,350	18,352	19,134	19,982	20,254	22,161
Arizona .....	720	1,971	4,053	5,478	7,218	7,637	8,038	8,630	8,732	8,756	8,646	8,224	8,388	8,278	8,426
Arkansas .....	568	1,574	3,485	5,628	8,243	8,748	9,152	9,460	9,651	10,237	10,332	10,397	9,853	10,622	10,756
California .....	867	2,268	4,391	6,401	7,989	8,416	9,029	9,673	9,439	9,680	9,540	9,608	9,686	10,094	10,924
Colorado .....	738	2,421	4,720	6,702	8,558	8,938	9,110	9,977	9,611	9,747	9,709	9,415	9,572	9,924	10,349
Connecticut .....	951	2,420	7,837	10,122	12,655	13,461	14,143	15,063	15,840	16,133	16,932	17,472	17,859	19,029	19,731
Delaware .....	900	2,861	5,799	8,809	11,770	12,330	12,612	12,789	12,753	12,928	13,228	14,253	14,129	14,203	14,556
District of Columbia .....	1,018	3,259	8,955	11,935	15,074	17,877	18,285	20,807	19,766	21,283	21,304	20,399	20,333	21,629	21,362
Florida .....	732	1,889	4,997	6,383	7,731	8,376	9,055	9,711	9,452	9,363	9,394	8,825	8,925	9,189	9,295
Georgia .....	588	1,625	4,275	6,903	8,577	9,164	9,615	10,263	10,178	9,855	9,577	9,492	9,437	9,529	9,809
Hawaii .....	841	2,322	4,448	7,090	9,705	10,747	12,364	12,774	13,397	12,887	12,603	12,735	13,257	13,219	13,849
Idaho .....	603	1,659	3,078	5,644	6,698	6,861	7,074	7,402	7,567	7,481	7,155	7,041	7,273	7,215	7,409
Illinois .....	909	2,587	5,118	8,084	10,020	10,282	10,816	11,624	12,489	13,083	13,180	13,459	13,808	14,682	15,473
Indiana .....	728	1,882	4,606	7,652	9,640	9,558	9,727	9,569	9,946	10,160	9,924	10,220	10,037	10,078	10,202
Iowa .....	844	2,326	4,453	6,925	8,341	8,460	8,789	9,128	10,482	10,524	10,565	10,748	10,915	11,359	11,698
Kansas .....	771	2,173	4,752	6,962	9,037	9,905	10,280	11,065	11,485	10,859	10,700	10,712	10,789	11,180	11,106
Kentucky .....	545	1,701	3,745	6,784	8,379	8,975	9,303	9,940	10,054	10,376	10,469	10,700	10,269	10,248	10,659
Louisiana .....	648	1,792	3,903	6,256	8,288	8,568	9,650	10,797	11,410	11,492	11,500	11,352	11,118	11,415	11,697
Maine .....	692	1,824	5,373	8,247	11,153	11,760	12,628	13,177	13,558	14,090	14,406	14,000	14,347	14,926	15,839
Maryland .....	918	2,598	6,275	8,273	10,790	11,719	12,836	14,122	14,612	14,937	14,876	14,746	15,010	15,109	15,403
Massachusetts .....	859	2,819	6,237	9,375	12,208	12,629	13,263	14,373	15,249	14,632	15,334	15,607	16,111	16,646	17,311
Michigan .....	904	2,640	5,546	8,886	10,328	10,598	10,932	11,155	11,493	11,661	11,560	11,462	11,495	11,678	12,048
Minnesota .....	904	2,387	4,971	7,499	9,273	9,761	10,185	10,663	11,602	11,366	11,368	11,424	11,754	12,140	12,707
Mississippi .....	501	1,664	3,094	5,356	6,994	7,699	7,968	8,448	8,610	8,670	8,436	8,623	8,685	8,926	9,129
Missouri .....	709	1,936	4,507	6,764	8,360	8,834	9,266	10,007	10,341	10,468	10,348	10,370	10,555	10,764	11,079
Montana .....	782	2,476	4,736	6,990	9,108	9,653	10,244	10,541	10,881	11,463	11,599	11,290	11,493	11,840	11,999
Nebraska .....	736	2,150	4,842	7,360	9,638	10,170	10,711	11,217	11,457	11,920	12,324	12,114	12,374	12,502	12,825
Nevada .....	769	2,088	4,117	6,148	7,198	7,720	8,372	8,891	8,865	8,869	9,035	8,677	8,525	8,734	8,939
New Hampshire .....	723	1,916	5,304	7,082	10,043	10,698	11,347	12,280	12,912	13,424	13,964	14,215	14,463	15,013	15,380
New Jersey .....	1,016	3,191	8,139	10,903	14,666	15,362	16,650	18,174	17,466	18,060	17,654	18,197	19,020	19,282	19,296
New Mexico .....	707	2,034	3,515	5,835	7,933	8,426	8,876	9,377	9,727	9,716	9,356	9,069	9,230	9,546	9,891
New York .....	1,327	3,462	8,062	10,957	15,054	16,095	17,182	18,423	19,373	19,965	20,517	20,881	21,172	22,048	22,771
North Carolina .....	612	1,754	4,290	6,505	7,628	7,940	8,373	8,415	9,167	8,930	8,943	8,828	9,041	8,948	9,245
North Dakota .....	690	1,920	4,189	6,078	8,776	9,239	9,203	9,637	10,113	10,976	11,356	11,643	12,090	12,952	13,552
Ohio .....	730	2,075	5,045	7,816	9,984	10,306	10,792	11,374	11,905	12,307	12,484	12,271	12,284	12,447	12,285
Oklahoma .....	604	1,926	3,508	5,770	7,086	7,449	7,968	8,270	8,423	8,511	8,165	8,281	8,450	8,526	8,633
Oregon .....	925	2,692	5,474	8,129	8,799	9,294	9,762	10,487	10,673	10,476	10,497	10,386	10,370	10,739	11,356
Pennsylvania .....	882	2,535	6,228	8,380	11,014	11,530	11,995	12,493	12,989	13,678	14,072	13,973	14,378	14,789	15,405
Rhode Island .....	891	2,601	6,368	9,646	12,685	13,917	14,674	15,843	16,211	16,243	16,346	16,498	16,187	16,702	17,151
South Carolina .....	613	1,752	4,082	6,545	8,302	8,795	9,226	9,823	10,007	9,887	9,735	9,823	10,200	10,408	10,670
South Dakota .....	690	1,908	3,731	6,037	7,960	8,273	8,506	9,047	9,457	9,683	9,431	9,095	9,138	9,539	9,637
Tennessee .....	566	1,635	3,664	5,837	7,426	7,580	7,843	8,459	8,676	8,810	9,146	9,235	9,370	9,431	9,549
Texas .....	624	1,916	4,150	6,771	7,814	8,085	8,484	9,029	9,260	9,528	9,418	8,862	8,951	9,273	9,789
Utah .....	626	1,657	2,764	4,692	5,654	5,809	6,116	6,841	7,081	6,877	6,851	6,787	7,023	7,156	7,375
Vermont .....	807	1,997	6,227	8,799	12,579	13,377	14,219	15,089	16,073	16,586	16,661	17,575	18,372	19,032	19,793
Virginia .....	708	1,970	4,672	6,491	9,441	10,046	10,913	11,410	11,696	11,383	11,123	11,385	11,748	11,810	11,810
Washington .....	915	2,568	4,702	6,914	8,362	8,702	9,233	9,846	10,423	10,242	10,413	10,553	11,199	11,648	11,648
West Virginia .....	670	1,920	4,360	7,637	9,321	9,756	10,080	10,605	11,122	12,378	12,505	11,982	11,665	11,800	12,414
Wisconsin .....	883	2,477	5,524	8,299	10,141	10,484	10,813	11,370	11,773	12,194	12,515	11,750	11,768	11,963	12,227
Wyoming .....	856	2,527	5,577	7,944	11,087	12,415	14,219	14,936	15,658	16,535	17,126	17,228	17,135	17,165	17,445
<b>Other jurisdictions</b> .....															
American Samoa .....	—	—	1,908	2,807	3,801	3,842	3,909	4,309	4,468	4,881	4,877	5,154	4,870	5,504	5,120
Guam .....	820	—	4,234	—	—	7,095	7,450	8,084	8,264	8,393	9,280	10,112	9,431	9,914	10,120
Northern Marianas .....	—	—	3,007	5,720	5,669	5,307	5,356	5,162	6,397	6,284	6,495	7,068	6,381	6,548	6,921
Puerto Rico .....	—	—	1,750	3,859	5,304	5,897	6,152	6,937	7,329	7,426	8,560	7,798	8,701	8,822	8,025
U.S. Virgin Islands .....	—	—	6,767	7,238	8,698	9,637	10,548	12,358	12,768	14,215	13,014	11,669	10,661	14,372	14,849

See notes at end of table.

**Table 236.70. Current expenditure per pupil in average daily attendance in public elementary and secondary schools, by state or jurisdiction: Selected years, 1969–70 through 2014–15—Continued**

State or jurisdiction	Constant 2016–17 dollars <sup>2</sup>														
	1969–70	1979–80	1989–90	1999–2000	2004–05	2005–06	2006–07	2007–08	2008–09	2009–10	2010–11	2011–12	2012–13	2013–14	2014–15
1	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
<b>United States</b> .....	<b>\$5,242</b>	<b>\$7,101</b>	<b>\$9,516</b>	<b>\$10,598</b>	<b>\$11,793</b>	<b>\$11,924</b>	<b>\$12,286</b>	<b>\$12,588</b>	<b>\$12,704</b>	<b>\$12,794</b>	<b>\$12,549</b>	<b>\$12,116</b>	<b>\$12,072</b>	<b>\$12,206</b>	<b>\$12,533</b>
Alabama .....	3,494	5,038	6,358	8,254	9,252	9,731	10,392	10,711	10,609	10,696	10,203	9,519	9,950	9,855	9,935
Alaska .....	7,211	14,777	16,112	13,858	15,002	15,288	16,057	18,342	19,016	19,425	20,142	20,403	20,959	20,917	22,721
Arizona .....	4,626	6,160	7,746	7,852	9,137	9,554	9,892	9,871	9,803	9,489	8,770	8,770	8,798	8,549	8,639
Arkansas .....	3,646	4,921	6,660	8,067	10,435	10,668	10,879	10,844	10,909	11,461	11,340	11,086	10,334	10,970	11,028
California .....	5,571	7,088	8,391	9,174	10,112	10,263	10,733	11,087	10,670	10,838	10,471	10,245	10,159	10,424	11,200
Colorado .....	4,740	7,567	9,021	9,606	10,833	10,900	10,829	11,436	10,864	10,913	10,656	10,040	10,040	10,249	10,611
Connecticut .....	6,111	7,565	14,977	14,508	16,020	16,415	16,812	17,266	17,906	18,062	18,583	18,631	18,732	19,652	20,230
Delaware .....	5,782	8,943	11,082	12,626	14,899	15,036	14,992	14,659	14,416	14,474	14,519	15,198	14,819	14,668	14,924
District of Columbia .....	6,541	10,187	17,113	17,107	19,082	21,799	21,735	23,849	22,344	23,829	23,382	21,752	21,327	22,337	21,901
Florida .....	4,704	5,905	9,550	9,149	9,786	10,214	10,764	11,131	10,685	10,483	10,310	9,410	9,361	9,490	9,530
Georgia .....	3,777	5,080	8,169	9,895	10,857	11,174	11,429	11,764	11,505	11,034	10,511	10,121	9,898	9,841	10,057
Hawaii .....	5,399	7,257	8,501	10,163	12,285	13,105	14,692	14,642	15,144	12,828	13,580	13,199	13,552	14,198	14,998
Idaho .....	3,875	5,186	5,881	8,090	8,479	8,367	8,409	8,485	8,554	8,376	7,853	7,508	7,628	7,451	7,596
Illinois .....	5,842	8,085	9,780	11,587	12,684	12,539	12,857	13,324	14,118	14,648	14,352	14,352	14,483	15,162	15,864
Indiana .....	4,676	5,884	8,803	10,968	12,202	11,655	11,562	10,968	11,243	11,375	10,892	10,898	10,527	10,408	10,459
Iowa .....	5,423	7,272	8,509	9,926	10,559	10,316	10,447	10,462	11,849	11,782	11,596	11,461	11,448	11,730	11,994
Kansas .....	4,953	6,792	9,081	9,979	11,439	12,079	12,219	12,683	12,984	12,158	11,744	11,423	11,316	11,546	11,386
Kentucky .....	3,502	5,317	7,157	9,724	10,606	10,944	11,058	11,393	11,365	11,617	11,490	11,410	10,771	10,583	10,928
Louisiana .....	4,163	5,601	7,460	8,967	10,491	10,448	11,471	12,375	12,898	12,866	12,622	12,104	11,661	11,789	11,993
Maine .....	4,448	5,700	10,268	11,821	14,118	14,340	15,011	15,104	15,327	15,775	15,811	14,929	15,048	15,415	16,239
Maryland .....	5,899	8,120	11,993	11,858	13,659	14,290	15,257	16,187	16,518	16,724	16,327	15,724	15,744	15,604	15,792
Massachusetts .....	5,518	8,812	11,920	13,438	15,454	15,400	15,765	16,475	17,238	16,382	16,830	16,642	16,898	17,191	17,748
Michigan .....	5,807	8,253	10,599	12,737	13,074	12,924	12,995	12,786	12,992	13,056	12,688	12,222	12,056	12,060	12,353
Minnesota .....	5,804	7,460	9,499	10,749	11,738	11,902	12,107	12,223	13,115	12,725	12,477	12,182	12,329	12,538	13,028
Mississippi .....	3,217	5,200	5,912	7,676	8,853	9,389	9,495	9,683	9,732	9,707	9,259	9,195	9,109	9,218	9,360
Missouri .....	4,551	6,052	8,613	9,695	10,582	10,773	11,014	11,470	11,690	11,720	11,357	11,057	11,071	11,116	11,359
Montana .....	5,022	7,741	9,052	10,019	11,530	11,771	12,176	12,082	12,300	12,834	12,730	12,038	12,054	12,228	12,302
Nebraska .....	4,730	6,720	9,253	10,549	12,201	12,401	12,732	12,657	12,951	13,346	13,526	12,917	12,978	12,911	13,149
Nevada .....	4,943	6,527	7,868	8,812	9,112	9,414	9,952	10,191	10,021	9,930	9,917	9,252	8,941	9,020	9,165
New Hampshire .....	4,644	5,988	10,136	10,152	12,714	13,046	13,488	14,076	14,596	15,029	15,326	15,158	15,170	15,504	15,768
New Jersey .....	6,528	9,975	15,554	15,627	18,565	18,733	19,791	20,831	19,744	20,220	19,377	19,404	19,949	19,913	19,783
New Mexico .....	4,542	6,357	6,717	8,363	10,041	10,275	10,550	10,747	10,996	10,878	10,269	9,670	9,681	9,859	10,141
New York .....	8,523	10,822	15,406	15,705	19,057	19,626	20,423	21,117	21,899	22,353	22,518	22,266	22,207	22,770	23,347
North Carolina .....	3,933	5,483	8,199	9,324	9,656	9,683	9,953	9,645	10,363	9,998	9,815	9,414	9,483	9,241	9,479
North Dakota .....	4,430	6,002	8,006	8,712	11,109	11,266	10,940	11,046	11,432	12,289	12,464	12,416	12,681	13,376	13,894
Ohio .....	4,689	6,485	9,641	11,204	12,638	12,567	12,828	13,037	13,458	13,779	13,702	13,085	12,885	12,854	12,595
Oklahoma .....	3,883	6,022	6,704	8,270	8,970	9,084	9,472	9,480	9,521	9,529	8,962	8,831	8,863	8,805	8,851
Oregon .....	5,940	8,414	10,462	11,651	11,139	11,333	11,604	12,021	12,065	11,728	11,521	11,075	10,877	11,091	11,643
Pennsylvania .....	5,664	7,923	11,902	12,012	13,943	14,060	14,258	14,319	14,683	15,314	15,445	14,900	15,081	15,273	15,794
Rhode Island .....	5,725	8,130	12,169	13,827	16,058	16,970	17,443	18,159	18,326	18,186	17,940	17,592	16,978	17,248	17,585
South Carolina .....	3,935	5,476	7,800	9,382	10,509	10,725	10,967	11,260	11,312	11,069	10,685	10,474	10,699	10,748	10,940
South Dakota .....	4,432	5,963	7,130	8,653	10,076	10,088	10,111	10,370	10,690	10,841	10,351	9,699	9,584	9,851	9,880
Tennessee .....	3,636	5,112	7,001	8,367	9,400	9,244	9,323	9,695	9,808	9,863	10,038	9,847	9,828	9,740	9,791
Texas .....	4,009	5,988	7,932	9,706	9,892	9,859	10,084	10,349	10,468	10,668	10,337	9,450	9,389	9,576	10,036
Utah .....	4,023	5,178	5,282	6,726	7,157	7,084	7,270	7,841	8,004	7,699	7,519	7,237	7,366	7,391	7,561
Vermont .....	5,185	6,242	11,900	12,613	15,923	16,312	16,902	17,295	18,170	18,570	18,286	18,740	19,270	19,655	20,293
Virginia .....	4,547	6,157	8,928	9,304	11,951	12,251	12,972	13,079	13,222	12,744	12,208	12,140	12,322	12,100	12,109
Washington .....	5,880	8,027	8,986	9,910	10,586	10,612	10,976	11,285	11,782	11,467	11,417	11,103	11,068	11,566	11,942
West Virginia .....	4,304	6,002	8,333	10,946	11,799	11,897	11,983	12,155	12,572	13,859	13,725	12,776	12,235	12,186	12,727
Wisconsin .....	5,670	7,742	10,556	11,895	12,837	12,784	12,853	13,033	13,309	13,653	13,736	12,529	12,343	12,355	12,536
Wyoming .....	5,499	7,898	10,659	11,387	14,034	15,139	16,902	17,120	17,700	18,513	18,797	18,371	17,972	17,727	17,886
<b>Other jurisdictions</b> .....															
American Samoa .....	—	—	3,645	4,024	4,812	4,685	4,646	4,939	5,051	5,465	5,353	5,496	5,108	5,684	5,250
Guam .....	5,265	—	8,092	—	—	8,651	8,855	9,266	9,342	9,397	10,186	10,783	9,892	10,239	10,376
Northern Marianas .....	—	—	5,747	8,199	7,177	6,472	6,367	5,916	7,231	7,035	9,324	7,536	6,693	6,762	7,096
Puerto Rico .....	—	—	3,344	5,531	6,714	7,191	7,312	7,952	8,285	8,314	9,395	8,315	9,127	9,110	8,228
U.S. Virgin Islands .....	—	—	12,933	10,374	11,011	11,751	12,538	14,165	14,433	15,915	14,284	12,443	11,181	14,842	15,225

—Not available.

<sup>1</sup>Unadjusted (or “current”) dollars have not been adjusted to compensate for inflation.

<sup>2</sup>Constant dollars based on the Consumer Price Index (CPI), prepared by the Bureau of Labor Statistics, U.S. Department of Labor, adjusted to a school-year basis. The CPI does not account for differences in inflation rates from state to state.

NOTE: Current expenditures include instruction, support services, food services, and enterprise operations. Expenditures for state administration are excluded in all years except 1969–70 and 1979–80. Beginning in 1989–90, extensive changes

were made in the data collection procedures. There are discrepancies in average daily attendance reporting practices from state to state. Some data have been revised from previously published figures.

SOURCE: U.S. Department of Education, National Center for Education Statistics, *Statistics of State School Systems, 1969–70; Revenues and Expenditures for Public Elementary and Secondary Education, 1979–80; and Common Core of Data (CCD), “National Public Education Financial Survey,” 1989–90 through 2014–15.* (This table was prepared October 2017.)

**Table 236.75. Total and current expenditures per pupil in fall enrollment in public elementary and secondary schools, by function and state or jurisdiction: 2014–15**

State or jurisdiction	Current expenditures, capital expenditures, and interest on school debt per pupil															
	Total <sup>1</sup>	Current expenditures												Capital outlay <sup>2</sup>	Interest on school debt	
		Total	Instruction	Support services									Food services			Enterprise operations <sup>3</sup>
				Total	Student support <sup>4</sup>	Instructional staff <sup>5</sup>	General administration	School administration	Operation and maintenance	Student transportation	Other support services					
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	
<b>United States</b> .....	<b>\$12,796</b>	<b>\$11,445</b>	<b>\$6,951</b>	<b>\$4,012</b>	<b>\$644</b>	<b>\$536</b>	<b>\$229</b>	<b>\$632</b>	<b>\$1,078</b>	<b>\$477</b>	<b>\$415</b>	<b>\$459</b>	<b>\$22</b>	<b>\$1,004</b>	<b>\$348</b>	
Alabama .....	10,074	9,146	5,203	3,292	550	389	246	568	867	469	204	651	0	715	213	
Alaska .....	22,651	20,191	11,353	8,193	1,668	1,392	275	1,277	2,278	573	730	567	77	2,160	300	
Arizona .....	8,697	7,590	4,069	3,110	563	387	137	411	933	332	346	410	1	892	215	
Arkansas .....	11,107	9,805	5,503	3,751	516	826	247	510	986	367	297	539	11	1,052	251	
California .....	11,871	10,449	6,212	3,774	577	638	101	683	1,074	233	467	434	28	1,016	406	
Colorado .....	10,815	9,292	5,249	3,658	469	563	152	657	864	268	685	332	53	1,043	480	
Connecticut .....	20,859	19,020	12,026	6,410	1,202	578	420	1,104	1,676	944	486	426	157	1,615	224	
Delaware .....	14,938	13,882	8,576	4,823	605	270	213	873	1,467	681	714	483	0	892	164	
District of Columbia .....	27,333	20,610	11,128	8,713	972	1,113	1,725	1,349	1,595	1,436	522	729	39	5,274	1,449	
Florida .....	9,962	9,113	5,593	3,066	399	588	82	504	905	353	235	453	0	609	240	
Georgia .....	10,675	9,476	5,855	3,070	442	486	116	579	717	433	296	523	29	1,077	122	
Hawaii .....	13,741	12,855	7,554	4,583	1,239	446	70	871	1,268	372	317	717	0	886	0	
Idaho .....	7,688	6,929	4,120	2,445	386	350	169	398	649	320	174	364	0	573	185	
Illinois .....	15,443	13,935	8,598	4,961	944	541	539	700	1,151	614	470	376	0	1,069	439	
Indiana .....	10,795	9,529	5,482	3,589	476	370	216	605	1,098	583	240	459	0	960	306	
Iowa .....	12,864	10,938	6,663	3,777	629	579	280	621	943	397	328	486	11	1,680	246	
Kansas .....	12,744	10,329	6,188	3,644	646	441	284	596	980	425	271	497	0	1,988	426	
Kentucky .....	10,670	9,560	5,501	3,450	455	530	229	560	861	568	246	584	24	841	270	
Louisiana .....	12,454	11,106	6,261	4,243	673	572	286	699	1,037	647	330	600	1	1,193	156	
Maine .....	14,603	13,976	8,212	5,183	932	750	458	748	1,420	700	173	580	2	360	267	
Maryland .....	15,869	14,431	9,014	5,004	678	751	122	965	1,315	759	414	413	0	1,241	197	
Massachusetts .....	17,285	16,450	10,472	5,528	1,194	747	257	710	1,471	735	414	450	0	595	239	
Michigan .....	12,192	10,956	6,299	4,254	844	549	243	606	999	454	560	403	0	716	520	
Minnesota .....	13,898	11,924	7,721	3,650	335	580	443	474	834	666	317	515	38	1,580	394	
Mississippi .....	8,941	8,445	4,801	3,124	434	395	280	510	887	405	213	518	1	383	113	
Missouri .....	11,544	10,231	6,039	3,710	465	464	365	598	1,042	524	253	483	0	965	347	
Montana .....	12,422	11,078	6,518	4,051	735	417	361	607	1,111	531	289	492	16	1,202	142	
Nebraska .....	13,901	12,174	7,774	3,579	539	397	367	568	1,022	368	318	505	315	1,442	286	
Nevada .....	9,229	8,451	4,913	3,211	444	495	113	635	861	341	321	327	0	408	370	
New Hampshire .....	15,870	14,969	9,511	5,081	1,135	467	525	831	1,276	665	182	376	0	678	223	
New Jersey .....	19,897	18,559	11,167	6,836	1,900	599	378	911	1,847	762	439	414	142	895	443	
New Mexico .....	11,315	9,724	5,553	3,697	983	270	216	592	1,008	319	310	467	7	1,591	0	
New York .....	21,836	20,744	14,571	5,756	659	542	345	785	1,041	1,041	604	417	0	715	377	
North Carolina .....	8,986	8,529	5,306	2,753	411	295	147	534	719	365	282	470	0	448	9	
North Dakota .....	15,771	12,884	7,669	4,242	513	444	551	653	1,165	523	391	617	357	2,671	215	
Ohio .....	13,179	11,730	6,856	4,484	782	491	367	673	1,045	567	560	389	1	1,011	438	
Oklahoma .....	9,114	8,075	4,449	3,033	549	337	239	446	865	264	332	511	83	965	74	
Oregon .....	11,894	10,457	6,096	3,977	752	415	144	671	836	475	683	378	6	836	601	
Pennsylvania .....	16,029	14,405	8,857	5,000	780	485	441	645	1,376	728	545	487	60	1,031	594	
Rhode Island .....	16,496	15,797	9,698	5,673	1,624	543	227	746	1,243	652	638	419	6	379	320	
South Carolina .....	11,464	9,831	5,424	3,857	751	609	101	630	977	409	379	523	27	1,167	466	
South Dakota .....	11,010	9,103	5,325	3,225	498	334	317	443	949	332	351	507	45	1,665	242	
Tennessee .....	9,565	8,776	5,394	2,901	380	536	192	529	737	333	195	481	0	542	247	
Texas .....	10,971	9,081	5,253	3,306	442	458	133	513	959	258	543	523	0	1,293	597	
Utah .....	8,079	6,751	4,264	2,092	262	263	67	437	627	207	230	354	41	1,082	245	
Vermont .....	19,587	18,769	11,884	6,330	1,395	786	381	1,186	1,501	654	427	537	19	678	140	
Virginia .....	12,200	11,235	6,839	3,963	568	729	179	665	1,047	596	180	431	2	848	117	
Washington .....	12,565	10,684	6,150	4,075	726	708	216	634	941	411	440	347	112	1,484	397	
West Virginia .....	12,437	11,512	6,584	4,203	568	529	209	621	1,204	856	215	725	0	871	54	
Wisconsin .....	12,726	11,538	6,861	4,247	567	599	326	579	1,082	496	599	430	0	994	194	
Wyoming .....	20,440	16,047	9,551	6,012	938	905	327	871	1,531	803	637	479	6	4,360	33	
<b>Other jurisdictions</b>																
American Samoa .....	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Guam .....	10,163	9,431	4,693	4,159	938	471	106	575	1,086	289	694	579	0	412	320	
Northern Marianas .....	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Puerto Rico .....	8,029	7,902	3,236	3,670	803	662	299	342	934	373	258	995	0	128	0	
U.S. Virgin Islands .....	11,141	11,141	6,634	3,855	970	355	444	604	480	509	493	641	10	0	0	

—Not available.

<sup>1</sup>Excludes "Other current expenditures," such as community services, private school programs, adult education, and other programs not allocable to expenditures per pupil in public schools.

<sup>2</sup>Includes expenditures for property and for buildings and alterations completed by school district staff or contractors.

<sup>3</sup>Includes expenditures for operations funded by sales of products or services (e.g., school bookstore or computer time).

<sup>4</sup>Includes expenditures for guidance, health, attendance, and speech pathology services.

<sup>5</sup>Includes expenditures for curriculum development, staff training, libraries, and media and computer centers.

NOTE: Excludes expenditures for state education agencies. "0" indicates none or less than \$0.50. Detail may not sum to totals because of rounding.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Common Core of Data (CCD), "National Public Education Financial Survey," 2014–15. (This table was prepared October 2017.)

**Table 236.90. Students transported at public expense and current expenditures for transportation: Selected years, 1929–30 through 2014–15**

School year	Average daily attendance, all students	Students transported at public expense		Expenditures for transportation (in unadjusted dollars) <sup>1</sup>		Expenditures for transportation (in constant 2016–17 dollars) <sup>2</sup>	
		Number	Percent of total	Total <sup>3</sup> (in thousands)	Average per student transported	Total <sup>3</sup> (in thousands)	Average per student transported
1	2	3	4	5	6	7	8
1929–30 .....	21,265,000	1,902,826	8.9	\$54,823	\$29	\$777,188	\$408
1931–32 .....	22,245,000	2,419,173	10.9	58,078	24	977,525	404
1933–34 .....	22,458,000	2,794,724	12.4	53,908	19	987,849	353
1935–36 .....	22,299,000	3,250,658	14.6	62,653	19	1,106,326	340
1937–38 .....	22,298,000	3,769,242	16.9	75,637	20	1,281,241	340
1939–40 .....	22,042,000	4,144,161	18.8	83,283	20	1,446,091	349
1941–42 .....	21,031,000	4,503,081	21.4	92,922	21	1,446,131	321
1943–44 .....	19,603,000	4,512,412	23.0	107,754	24	1,500,554	333
1945–46 .....	19,849,000	5,056,966	25.5	129,756	26	1,726,021	341
1947–48 .....	20,910,000	5,854,041	28.0	176,265	30	1,835,698	314
1949–50 .....	22,284,000	6,947,384	31.2	214,504	31	2,197,808	316
1951–52 .....	23,257,000	7,697,130	33.1	268,827	35	2,481,927	322
1953–54 .....	25,643,871	8,411,719	32.8	307,437	37	2,774,112	330
1955–56 .....	27,740,149	9,695,819	35.0	353,972	37	3,195,083	330
1957–58 .....	29,722,275	10,861,689	36.5	416,491	38	3,538,905	326
1959–60 .....	32,477,440	12,225,142	37.6	486,338	40	4,016,364	329
1961–62 .....	34,682,340	13,222,667	38.1	576,361	44	4,652,920	352
1963–64 .....	37,405,058	14,475,778	38.7	673,845	47	5,301,619	366
1965–66 .....	39,154,497	15,536,567	39.7	787,358	51	5,987,750	385
1967–68 .....	40,827,965	17,130,873	42.0	981,006	57	6,999,735	409
1969–70 .....	41,934,376	18,198,577	43.4	1,218,557	67	7,827,668	430
1971–72 .....	42,254,272	19,474,355	46.1	1,507,830	77	8,891,470	457
1973–74 .....	41,438,054	21,347,039	51.5	1,858,141	87	9,670,543	453
1975–76 .....	41,269,720	21,772,483	52.8	2,377,313	109	10,401,912	478
1977–78 .....	40,079,590	21,800,000 <sup>4</sup>	54.4	2,731,041	125 <sup>4</sup>	10,580,740	485 <sup>4</sup>
1979–80 .....	38,288,911	21,713,515	56.7	3,833,145	177	11,981,189	552
1980–81 .....	37,703,744	22,272,000 <sup>4</sup>	59.1	4,408,000 <sup>4</sup>	198 <sup>4</sup>	12,347,794 <sup>4</sup>	554 <sup>4</sup>
1981–82 .....	37,094,652	22,246,000 <sup>4</sup>	60.0	4,793,000 <sup>4</sup>	215 <sup>4</sup>	12,358,675 <sup>4</sup>	556 <sup>4</sup>
1982–83 .....	36,635,868	22,199,000 <sup>4</sup>	60.6	5,000,000 <sup>4</sup>	225 <sup>4</sup>	12,361,488 <sup>4</sup>	557 <sup>4</sup>
1983–84 .....	36,362,978	22,031,000 <sup>4</sup>	60.6	5,284,000 <sup>4</sup>	240 <sup>4</sup>	12,597,333 <sup>4</sup>	572 <sup>4</sup>
1984–85 .....	36,404,261	22,320,000 <sup>4</sup>	61.3	5,722,000 <sup>4</sup>	256 <sup>4</sup>	13,127,702 <sup>4</sup>	588 <sup>4</sup>
1985–86 .....	36,523,103	22,041,000 <sup>4</sup>	60.3	6,123,000 <sup>4</sup>	278 <sup>4</sup>	13,653,957 <sup>4</sup>	619 <sup>4</sup>
1986–87 .....	36,863,867	22,397,000 <sup>4</sup>	60.8	6,551,000 <sup>4</sup>	292 <sup>4</sup>	14,291,078 <sup>4</sup>	638 <sup>4</sup>
1987–88 .....	37,050,707	22,158,000 <sup>4</sup>	59.8	6,888,000 <sup>4</sup>	311 <sup>4</sup>	14,428,398 <sup>4</sup>	651 <sup>4</sup>
1988–89 .....	37,268,072	22,635,000 <sup>4</sup>	60.7	7,550,000 <sup>4</sup>	334 <sup>4</sup>	15,116,945 <sup>4</sup>	668 <sup>4</sup>
1989–90 .....	37,799,296	22,459,000 <sup>4</sup>	59.4	8,030,990	358 <sup>4</sup>	15,347,651	683 <sup>4</sup>
1990–91 .....	38,426,543	22,000,000 <sup>4</sup>	57.3	8,678,954	394 <sup>4</sup>	15,726,161	715 <sup>4</sup>
1991–92 .....	38,960,783	23,165,000 <sup>4</sup>	59.5	8,769,754	379 <sup>4</sup>	15,397,324	665 <sup>4</sup>
1992–93 .....	39,570,462	23,439,000 <sup>4</sup>	59.2	9,252,300	395 <sup>4</sup>	15,752,508	672 <sup>4</sup>
1993–94 .....	40,146,393	23,858,000 <sup>4</sup>	59.4	9,627,155	404 <sup>4</sup>	15,976,849	670 <sup>4</sup>
1994–95 .....	40,720,763	23,693,000 <sup>4</sup>	58.2	9,889,034	417 <sup>4</sup>	15,954,160	673 <sup>4</sup>
1995–96 .....	41,501,596	24,155,000 <sup>4</sup>	58.2	10,396,426	430 <sup>4</sup>	16,328,512	676 <sup>4</sup>
1996–97 .....	42,262,004	24,090,000 <sup>4</sup>	57.0	10,989,809	456 <sup>4</sup>	16,781,679	697 <sup>4</sup>
1997–98 .....	42,765,774	24,342,000 <sup>4</sup>	56.9	11,465,658	471 <sup>4</sup>	17,201,535	707 <sup>4</sup>
1998–99 .....	43,186,715	24,898,000 <sup>4</sup>	57.7	12,224,454	491 <sup>4</sup>	18,027,842	724 <sup>4</sup>
1999–2000 .....	43,806,726	24,951,000 <sup>4</sup>	57.0	13,007,625	521 <sup>4</sup>	18,644,581	747 <sup>4</sup>
2000–01 .....	44,075,930	24,471,000 <sup>4</sup>	55.5	14,052,654	574 <sup>4</sup>	19,475,252	796 <sup>4</sup>
2001–02 .....	44,604,592	24,529,000 <sup>5</sup>	55.0	14,799,365	603 <sup>5</sup>	20,153,289	822 <sup>5</sup>
2002–03 .....	45,017,360	24,621,000 <sup>5</sup>	54.7	15,648,821	636 <sup>5</sup>	20,851,803	847 <sup>5</sup>
2003–04 .....	45,325,731	25,159,000 <sup>5</sup>	55.5	16,348,784	650 <sup>5</sup>	21,318,114	847 <sup>5</sup>
2004–05 .....	45,625,458	25,318,000 <sup>5</sup>	55.5	17,459,659	690 <sup>5</sup>	22,101,553	873 <sup>5</sup>
2005–06 .....	45,931,617	25,252,000 <sup>5</sup>	55.0	18,850,234	746 <sup>5</sup>	22,986,464	910 <sup>5</sup>
2006–07 .....	46,132,663	25,285,000 <sup>5</sup>	54.8	19,979,068	790 <sup>5</sup>	23,748,840	939 <sup>5</sup>
2007–08 .....	46,155,880	25,221,000 <sup>5</sup>	54.6	21,536,978	854 <sup>4</sup>	24,686,006	979 <sup>4</sup>
2008–09 .....	46,173,477	—	—	21,679,876	860 <sup>4</sup>	24,507,598	972 <sup>4</sup>
2009–10 .....	45,919,206	—	—	21,819,304	870 <sup>4</sup>	24,428,842	974 <sup>4</sup>
2010–11 .....	46,118,737	—	—	22,370,807	888 <sup>4</sup>	24,553,278	975 <sup>4</sup>
2011–12 .....	46,400,465	—	—	22,926,700	905 <sup>4</sup>	24,447,086	965 <sup>4</sup>
2012–13 .....	46,553,754	—	—	23,237,941	914 <sup>4</sup>	24,373,361	959 <sup>4</sup>
2013–14 .....	46,829,716	—	—	23,845,036	933 <sup>4</sup>	24,625,440	963 <sup>4</sup>
2014–15 .....	47,064,337	—	—	23,961,692	932 <sup>4</sup>	24,567,019	956 <sup>4</sup>

—Not available.

<sup>1</sup>Unadjusted (or "current") dollars have not been adjusted to compensate for inflation.  
<sup>2</sup>Constant dollars based on the Consumer Price Index, prepared by the Bureau of Labor Statistics, U.S. Department of Labor, adjusted to a school-year basis.

<sup>3</sup>Excludes capital outlay for years through 1979–80, and 1989–90 to the latest year. From 1980–81 to 1988–89, total transportation figures include capital outlay.

<sup>4</sup>Estimate based on data appearing in January issues of *School Bus Fleet*.

<sup>5</sup>Estimate based on data reported by *School Transportation News*.

NOTE: Some data have been revised from previously published figures.

SOURCE: U.S. Department of Education, National Center for Education Statistics, *Statistics of State School Systems, 1929–30 through 1975–76; Revenues and Expenditures for Public Elementary and Secondary Education, 1977–78 and 1979–80; Common Core of Data (CCD), "National Public Education Financial Survey," 1987–88 through 2014–15; Bobit Publishing Co., School Bus Fleet, "School Transportation: 2000–2001 School Year" and "2010 Fact Book"; School Transportation News, "K–12 Enrollment/Transportation Data," 2001–02 through 2007–08; and unpublished data. (This table was prepared October 2017.)*

## CHAPTER 3

# Postsecondary Education

Postsecondary education includes academic, career and technical, and continuing professional education programs after high school. American colleges and universities and career/technical institutions offer a diverse array of postsecondary educational experiences. For example, a community college normally offers the first 2 years of a standard college curriculum as well as a selection of terminal career and technical education programs. A university typically offers a full undergraduate course of study leading to a bachelor's degree, as well as programs leading to advanced degrees. A specialized career/technical institution offers training programs of varying lengths that are designed to prepare students for specific careers.

This chapter provides an overview of the latest statistics on postsecondary education, including data on various types of postsecondary institutions and programs. However, to maintain comparability over time, most of the data in the *Digest* are for degree-granting institutions, which are defined as postsecondary institutions that grant an associate's or higher degree and whose students are eligible to participate in Title IV federal financial aid programs.<sup>1</sup> Degree-granting institutions include almost all 2- and 4-year colleges and universities; they exclude institutions offering only career and technical programs of less than 2 years' duration and continuing education programs. The degree-granting institution classification currently used by the National Center for Education Statistics (NCES) includes approximately the same set of institutions as the higher education institution classification that was used by NCES prior to 1996–97.<sup>2</sup> This chapter highlights historical data that enable the reader to observe long-range trends in college education in America.

Other chapters provide related information on postsecondary education. Data on price indexes and on the

number of degrees held by the general population are shown in chapter 1. Chapter 4 contains tabulations on federal funding for postsecondary education. Information on employment outcomes for college graduates is shown in chapter 5. Chapter 7 contains data on college libraries. Further information on survey methodologies is presented in Appendix A: Guide to Sources and in the publications cited in the table source notes. See chapter 5 for information on adults' participation in nonpostsecondary education, such as adult secondary education classes (e.g., to prepare for the GED test) or English as a Second Language (ESL) classes.

## Enrollment

Fall enrollment in degree-granting postsecondary institutions increased 24 percent between 1996 and 2006 (table 303.10 and figure 12). Fall enrollment in degree-granting postsecondary institutions was 12 percent higher in 2016 (19.8 million) than in 2006 (17.8 million). The overall increase between 2006 and 2016 reflects an increase of 18 percent between 2006 and 2010, followed by a decrease of 6 percent between 2010 and 2016. Similarly, the number of full-time students rose 19 percent from 2006 to 2010, and then fell 7 percent from 2010 to 2016. The number of part-time students rose 18 percent from 2006 to 2011, and then fell 4 percent from 2011 to 2016, for an overall increase of 13 percent between 2006 and 2016. The number of female students was 10 percent higher in 2016 than in 2006, while the number of male students was 14 percent higher. Although male enrollment increased by a larger percentage than female enrollment between 2006 and 2016, the majority (56 percent) of students in 2016 were female. Male and female enrollments were both higher in 2016 than in 2006, but there were increases during the first part of this period followed by smaller decreases during the most recent part of the period (a decrease of 5 percent for males from 2010 to 2016 and a decrease of 6 percent for females). In addition to enrollment in degree-granting institutions, about 383,000 students attended non-degree-granting, Title IV eligible, postsecondary institutions in fall 2016 (table 303.20). These institutions are postsecondary institutions that do not award associate's or higher degrees; they include, for example, institutions that offer only career and technical programs of less than 2 years' duration.

Enrollment trends can be affected both by changes in population and by changing rates of enrollment. Between 2006 and 2016, the number of 18- to 24-year-olds in the

<sup>1</sup> Title IV programs, which are administered by the U.S. Department of Education, provide financial aid to postsecondary students.

<sup>2</sup> Included in the current degree-granting classification are some institutions (primarily 2-year colleges) that were not previously designated as higher education institutions. Excluded from the current degree-granting classification are a few institutions that were previously designated as higher education institutions even though they did not award an associate's or higher degree. The former higher education classification was defined as including institutions that were accredited by an agency or association that was recognized by the U.S. Department of Education, or recognized directly by the Secretary of Education. The former higher education institutions offered courses that led to an associate's or higher degree, or were accepted for credit towards a degree.

population rose from 29.6 million to 30.8 million, an increase of 4 percent (table 101.10). The percentage of 18- to 24-year-olds enrolled in degree-granting postsecondary institutions was 41 percent in 2016, which was higher than the percentage in 2006 (37 percent) (table 302.60). For male 18- to 24-year-olds, the enrollment rate was higher in 2016 (39 percent) than in 2006 (34 percent). The comparable enrollment rate for females (44 percent) was also higher than in 2006 (41 percent). The enrollment rate for Hispanic 18- to 24-year-olds rose from 24 percent in 2006 to 39 percent in 2016. In 2016, the enrollment rate for Whites in the same age group was 42 percent, and the enrollment rate for Blacks was 36 percent; neither of these rates was measurably different from the corresponding rate in 2006.

Like enrollment in degree-granting institutions for the United States as a whole, the number of students enrolled in degree-granting institutions located within individual states generally has been lower in recent years (table 304.10 and figure 13). Overall, fall enrollment in degree-granting institutions declined 6 percent between 2011 and 2016. Similarly, fall 2016 enrollment was lower than fall 2011 enrollment in the majority of states (44). The largest declines were in Iowa (-28 percent) and Arizona (-24 percent). In contrast, enrollment was higher in 2016 than in 2011 in six states and the District of Columbia. The largest increases were in New Hampshire (72 percent), followed by Idaho (37 percent), Utah (18 percent), and Delaware (8 percent). The enrollment declines in Iowa and Arizona between 2011 and 2016 resulted primarily from declines among private for-profit institutions, while the enrollment increases in New Hampshire, Idaho, Utah, and Delaware during the same period resulted primarily from increases among private nonprofit institutions.<sup>3</sup>

Between fall 2006 and fall 2016, the percentage increase in the number of students enrolled in degree-granting institutions was higher for students under age 25 than for older students; and this pattern is expected to continue in the coming years (table 303.40 and figure 14). The enrollment of students under age 25 increased by 13 percent from 2006 to 2016, while the enrollment of those age 25 and over was 11 percent higher in 2016 than in 2006. From 2016 to 2027, NCES projects the increase for students under age 25 to be 5 percent, compared with 1 percent for students age 25 and over.

Enrollment trends have differed at the undergraduate and postbaccalaureate levels. Undergraduate enrollment increased 47 percent between fall 1970 and fall 1983, when it reached 10.8 million (table 303.70). Undergraduate enrollment dipped to 10.6 million in 1984 and 1985, but then increased each year from 1985 to 1992, rising 18 percent before stabilizing between 1992 and 1998.

Undergraduate enrollment was 11 percent higher in 2016 (16.9 million) than in 2006 (15.2 million). This overall change reflects a 19 percent increase in undergraduate enrollment between 2006 and 2010 (when undergraduate enrollment reached 18.1 million), followed by a 7 percent decrease between 2010 and 2016. Postbaccalaureate enrollment increased 34 percent between 1970 and 1984, with most of this increase occurring in the early and mid-1970s (table 303.80). Postbaccalaureate enrollment increased from 1985 to 2016, rising a total of 80 percent. During the last decade of this period, between 2006 and 2016, postbaccalaureate enrollment rose 15 percent, from 2.6 million to 3.0 million. Unlike undergraduate enrollment, which was lower in 2016 than in 2010, postbaccalaureate enrollment was higher in 2016 than in 2010.

Since fall 1988, the number of female students in postbaccalaureate programs has exceeded the number of male students (table 303.80). Between 2006 and 2016, the number of full-time male postbaccalaureate students increased by 22 percent, compared with a 23 percent increase in the number of full-time female postbaccalaureate students. Among part-time postbaccalaureate students, the number of males enrolled in 2016 was 6 percent higher than in 2006, while the number of females was 8 percent higher.

Nineteen percent of undergraduates in 2015–16 reported having a disability (table 311.10). In 2015–16, the percentage of undergraduates who reported having a disability was 19 percent for male students and 20 percent for female students. There were some differences in the percentages of undergraduates with disabilities by characteristics such as veteran status, age, dependency status, and race/ethnicity. For example, 26 percent of undergraduates who were veterans reported having a disability, compared with 19 percent of undergraduates who were not veterans. The percentage of undergraduates having a disability was higher among those age 30 and over (23 percent) than among 15- to 23-year-olds (18 percent). Among dependent undergraduates, 17 percent reported having a disability, which was lower than the percentages for independent undergraduates who were married (21 percent) or unmarried (24 percent). A lower percentage of Asian undergraduates (15 percent) had a disability compared to White, Hispanic, and Black students (21, 18, and 17 percent, respectively). The percentage of postbaccalaureate students who reported having a disability in 2015–16 (12 percent) was lower than the percentage for undergraduates (19 percent).

The percentage of American college students who are Hispanic, Asian/Pacific Islander, and Black has been increasing (table 306.10). From fall 1976 to fall 2016, the percentage of Hispanic students rose from 4 percent to 18 percent of all U.S. residents enrolled in degree-granting postsecondary institutions, and the percentage of Asian/Pacific Islander students rose from 2 percent to 7 percent. The percentage of Black students increased from 10 percent in 1976 to 14 percent in 2016, but the 2016 percentage reflects a decrease since 2011, when Black students made

<sup>3</sup> For 2011 state-level data on enrollment in private nonprofit and for-profit institutions, see *Digest of Education Statistics 2013* tables 304.45 and 304.50, available at [https://nces.ed.gov/programs/digest/d13/tables/dt13\\_304.45.asp](https://nces.ed.gov/programs/digest/d13/tables/dt13_304.45.asp) and [https://nces.ed.gov/programs/digest/d13/tables/dt13\\_304.50.asp](https://nces.ed.gov/programs/digest/d13/tables/dt13_304.50.asp), respectively.

up 15 percent of all enrolled U.S. residents. The percentage of American Indian/Alaska Native students was higher in 2016 (0.8 percent) than in 1976 (0.7 percent). During the same period, the percentage of White students fell from 84 percent to 57 percent. About 4 percent of students in 2016 were of Two or more races. Race/ethnicity is not reported for nonresident aliens, who made up 5 percent of total enrollment in 2016.

Of the 19.8 million students enrolled in degree-granting postsecondary institutions in fall 2016, some 17 percent took at least one distance education course as part of their program that included a mix of in-person and distance education courses (table 311.15). In addition, 15 percent of students took their college program exclusively through distance education courses. The remaining 68 percent of students took no distance education courses. About 11 percent of students at public institutions took their coursework exclusively through distance education courses, compared with 18 percent of students at private nonprofit institutions and 59 percent of students at private for-profit institutions. About 13 percent of undergraduates took their coursework exclusively through distance education courses, compared to 28 percent of postbaccalaureate students.

Despite the sizable numbers of small degree-granting colleges, most students attend larger colleges and universities. In fall 2016, some 42 percent of institutions had fewer than 1,000 students; however, these campuses enrolled 3 percent of all college students (table 317.40). While 13 percent of campuses enrolled 10,000 or more students, they accounted for 60 percent of total college enrollment.

In fall 2016, the five institutions with the highest enrollment (including distance education as well as in-person enrollment) were University of Phoenix, with 131,600 students; Western Governors University, with 84,300 students; Ivy Tech Community College, with 78,900 students; Grand Canyon University, with 75,800 students; and Liberty University, with 75,800 students (table 312.10).

## Faculty, Staff, and Salaries

Approximately 3.9 million people were employed in degree-granting postsecondary institutions in fall 2016, including 1.5 million faculty, 0.4 million graduate assistants, and 2.0 million other staff (table 314.20). Out of the 1.5 million faculty in 2016, 0.8 million were full-time and 0.7 million were part-time faculty. From 2005 to 2016, the proportion of staff who were faculty rose from 38 percent to 39 percent. During the same period, the proportion of other staff not engaged in teaching decreased from 52 percent to 51 percent. The proportion of graduate assistants in 2016 (10 percent) was higher than the percentage in 2005 (9 percent). The full-time-equivalent (FTE) student/FTE staff ratio at degree-granting institutions was lower in 2016 (5.0) than in 2005 (5.1) (table 314.10 and figure 15). Also, the FTE student/FTE faculty ratio was lower in 2016 (14.1) than in 2005 (15.0).

Degree-granting postsecondary institutions differ in their practices of employing part-time and full-time staff. In fall 2016, some 48 percent of the employees at public 2-year institutions were employed full time, compared with 68 percent at public 4-year institutions, 69 percent at private nonprofit 4-year institutions, and 71 percent at private nonprofit 2-year institutions (table 314.30). The percentage of faculty employed full time was higher at public 4-year institutions (66 percent) than at private nonprofit 4-year institutions (55 percent), private for-profit 4-year institutions (16 percent), private nonprofit 2-year institutions (46 percent), private for-profit 2-year institutions (36 percent), and public 2-year institutions (32 percent). In general, the number of full-time staff has been growing at a slower rate than the number of part-time staff (table 314.20). Between 2005 and 2016, the number of full-time staff increased by 16 percent, compared to an increase of 17 percent in the number of part-time staff. Most of the increase in part-time staff was due to increases in the number of part-time faculty (19 percent) and graduate assistants (19 percent) during this time period.

In fall 2016, some 7 percent of faculty at degree-granting institutions were Black (based on a faculty count that excludes nonresident aliens and other persons whose race/ethnicity was unknown), 8 percent were Asian, 5 percent were Hispanic, 0.5 percent were American Indian/Alaska Native, 1 percent were of Two or more races, and 0.3 percent were Pacific Islander (table 314.40). About 78 percent of all faculty were White; 40 percent were White males and 38 percent were White females. Staff who were Black, Hispanic, Asian, Pacific Islander, American Indian/Alaska Native, or of Two or more races made up 28 percent of graduate assistants and 31 percent of other staff in nonfaculty positions in 2016. The proportion of total staff who were Black, Hispanic, Asian, Pacific Islander, American Indian/Alaska Native, and of Two or more races was similar at public 4-year institutions (28 percent), public 2-year institutions (27 percent), and private nonprofit 4-year institutions (25 percent), but the proportion was higher at private for-profit 4-year institutions (33 percent), private nonprofit 2-year institutions (35 percent), and private for-profit 2-year institutions (41 percent).

On average, full-time faculty and instructional staff spent 58 percent of their time teaching in 2003 (*web-only table 315.30*). Research and scholarship accounted for 20 percent of their time, and 22 percent was spent on other activities (administration, professional growth, etc.).

Faculty salaries generally lost purchasing power during the 1970s. In constant 2015–16 dollars, average salaries for faculty on 9-month contracts declined by 16 percent during the period from 1970–71 (\$77,600) to 1980–81 (\$65,300) (table 316.10). During the 1980s, average salaries rose and recouped most of the losses. Between 1990–91 and 2016–17, there was a further increase in average faculty salaries, resulting in an average salary in 2016–17 (\$84,600) that was 9 percent higher than the average salary in 1970–71. The average salary for male faculty was higher than the average salary for female faculty in all years for which data are available. The

average salary for male faculty in 2016–17 (\$91,900) was 4 percent higher than in 2006–07 (\$88,200 in constant 2016–17 dollars). For female faculty, the average salary in 2016–17 (\$76,100) was 5 percent higher than the salary in 2006–07 (\$72,500). In 2016–17, average salaries for male faculty were 21 percent higher than for female faculty, compared with 22 percent higher in 2006–07.

The percentage of faculty with tenure has declined since 1993–94. Of those faculty at institutions with tenure systems, 46 percent of full-time faculty had tenure in 2016–17, compared with 56 percent in 1993–94 (table 316.80). Also, the percentage of institutions with tenure systems decreased between 1993–94 (63 percent) and 2016–17 (54 percent). Part of this change was due to the expansion in the number of for-profit institutions (table 317.10), relatively few of which have tenure systems (1.5 percent in 2016–17) (table 316.80). At institutions with tenure systems, there were differences between males and females in the percentage of full-time instructional faculty having tenure. Fifty-five percent of males had tenure in 2016–17, compared with 42 percent of females. In 2016–17, about 51 percent of full-time instructional faculty had tenure at public institutions with tenure systems, compared with 45 percent at private nonprofit institutions with tenure systems and 17 percent at private for-profit institutions with tenure systems.

## Degrees

During the 2016–17 academic year, 4,360 accredited institutions offered degrees at the associate’s level or above (table 317.10). These included 1,623 public institutions, 1,682 private nonprofit institutions, and 1,055 private for-profit institutions. Of the 4,360 degree-granting institutions, 2,832 were 4-year institutions that awarded degrees at the bachelor’s or higher level, and 1,528 were 2-year institutions that offered associate’s degrees as their highest award. In 2015–16, associate’s degrees were awarded by 2,759 institutions, bachelor’s degrees by 2,447 institutions, master’s degrees by 1,920 institutions, and doctor’s degrees by 981 institutions (table 318.60). In addition to degree-granting institutions, 2,246 non-degree-granting institutions offered postsecondary education in 2016–17 but did not grant degrees at the associate’s or higher level (table 317.30).

Growing numbers of people are completing postsecondary degrees. Between 2005–06 and 2015–16, the number of associate’s, bachelor’s, master’s, and doctor’s degrees that were conferred rose (table 318.10). During this period, the number of associate’s degrees increased by 41 percent from 713,000 to 1,008,000, the number of bachelor’s degrees increased by 29 percent from 1,485,000 to 1,921,000, the number of master’s degrees increased by 31 percent from 600,000 to 786,000, and the number of doctor’s degrees increased by 29 percent from 138,000 to 178,000. The doctor’s degree total includes most degrees formerly classified as first-professional, such as M.D. (medical), D.D.S. (dental), and J.D. (law) degrees. In addition to degrees awarded at the associate’s and higher levels, 939,000 certificates were awarded by postsecondary institutions

participating in federal Title IV financial aid programs in 2015–16 (table 320.20).

Since the mid-1980s, more females than males have earned associate’s, bachelor’s, and master’s degrees (table 318.10). Beginning in 2005–06, the number of females earning doctor’s degrees has also exceeded the number of males. Between 2005–06 and 2015–16, the number of associate’s, bachelor’s, and master’s degrees awarded to males increased at a higher rate than the number awarded to females. The number of associate’s degrees awarded to males increased by 45 percent during this period, while the number awarded to females increased by 39 percent. The number of bachelor’s degrees awarded to males increased by 30 percent (from 630,600 to 821,779, an increase of 191,179 degrees), while the number of bachelor’s degrees awarded to females increased by 29 percent (from 854,642 to 1,098,939, an increase of 244, 297 degrees). The number of master’s degrees awarded to males increased by 33 percent, while the number awarded to females increased by 30 percent. In contrast, the number of doctor’s degrees increased at a higher rate for females than males between 2005–06 and 2015–16. The number of females earning doctor’s degrees increased 36 percent, while the number of males earning doctor’s degrees increased 22 percent.

Of the 1,921,000 bachelor’s degrees conferred in 2015–16, the greatest numbers of degrees were conferred in the fields of business (372,000), health professions and related programs (229,000), social sciences and history (161,000), psychology (117,000), biological and biomedical sciences (114,000), engineering (107,000), visual and performing arts (93,000), and communication, journalism, and related programs (93,000) (table 322.10). At the master’s degree level, the greatest numbers of degrees were conferred in the fields of business (187,000), education (146,000), and health professions and related programs (110,000) (table 323.10). At the doctor’s degree level, the greatest numbers of degrees were conferred in the fields of health professions and related programs (73,700), legal professions and studies (37,000), education (11,800), engineering (10,200), biological and biomedical sciences (7,900), psychology (6,500), and physical sciences and science technologies (6,000) (table 324.10).

In recent years, the numbers of bachelor’s degrees conferred have followed patterns that differed significantly by field of study. While the number of bachelor’s degrees conferred increased by 29 percent overall between 2005–06 and 2015–16, there was substantial variation among the different fields of study, as well as shifts in the patterns of change during this time period (table 322.10 and figure 16). For example, the number of degrees conferred in computer and information sciences was 9 percent lower in 2010–11 than in 2005–06, but then increased 50 percent between 2010–11 and 2015–16. In contrast, the number of bachelor’s degrees conferred in the combined fields of engineering and engineering technologies increased 14 percent between 2005–06 and 2010–11, and then increased a further 33 percent between 2010–11 and 2015–16. In a number of other major fields, the number of bachelor’s degrees also increased by

higher percentages in the second half of the 10-year period than in the first half. For example, the number of degrees conferred in agriculture and natural resources increased by 24 percent between 2005–06 and 2010–11 and then by 29 percent between 2010–11 and 2015–16. The number of degrees conferred in health professions and related programs increased by 56 percent between 2005–06 and 2010–11 and then by 60 percent between 2010–11 and 2015–16. Also, the number of degrees conferred in public administration and social services increased by 22 percent between 2005–06 and 2010–11 and then by 28 percent between 2010–11 and 2015–16. Other fields with large numbers of degrees (over 10,000 in 2015–16) that showed increases of 30 percent or more between 2010–11 and 2015–16 included parks, recreation, leisure, and fitness studies (42 percent) and mathematics and statistics (33 percent). Some fields with sizable numbers of degrees did not have increases during the 2010–11 to 2015–16 period. The number of degrees in philosophy and religious studies decreased 21 percent between 2010–11 and 2015–16. Also during this period, the number of degrees in English language and literature/letters decreased 19 percent; the number of degrees in education decreased 16 percent; the number of degrees in foreign languages, literatures, and linguistics decreased 15 percent; the number of degrees in social sciences and history decreased 9 percent; and the number of degrees in liberal arts and sciences, general studies, and humanities decreased 7 percent. The number of degrees in visual and performing arts was 1 percent lower in 2015–16 than in 2010–11.

Among first-time students who were seeking a bachelor's degree or its equivalent and attending a 4-year institution full time in 2010, about 41 percent completed a bachelor's degree or its equivalent at that institution within 4 years, while 56 percent did so within 5 years, and 60 percent did so within 6 years (table 326.10). These graduation rates were calculated as the total number of completers within the specified time to degree attainment divided by the cohort of students who first enrolled at that institution in 2010. Graduation rates were higher at private nonprofit institutions than at public or private for-profit institutions. For example, the 6-year graduation rate for the 2010 cohort at private nonprofit institutions was 66 percent, compared with 59 percent at public institutions and 26 percent at private for-profit institutions. Graduation rates also varied by race/ethnicity. At 4-year institutions overall, the 6-year graduation rate for Asian students in the 2010 cohort was 74 percent, compared with 64 percent for Whites, 60 percent for students of Two or more races, 54 percent for Hispanics, 51 percent for Pacific Islanders, 40 percent for Blacks, and 39 percent for American Indians/Alaska Natives.

## Finances and Financial Aid

For the 2016–17 academic year, annual current dollar prices for undergraduate tuition, fees, room, and board were estimated to be \$17,237 at public institutions, \$44,551 at private nonprofit institutions, and \$25,431 at private for-profit institutions (table 330.10). Between 2006–07 and

2016–17, prices for undergraduate tuition, fees, room, and board at public institutions rose 31 percent, and prices at private nonprofit institutions rose 24 percent, after adjustment for inflation. The price for undergraduate tuition, fees, room, and board at private for-profit institutions decreased 11 percent between 2006–07 and 2016–17, after adjustment for inflation.

In 2015–16, about 86 percent of full-time undergraduate students received financial aid (grants, loans, work-study, or aid of multiple types) (table 331.10). About 70 percent of full-time undergraduates received federal financial aid in 2015–16, and 67 percent received aid from nonfederal sources. (Many students receive aid from both federal and nonfederal sources.) Section 484(r) of the Higher Education Act of 1965, as amended, suspends a student's eligibility for Title IV federal financial aid if the student is convicted of certain drug-related offenses that were committed while the student was receiving Title IV aid. For 2016–17, less than 0.01 percent of postsecondary students had their eligibility to receive aid suspended due to a conviction (table C).

**Table C. Suspension of eligibility for Title IV federal student financial aid due to a drug-related conviction or failure to report conviction status on aid application form: 2007–08 through 2016–17**

Award year	No suspension of eligibility	Suspension of eligibility		
		For part of award year	For full award year	
			Due to conviction	Due to failure to report
<b>2007–08</b>				
Number .....	14,610,371	361	2,832	2,433
Percent .....	99.96	#	0.02	0.02
<b>2008–09</b>				
Number .....	16,410,285	398	1,064	724
Percent .....	99.99	#	0.01	#
<b>2009–10</b>				
Number .....	19,487,370	666	1,751	879
Percent .....	99.98	#	0.01	#
<b>2010–11</b>				
Number .....	21,114,404	606	1,284	406
Percent .....	99.99	#	0.01	#
<b>2011–12</b>				
Number .....	21,947,204	404	968	732
Percent .....	99.99	#	#	#
<b>2012–13</b>				
Number .....	21,803,176	322	778	432
Percent .....	99.99	#	#	#
<b>2013–14</b>				
Number .....	21,192,389	257	572	535
Percent .....	99.99	#	#	#
<b>2014–15</b>				
Number .....	20,560,709	242	474	504
Percent .....	99.99	#	#	#
<b>2015–16</b>				
Number .....	19,756,619	273	564	308
Percent .....	99.99	#	#	#
<b>2016–17</b>				
Number .....	18,739,769	254	657	375
Percent .....	99.99	#	#	#

#Rounds to zero.

NOTE: It is not possible to determine whether a student who lost eligibility due to a drug conviction otherwise would have received Title IV aid, since there are other reasons why an applicant may not receive aid. Detail may not sum to totals because of rounding.

SOURCE: U.S. Department of Education, Federal Student Aid, Free Application for Federal Student Aid (FAFSA), unpublished data.

In 2015–16, total revenue was \$364 billion at public institutions, \$183 billion at private nonprofit institutions, and \$17 billion at private for-profit institutions (tables 333.10, 333.40, and 333.55 and figures 17, 18, and 19). The category of student tuition and fees typically accounts for a significant percentage of total revenue and was the largest single revenue source at both private nonprofit and for-profit institutions in 2015–16 (39 and 90 percent, respectively). Tuition and fees accounted for 21 percent of revenue at public institutions in 2015–16. Public institutions typically report Pell grants as revenue from federal grants, while private institutions report Pell grants as revenue from tuition and fees; this difference in reporting contributes to the smaller percentage of revenue reported as tuition and fees at public institutions compared to private institutions. At public institutions, the share of revenue from tuition and fees in 2015–16 (21 percent) was higher than the share from state appropriations (18 percent), while the share from state appropriations in 2007–08 (25 percent) was higher than that from tuition and fees (18 percent) (table 333.10). In 2015–16, tuition and fees constituted the largest revenue category at private nonprofit 2- and 4-year institutions, private for-profit 2- and 4-year institutions, and public 4-year institutions (tables 333.10, 333.40, and 333.55). At public 2-year institutions, tuition and fees constituted the third-largest revenue category.

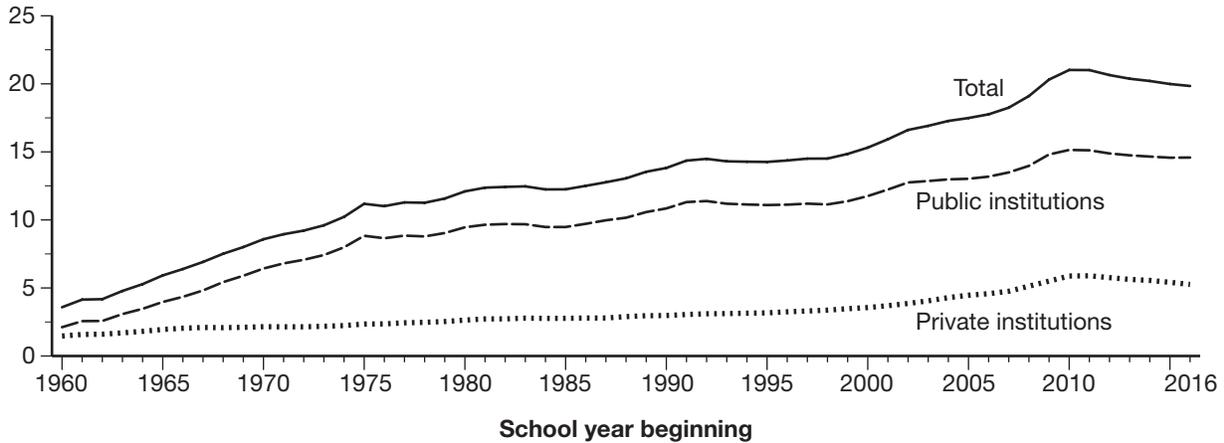
Average total expenditures per full-time-equivalent (FTE) student in 2015–16—shown in constant 2016–17 dollars throughout this paragraph—varied by institution control and level, as did changes in average total expenditures per FTE student between 2009–10 and 2015–16 (after adjustment for inflation). In 2015–16, average total expenditures per full-time-equivalent (FTE) student at public

degree-granting institutions were \$34,200 (table 334.10). These 2015–16 total expenditures per FTE student were 17 percent higher than in 2009–10. In 2015–16, public 4-year institutions had average total expenditures per FTE student of \$44,000, compared with \$15,100 at public 2-year institutions. At private nonprofit institutions, total expenditures per FTE student in 2015–16 were 9 percent higher than in 2009–10 (table 334.30). In 2015–16, total expenditures per FTE student at private nonprofit institutions averaged \$56,400 at 4-year institutions and \$21,300 at 2-year institutions. The expenditures per FTE student at private for-profit institutions in 2015–16 (\$16,500) were 10 percent higher than in 2009–10 (table 334.50). In 2015–16, total expenditures per FTE student at private for-profit institutions averaged \$16,200 at 4-year institutions and \$17,600 at 2-year institutions. This difference in expenditures per FTE student between 4-year and 2-year private for-profit institutions was relatively small compared to the differences between 4-year and 2-year institutions in the public and private nonprofit sectors.

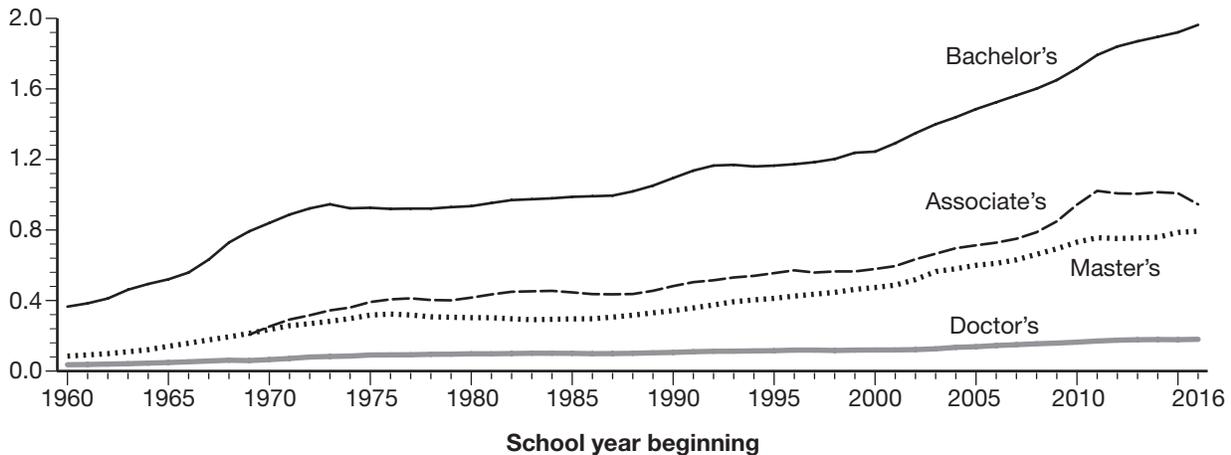
At the end of fiscal year 2016, the market value of the endowment funds of colleges and universities was \$542 billion, reflecting a decrease of 2 percent compared to the beginning of the fiscal year, when the total was \$554 billion (table 333.90). At the end of fiscal year 2016, the 120 institutions with the largest endowments accounted for \$401 billion, or about three-fourths of the national total. The five institutions with the largest endowments in 2016 were Harvard University (\$36 billion), Yale University (\$25 billion), the University of Texas System (\$24 billion), Stanford University (\$22 billion), and Princeton University (\$22 billion).

**Figure 12. Fall enrollment, degrees conferred, and total expenditures in degree-granting postsecondary institutions: 1960–61 through 2016–17**

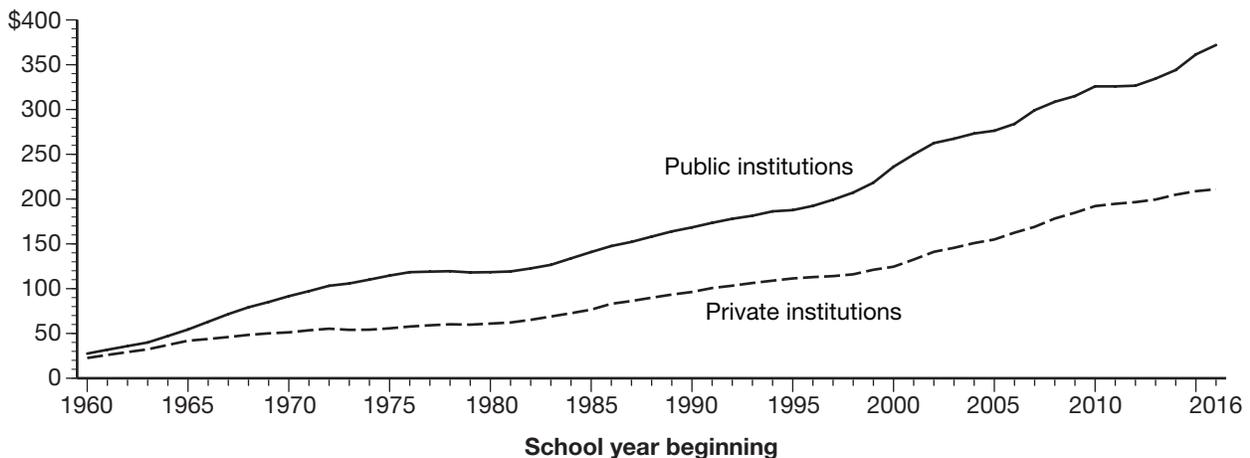
**Fall enrollment, in millions**



**Degrees, in millions**

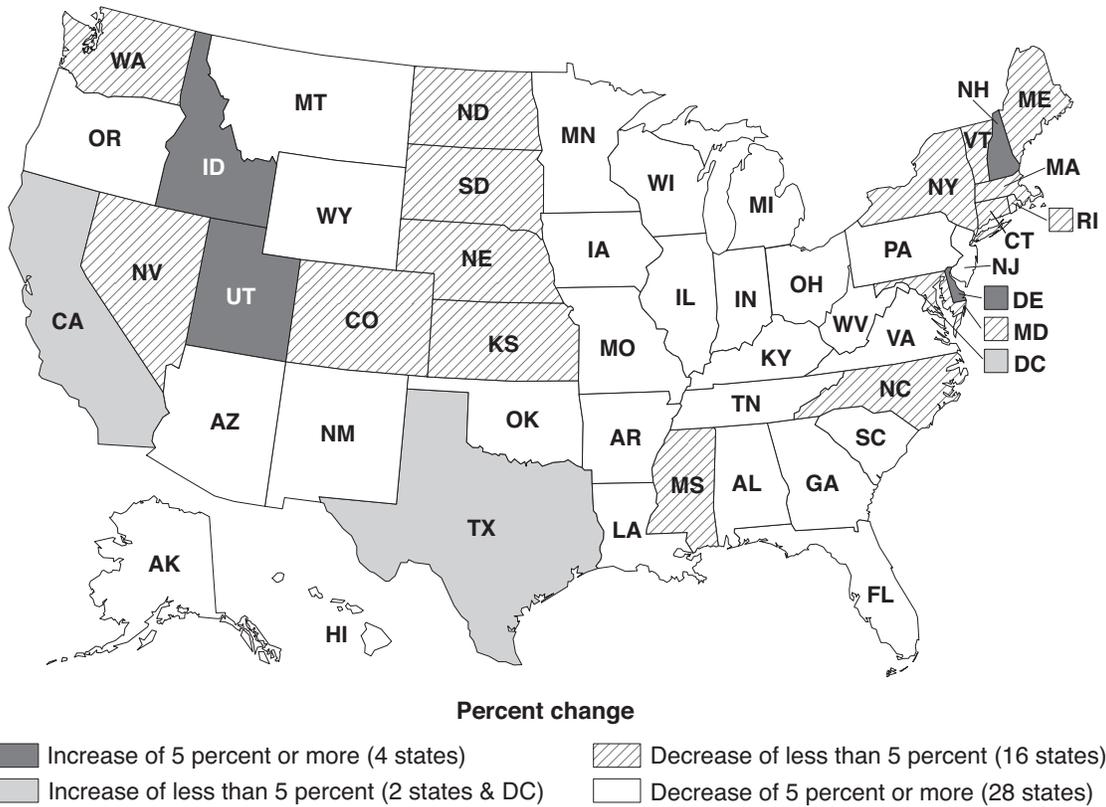


**Total expenditures, in billions of constant 2016–17 dollars**



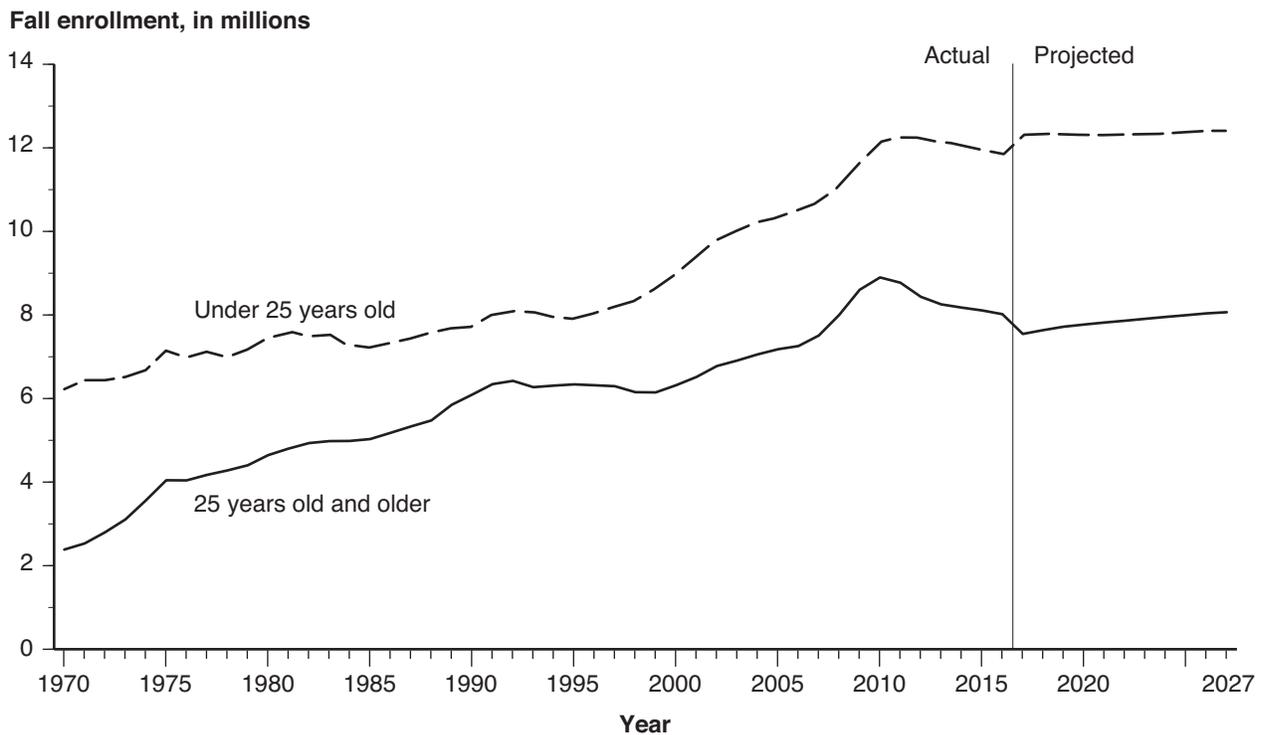
NOTE: Expenditure data for the school year beginning in 2016 (2016–17) are estimated. Degree data for the school year beginning in 2016 are projected. Doctor's degrees include Ph.D., Ed.D., and comparable degrees at the doctoral level, as well as such degrees as M.D., D.D.S., and law degrees that were formerly classified as first-professional degrees. SOURCE: U.S. Department of Education, National Center for Education Statistics, *Opening Fall Enrollment in Higher Education*, 1960 through 1965; *Financial Statistics of Higher Education*, 1959–60 through 1964–65; *Earned Degrees Conferred*, 1959–60 through 1964–65; *Degrees Conferred Projection Model*, 1980–81 through 2027–28; Higher Education General Information Survey (HEGIS), "Fall Enrollment in Institutions of Higher Education," "Degrees and Other Formal Awards Conferred," and "Financial Statistics of Institutions of Higher Education" surveys, 1965–66 through 1985–86; Integrated Postsecondary Education Data System (IPEDS), "Fall Enrollment Survey" (IPEDS-EF:86–99), "Completions Survey" (IPEDS-C:87–99), and "Finance Survey" (IPEDS-F:FY87–99); IPEDS Fall 2000 through Fall 2016, Completions component; and IPEDS Spring 2001 through Spring 2017, Fall Enrollment and Finance components.

**Figure 13. Percentage change in total enrollment in degree-granting postsecondary institutions, by state: Fall 2011 to fall 2016**



NOTE: Graphic display was generated using unrounded data.  
 SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), Spring 2012 and Spring 2017, Fall Enrollment component.

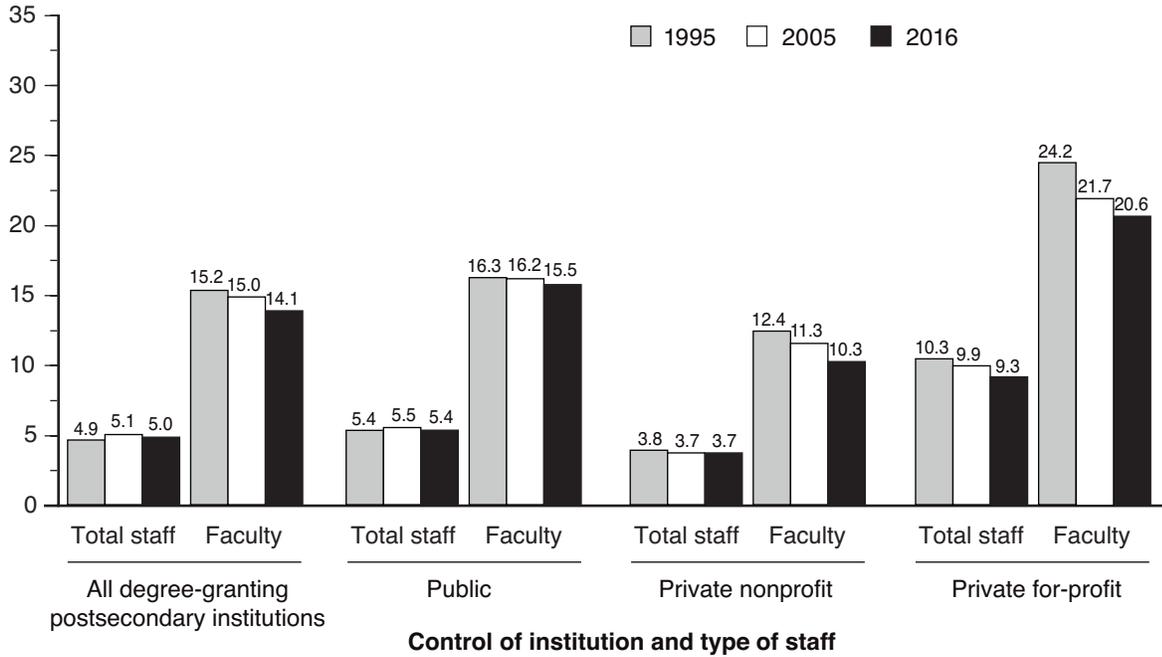
**Figure 14. Enrollment in degree-granting postsecondary institutions, by age of student: Fall 1970 through fall 2027**



SOURCE: U.S. Department of Education, National Center for Education Statistics, Higher Education General Information Survey (HEGIS), "Fall Enrollment in Colleges and Universities" surveys, 1970 through 1985; Integrated Postsecondary Education Data System (IPEDS), "Fall Enrollment Survey" (IPEDS-EF:86-99); IPEDS Spring 2001 through Spring 2017, Fall Enrollment component; and Enrollment in Degree-Granting Institutions Projection Model, 2000 through 2027. U.S. Department of Commerce, Census Bureau, Current Population Survey (CPS), October, 1970 through 2016.

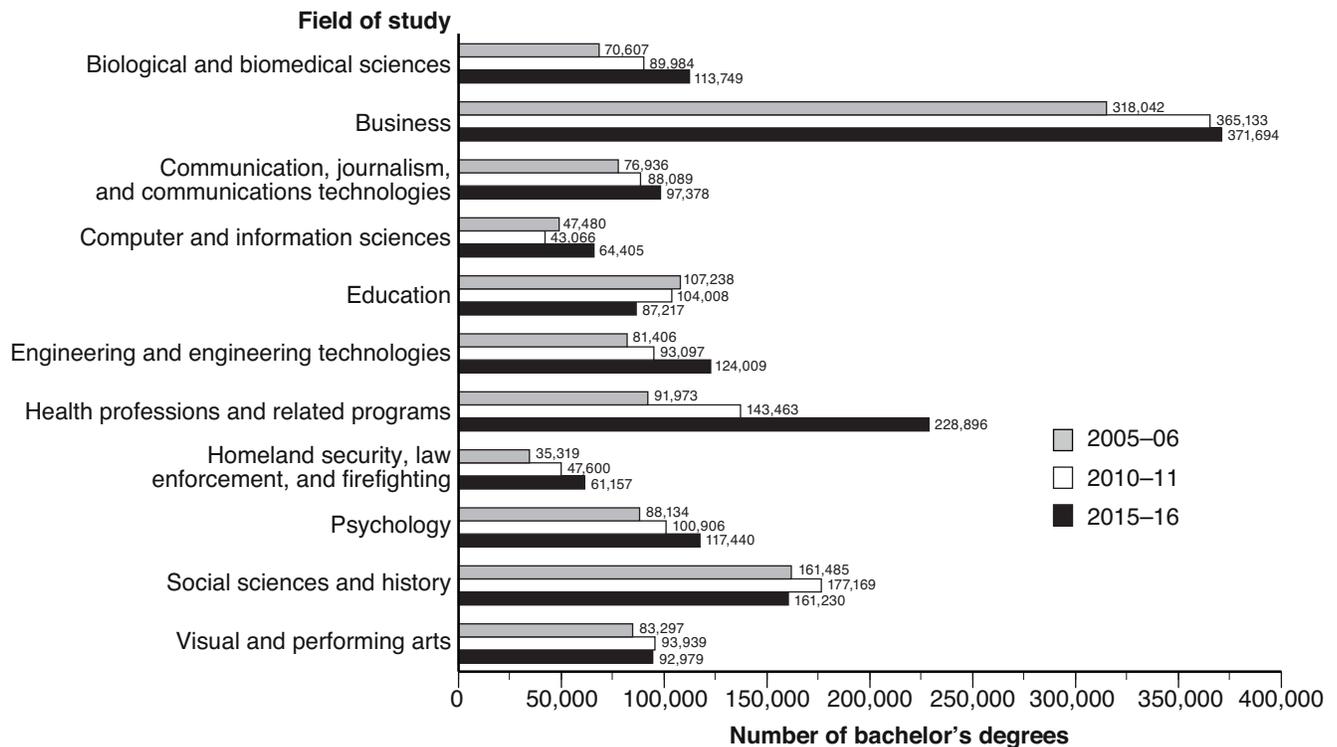
**Figure 15. Ratio of full-time-equivalent (FTE) students to total FTE staff and to FTE faculty in degree-granting postsecondary institutions, by control of institution: 1995, 2005, and 2016**

**FTE students per FTE staff member**



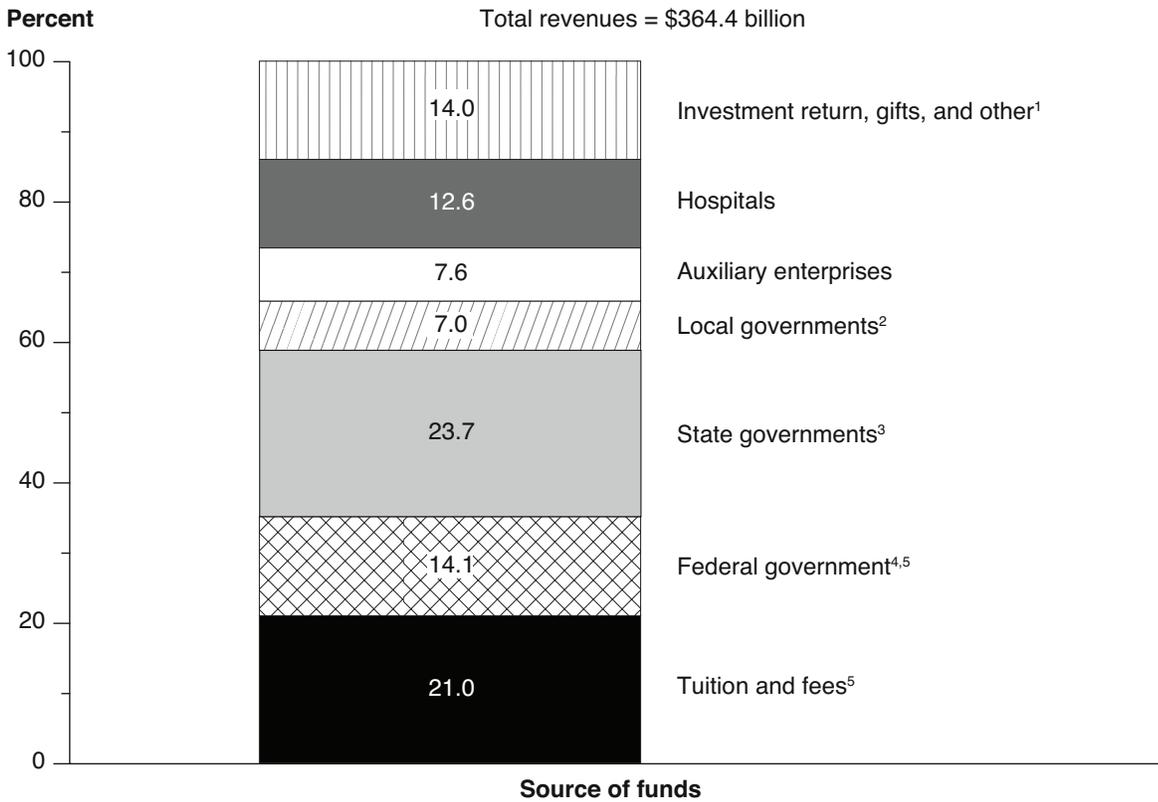
NOTE: Graphic display was generated using unrounded data.  
 SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), "Fall Enrollment Survey" (IPEDS-EF:95) and "Fall Staff Survey" (IPEDS-S:95); IPEDS Spring 2006 and Spring 2017, Fall Enrollment component; and IPEDS Spring 2006 and Spring 2017, Human Resources component, Fall Staff section.

**Figure 16. Number of bachelor's degrees conferred by postsecondary institutions in selected fields of study: 2005–06, 2010–11, and 2015–16**



SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), Fall 2006, Fall 2011, and Fall 2016, Completions component.

**Figure 17. Percentage distribution of total revenues of public degree-granting postsecondary institutions, by source of funds: 2015–16**



<sup>1</sup>In addition to the categories listed, includes capital grants and gifts, additions to permanent endowments, and operating and nonoperating revenues not included elsewhere.

<sup>2</sup>Revenues from local governments include operating grants and contracts (including private grants and contracts), nonoperating appropriations, and nonoperating grants.

<sup>3</sup>Revenues from state governments include operating grants and contracts, nonoperating revenue appropriations, nonoperating grants, and capital appropriations.

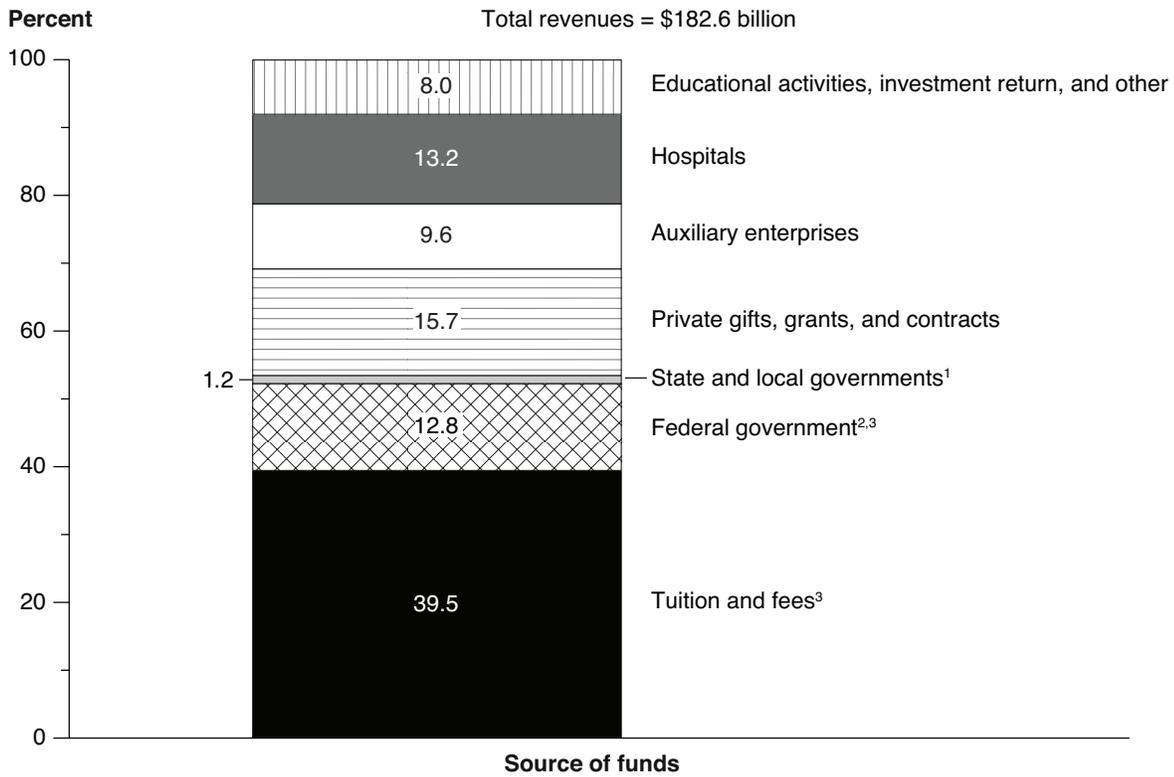
<sup>4</sup>Revenues from the federal government include operating grants and contracts, funds for independent operations, nonoperating appropriations, and nonoperating grants.

<sup>5</sup>Public institutions typically report Pell grants as revenues from federal grants and as allowances that reduce tuition revenues.

NOTE: Graphic display was generated using unrounded data. Detail may not sum to totals because of rounding.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), Spring 2017, Finance component.

**Figure 18. Percentage distribution of total revenues of private nonprofit degree-granting postsecondary institutions, by source of funds: 2015–16**



<sup>1</sup>Includes appropriations, grants, and contracts.

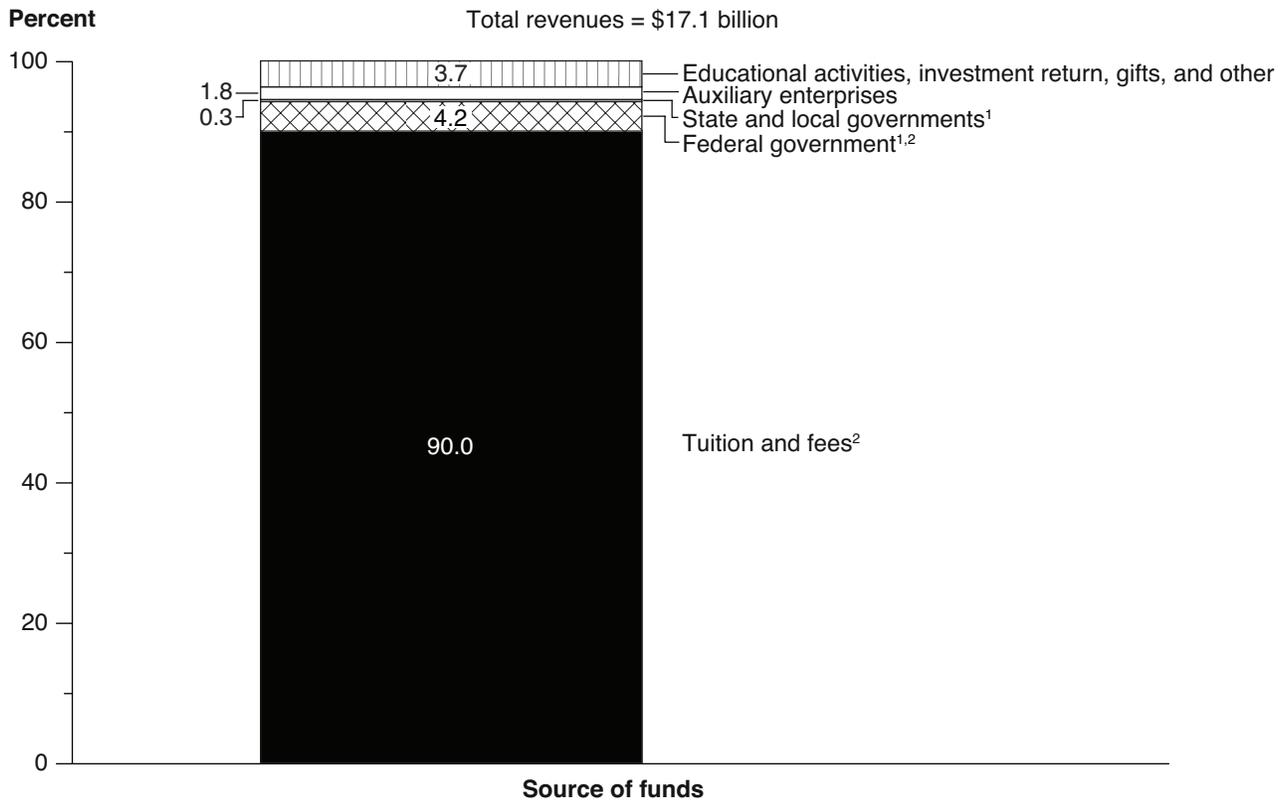
<sup>2</sup>Includes appropriations, grants, contracts, and independent operations.

<sup>3</sup>Private institutions typically report Pell grants as tuition revenues rather than as revenues from federal grants.

NOTE: Graphic display was generated using unrounded data. Detail may not sum to totals because of rounding.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), Spring 2017, Finance component.

**Figure 19. Percentage distribution of total revenues of private for-profit degree-granting postsecondary institutions, by source of funds: 2015–16**



<sup>1</sup>Includes appropriations, grants, and contracts.

<sup>2</sup>Private institutions typically report Pell grants as tuition revenues rather than as revenues from federal grants.

NOTE: Graphic display was generated using unrounded data. Detail may not sum to totals because of rounding.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), Spring 2017, Finance component.

**Table 301.10. Enrollment, staff, and degrees/certificates conferred in degree-granting and non-degree-granting postsecondary institutions, by control and level of institution, sex of student, type of staff, and level of degree: Fall 2016 and 2015–16**

Level of institution, sex of student, type of staff, and level of degree	Degree-granting institutions						Non-degree-granting institutions					
	Total <sup>1</sup>	Total	Public	Private			Total	Public	Private			
				Total	Nonprofit	For-profit			Total	Nonprofit	For-profit	
1	2	3	4	5	6	7	8	9	10	11	12	
<b>Enrollment, fall 2016</b>												
<b>Total</b> .....	<b>20,224,069</b>	<b>19,841,014</b>	<b>14,582,972</b>	<b>5,258,042</b>	<b>4,077,797</b>	<b>1,180,245</b>	<b>383,055</b>	<b>110,016</b>	<b>273,039</b>	<b>18,018</b>	<b>255,021</b>	
4-year institutions .....	13,751,054	13,750,769	8,741,896	5,008,873	4,027,240	981,633	285	0	285	285	0	
Males .....	5,999,244	5,999,177	3,958,861	2,040,316	1,702,784	337,532	67	0	67	67	0	
Females .....	7,751,810	7,751,592	4,783,035	2,968,557	2,324,456	644,101	218	0	218	218	0	
2-year institutions .....	6,206,013	6,090,245	5,841,076	249,169	50,557	198,612	115,768	59,449	56,319	5,728	50,591	
Males .....	2,696,935	2,636,522	2,554,559	81,963	14,497	67,466	60,413	34,328	26,085	1,288	24,797	
Females .....	3,509,078	3,453,723	3,286,517	167,206	36,060	131,146	55,355	25,121	30,234	4,440	25,794	
Less-than-2-year institutions .....	267,002	†	†	†	†	†	267,002	50,567	216,435	12,005	204,430	
Males .....	82,702	†	†	†	†	†	82,702	24,892	57,810	4,310	53,500	
Females .....	184,300	†	†	†	†	†	184,300	25,675	158,625	7,695	150,930	
<b>Staff, fall 2016</b>												
<b>Total</b> .....	<b>3,991,160</b>	<b>3,926,580</b>	<b>2,577,303</b>	<b>1,349,277</b>	<b>1,195,513</b>	<b>153,764</b>	<b>64,580</b>	<b>23,180</b>	<b>41,400</b>	<b>3,935</b>	<b>37,465</b>	
Faculty (instruction/research/ public service) .....	1,581,424	1,548,732	976,710	572,022	476,973	95,049	32,692	11,880	20,812	1,757	19,055	
Instruction .....	1,463,082	1,430,390	901,221	529,169	434,307	94,862	32,692	11,880	20,812	1,757	19,055	
Research .....	89,627	89,627	55,680	33,947	33,862	85	†	†	†	†	†	
Public service .....	28,715	28,715	19,809	8,906	8,804	102	†	†	†	†	†	
Graduate assistants .....	376,043	376,043	294,798	81,245	80,874	371	†	†	†	†	†	
Librarians, curators, and archivists ..	42,212	42,036	23,729	18,307	17,207	1,100	176	48	128	39	89	
Student and academic affairs and other education services .....	185,434	179,164	114,612	64,552	50,132	14,420	6,270	2,861	3,409	433	2,976	
Management .....	265,316	259,267	149,279	109,988	98,330	11,658	6,049	1,264	4,785	395	4,390	
Business and financial operations ...	213,318	210,577	141,660	68,917	63,892	5,025	2,741	544	2,197	152	2,045	
Computer, engineering, and science .	234,310	233,765	161,962	71,803	69,877	1,926	545	326	219	26	193	
Community, social service, legal, arts, design, entertainment, sports, and media .....	181,234	180,609	111,208	69,401	64,210	5,191	625	365	260	66	194	
Healthcare practitioners and technicians .....	116,711	115,891	77,870	38,021	37,753	268	820	555	265	77	188	
Service occupations .....	248,315	245,379	166,483	78,896	76,703	2,193	2,936	1,563	1,373	440	933	
Sales and related occupations .....	14,953	12,965	4,816	8,149	3,829	4,320	1,988	66	1,922	74	1,848	
Office and administrative support ....	436,825	428,493	285,104	143,389	131,980	11,409	8,332	2,884	5,448	436	5,012	
Natural resources, construction, and maintenance .....	75,329	74,337	54,812	19,525	18,950	575	992	497	495	24	471	
Production, transportation, and material moving .....	19,736	19,322	14,260	5,062	4,803	259	414	327	87	16	71	
<b>Degrees/certificates conferred,   2015–16</b>												
<b>Total</b> .....	<b>4,831,779</b>	<b>4,578,307</b>	<b>3,096,783</b>	<b>1,481,524</b>	<b>1,074,864</b>	<b>406,660</b>	<b>253,472</b>	<b>61,146</b>	<b>192,326</b>	<b>13,297</b>	<b>179,029</b>	
Less-than-1-year and 1- to less-than-4-year certificates .....	939,243	685,813	553,898	131,915	26,754	105,161	253,430	61,146	192,284	13,297	178,987	
4-year institutions .....	131,091	131,051	93,972	37,079	11,728	25,351	40	0	40	40	0	
Males .....	57,007	57,002	45,485	11,517	4,476	7,041	5	0	5	5	0	
Females .....	74,084	74,049	48,487	25,562	7,252	18,310	35	0	35	35	0	
2-year institutions .....	618,789	554,762	459,926	94,836	15,026	79,810	64,027	32,200	31,827	3,006	28,821	
Males .....	283,355	254,061	225,684	28,377	3,908	24,469	29,294	15,698	13,596	814	12,782	
Females .....	335,434	300,701	234,242	66,459	11,118	55,341	34,733	16,502	18,231	2,192	16,039	
Less-than-2-year institutions .....	189,363	†	†	†	†	†	189,363	28,946	160,417	10,251	150,166	
Males .....	56,306	†	†	†	†	†	56,306	11,903	44,403	3,897	40,506	
Females .....	133,057	†	†	†	†	†	133,057	17,043	116,014	6,354	109,660	
Associate's degrees .....	1,008,356	1,008,314	848,168	160,146	56,593	103,553	42	0	42	0	42	
4-year institutions .....	288,861	288,861	182,114	106,747	45,500	61,247	0	0	0	0	0	
Males .....	107,704	107,704	71,833	35,871	16,430	19,441	0	0	0	0	0	
Females .....	181,157	181,157	110,281	70,876	29,070	41,806	0	0	0	0	0	
2-year institutions .....	719,474	719,453	666,054	53,399	11,093	42,306	21	0	21	0	21	
Males .....	284,468	284,448	265,463	18,985	3,163	15,822	20	0	20	0	20	
Females .....	435,006	435,005	400,591	34,414	7,930	26,484	1	0	1	0	1	
Less-than-2-year institutions .....	21	†	†	†	†	†	21	0	21	0	21	
Males .....	5	†	†	†	†	†	5	0	5	0	5	
Females .....	16	†	†	†	†	†	16	0	16	0	16	
Bachelor's degrees .....	1,920,718	1,920,718	1,240,405	680,313	560,752	119,561	0	0	0	0	0	
Males .....	821,779	821,779	544,273	277,506	231,334	46,172	0	0	0	0	0	
Females .....	1,098,939	1,098,939	696,132	402,807	329,418	73,389	0	0	0	0	0	
Master's degrees .....	785,595	785,595	364,526	421,069	350,721	70,348	0	0	0	0	0	
Males .....	320,444	320,444	155,468	164,976	142,264	22,712	0	0	0	0	0	
Females .....	465,151	465,151	209,058	256,093	208,457	47,636	0	0	0	0	0	
Doctor's degrees .....	177,867	177,867	89,786	88,081	80,044	8,037	0	0	0	0	0	
Males .....	84,089	84,089	43,657	40,432	37,540	2,892	0	0	0	0	0	
Females .....	93,778	93,778	46,129	47,649	42,504	5,145	0	0	0	0	0	

†Not applicable.

<sup>1</sup>Includes both degree-granting and non-degree-granting institutions.

NOTE: Data are for postsecondary institutions participating in Title IV federal financial aid programs. Degree-granting institutions grant degrees at the associate's or higher level, while non-degree-granting institutions grant only awards below that level. The non-degree-granting classification includes some institutions transitioning to higher level program offer-

ings, though still classified at a lower level; therefore, a small number of associate's degrees are shown as awarded by non-degree-granting institutions.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), Spring 2017, Fall Enrollment component; Spring 2017, Human Resources component; and Fall 2016, Completions component. (This table was prepared May 2018.)

**Table 301.20. Historical summary of faculty, enrollment, degrees conferred, and finances in degree-granting postsecondary institutions: Selected years, 1869–70 through 2015–16**

Selected characteristic	1869–70	1879–80	1889–90	1899–1900	1909–10	1919–20	1929–30	1939–40	1949–50	1959–60	1969–70	1979–80	1989–90	1999–2000	2009–10	2015–16
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
Total institutions <sup>1</sup> .....	563	811	998	977	951	1,041	1,409	1,708	1,851	2,004	2,525	3,152	3,535	4,084	4,495	4,585
Total faculty <sup>2</sup> .....	5,553 <sup>3</sup>	11,522 <sup>3</sup>	15,809	23,868	36,480	48,615	82,386	146,929	246,722	380,554	450,000 <sup>4</sup>	675,000 <sup>4</sup>	824,220 <sup>5</sup>	1,027,830 <sup>5</sup>	1,439,074 <sup>5</sup>	1,548,732 <sup>5</sup>
Males .....	4,887 <sup>3</sup>	7,328 <sup>3</sup>	12,704	19,151	29,132	35,807	60,017	106,328	186,189	296,773	346,000 <sup>4</sup>	479,000 <sup>4</sup>	534,254 <sup>5</sup>	602,469 <sup>5</sup>	761,002 <sup>5</sup>	785,157 <sup>5</sup>
Females .....	666 <sup>3</sup>	4,194 <sup>3</sup>	3,105	4,717	7,348	12,808	22,369	40,601	60,533	83,781	104,000 <sup>4</sup>	196,000 <sup>4</sup>	289,966 <sup>5</sup>	425,361 <sup>5</sup>	678,072 <sup>5</sup>	763,575 <sup>5</sup>
Total fall enrollment <sup>6</sup> .....	52,286	115,817	156,756	237,592	355,213	597,880	1,100,737	1,494,203	2,444,900	3,639,847	8,004,660	11,569,899	13,538,560	14,791,224	20,313,594	19,988,204
Males .....	41,160 <sup>3</sup>	77,972 <sup>3</sup>	100,453	152,254	214,648 <sup>3</sup>	314,938	619,935	893,250	1,721,572	2,332,617	4,746,201	5,682,877	6,190,015	6,490,646	8,732,953	8,723,819
Females .....	11,126 <sup>3</sup>	37,845 <sup>3</sup>	56,303	85,338	140,565 <sup>3</sup>	282,942	480,802	600,953	723,328	1,307,230	3,258,459	5,887,022	7,348,545	8,300,578	11,580,641	11,264,385
<b>Degrees conferred</b>																
Associate's, total .....	—	—	—	—	—	—	—	—	—	—	206,023	400,910	455,102	564,933	848,856	1,008,314
Males .....	—	—	—	—	—	—	—	—	—	—	117,432	183,737	191,195	224,721	322,747	392,152
Females .....	—	—	—	—	—	—	—	—	—	—	88,591	217,173	263,907	340,212	526,109	616,162
Bachelor's, total <sup>7</sup> .....	9,371	12,896	15,539	27,410	37,199	48,622	122,484	186,500	432,058	392,440	792,316	929,417	1,051,344	1,237,875	1,649,919	1,920,718
Males .....	7,993	10,411	12,857	22,173	28,762	31,980	73,615	109,546	328,841	254,063	451,097	473,611	491,696	530,367	706,660	821,779
Females .....	1,378	2,485	2,682	5,237	8,437	16,642	48,869	76,954	103,217	138,377	341,219	455,806	559,648	707,508	943,259	1,098,939
Master's, total <sup>8</sup> .....	—	879	1,015	1,583	2,113	4,279	14,969	26,731	58,183	74,435	213,589	305,196	330,152	463,185	693,313	785,595
Males .....	—	868	821	1,280	1,555	2,985	8,925	16,508	41,220	50,898	130,799	156,882	158,052	196,129	275,317	320,444
Females .....	—	11	194	303	558	1,294	6,044	10,223	16,963	23,537	82,790	148,314	172,100	267,056	417,996	465,151
Doctor's, total <sup>9</sup> .....	1	54	149	382	443	615	2,299	3,290	6,420	9,829	59,486	95,631	103,508	118,736	158,590	177,867
Males .....	1	51	147	359	399	522	1,946	2,861	5,804	8,801	53,792	69,526	63,963	64,930	76,610	84,089
Females .....	0	3	2	23	44	93	353	429	616	1,028	5,694	26,105	39,545	53,806	81,980	93,778
In thousands of current dollars																
<b>Finances</b>																
Revenue <sup>10</sup> .....	—	—	—	—	\$76,883	\$199,922	\$554,511	\$715,211	\$2,374,645	\$5,785,537	\$21,515,242	\$58,519,982	\$139,635,477	\$282,261,000	\$496,720,000	\$564,024,000
Educational and general income .....	—	—	\$21,464	\$35,084	67,917	172,929	483,065	571,288	1,833,845	4,688,352	16,486,177	—	—	—	—	—
Expenditures <sup>11</sup> .....	—	—	—	—	—	—	507,142	674,688	2,245,661	5,601,376	21,043,113	56,913,588	134,655,571	\$236,784,000	\$446,479,000	\$559,405,000
Value of physical property .....	—	—	95,426	253,599	457,594	747,333	2,065,049	2,753,780 <sup>12</sup>	4,799,964	13,548,548	42,093,580	83,733,387	164,635,000	—	—	—
Market value of endowment funds..	—	—	78,788 <sup>13</sup>	194,998 <sup>13</sup>	323,661 <sup>13</sup>	569,071 <sup>13</sup>	1,372,068 <sup>13</sup>	1,686,283 <sup>13</sup>	2,601,223 <sup>13</sup>	5,322,080 <sup>13</sup>	11,206,632	20,743,045	67,978,726	—	355,910,203	542,240,202
In thousands of constant 2016–17 dollars <sup>14</sup>																
<b>Finances</b>																
Revenue <sup>10</sup> .....	—	—	—	—	—	—	\$7,860,923	\$12,418,622	\$24,330,611	\$47,779,167	\$138,207,877	\$182,914,801	\$266,850,847	\$404,582,000	\$556,126,000	\$574,399,000
Educational and general income .....	—	—	—	—	—	—	6,848,082	9,919,604	18,789,574	38,718,196	105,902,575	—	—	—	—	—
Expenditures <sup>11</sup> .....	—	—	—	—	—	—	7,189,405	11,714,998	23,009,041	46,258,295	135,175,053	177,893,726	257,333,981	\$339,396,000	\$499,877,000	\$569,695,000
Value of physical property .....	—	—	—	—	—	—	29,274,787	47,815,473 <sup>12</sup>	49,180,427	111,889,067	270,397,346	261,723,864	314,626,269	—	—	—
Market value of endowment funds..	—	—	—	—	—	—	19,450,869 <sup>13</sup>	29,279,906 <sup>13</sup>	26,652,129 <sup>13</sup>	43,951,763 <sup>13</sup>	71,988,259	64,836,143	129,910,973	—	398,476,233	552,214,639

—Not available.

<sup>1</sup>Prior to 1979–80, excludes branch campuses.

<sup>2</sup>Total number of different individuals (not reduced to full-time equivalent). Beginning in 1959–60, data are for the first term of the academic year.

<sup>3</sup>Estimated.

<sup>4</sup>Estimated number of senior instructional staff based on actual enrollment data for the designated year and enrollment/staff ratios for the prior staff survey. Excludes graduate assistants.

<sup>5</sup>Because of revised survey procedures, data may not be directly comparable with figures prior to 1989–90. Excludes graduate assistants.

<sup>6</sup>Data for 1869–70 to 1939–40 are for resident degree-credit students who enrolled at any time during the academic year.

<sup>7</sup>From 1869–70 to 1959–60, bachelor's degrees include degrees formerly classified as first-professional, such as M.D., D.D.S., and law degrees.

<sup>8</sup>Figures for years prior to 1969–70 are not precisely comparable with later data.

<sup>9</sup>Includes Ph.D., Ed.D., and comparable degrees at the doctoral level. Includes most degrees formerly classified as first-professional, such as M.D., D.D.S., and law degrees.

<sup>10</sup>Data for 1929–30 and 1939–40 include current-fund expenditures and additions to plant value. Data for 1949–50 through 1989–90 are current-fund expenditures only. Data for 1999–2000 include total expenditures for private institutions and current-fund expenditures for public institutions. Data for later years are for total expenditures.

<sup>11</sup>Data for 1929–30 through 1989–90 are current-fund revenues only. Data for 1999–2000 include total revenues for private institutions and current-fund revenues for public institutions. Data for later years are for total revenues.

<sup>12</sup>Includes unexpended plant funds.

<sup>13</sup>Book value. Includes other nonexpendable funds.

<sup>14</sup>Constant dollars based on the Consumer Price Index, prepared by the Bureau of Labor Statistics, U.S. Department of Labor, adjusted to a school-year basis.

NOTE: Data through 1989–90 are for institutions of higher education, while later data are for degree-granting institutions. Degree-granting institutions grant associate's or higher degrees and participate in Title IV federal financial aid programs. The degree-granting classification is very similar to the earlier higher education classification, but it includes more 2-year colleges and excludes a few higher education institutions that did not grant degrees. Detail may not sum to totals because of rounding. Some data have been revised from previously published figures.

SOURCE: U.S. Department of Education, National Center for Education Statistics, *Biennial Survey of Education in the United States; Education Directory, Colleges and Universities; Faculty and Other Professional Staff in Institutions of Higher Education; Fall Enrollment in Colleges and Universities; Earned Degrees Conferred; Financial Statistics of Institutions of Higher Education*; Higher Education General Information Survey (HEGIS), "Fall Enrollment in Institutions of Higher Education," "Degrees and Other Formal Awards Conferred," and "Financial Statistics of Institutions of Higher Education" surveys; Integrated Postsecondary Education Data System (IPEDS), "Fall Enrollment Survey" (IPEDS-EF:89–99), "Fall Staff Survey" (IPEDS-S:89–99), "Finance Survey" (IPEDS-F:FY90–00), "Completions Survey" (IPEDS-C:90–00), and "Institutional Characteristics Survey" (IPEDS-IC:89–99); IPEDS Winter 2009–10 and Spring 2016, Human Resources component, Fall Staff section; IPEDS Spring 2010 and Spring 2016, Fall Enrollment component; IPEDS Fall 2010 and Fall 2016, Completions component; and IPEDS Spring 2011 and Spring 2017, Finance component. (This table was prepared May 2018.)

**Table 302.10. Recent high school completers and their enrollment in college, by sex and level of institution: 1960 through 2016**  
[Standard errors appear in parentheses]

Year	Number of high school completers <sup>1</sup> (in thousands)			Percent of recent high school completers <sup>1</sup> enrolled in college <sup>2</sup>								
	Total	Males	Females	Total			Males			Females		
				Total	2-year college	4-year college or university	Total	2-year college	4-year college or university	Total	2-year college	4-year college or university
1	2	3	4	5	6	7	8	9	10	11	12	13
1960.....	1,679 (44.5)	756 (32.3)	923 (30.1)	45.1 (2.16)	— (†)	— (†)	54.0 (3.23)	— (†)	— (†)	37.9 (2.85)	— (†)	— (†)
1961.....	1,763 (46.7)	790 (33.7)	973 (31.8)	48.0 (2.12)	— (†)	— (†)	56.3 (3.14)	— (†)	— (†)	41.3 (2.81)	— (†)	— (†)
1962.....	1,838 (44.3)	872 (32.0)	966 (30.4)	49.0 (2.08)	— (†)	— (†)	55.0 (3.00)	— (†)	— (†)	43.5 (2.84)	— (†)	— (†)
1963.....	1,741 (44.9)	794 (32.6)	947 (30.5)	45.0 (2.12)	— (†)	— (†)	52.3 (3.16)	— (†)	— (†)	39.0 (2.82)	— (†)	— (†)
1964.....	2,145 (43.6)	997 (32.3)	1,148 (28.9)	48.3 (1.92)	— (†)	— (†)	57.2 (2.79)	— (†)	— (†)	40.7 (2.58)	— (†)	— (†)
1965.....	2,659 (48.5)	1,254 (35.7)	1,405 (32.5)	50.9 (1.73)	— (†)	— (†)	57.3 (2.49)	— (†)	— (†)	45.3 (2.37)	— (†)	— (†)
1966.....	2,612 (45.7)	1,207 (34.4)	1,405 (29.5)	50.1 (1.74)	— (†)	— (†)	58.7 (2.53)	— (†)	— (†)	42.7 (2.35)	— (†)	— (†)
1967.....	2,525 (38.5)	1,142 (28.9)	1,383 (24.7)	51.9 (1.44)	— (†)	— (†)	57.6 (2.12)	— (†)	— (†)	47.2 (1.95)	— (†)	— (†)
1968.....	2,606 (38.0)	1,184 (28.7)	1,422 (24.2)	55.4 (1.41)	— (†)	— (†)	63.2 (2.04)	— (†)	— (†)	48.9 (1.93)	— (†)	— (†)
1969.....	2,842 (36.6)	1,352 (27.3)	1,490 (24.2)	53.3 (1.36)	— (†)	— (†)	60.1 (1.93)	— (†)	— (†)	47.2 (1.88)	— (†)	— (†)
1970.....	2,758 (38.1)	1,343 (26.6)	1,415 (27.3)	51.7 (1.38)	— (†)	— (†)	55.2 (1.97)	— (†)	— (†)	48.5 (1.93)	— (†)	— (†)
1971.....	2,875 (38.7)	1,371 (27.1)	1,504 (27.6)	53.5 (1.35)	— (†)	— (†)	57.6 (1.94)	— (†)	— (†)	49.8 (1.87)	— (†)	— (†)
1972.....	2,964 (38.5)	1,423 (27.5)	1,542 (26.9)	49.2 (1.33)	— (†)	— (†)	52.7 (1.92)	— (†)	— (†)	46.0 (1.84)	— (†)	— (†)
1973.....	3,058 (37.7)	1,460 (28.0)	1,599 (25.0)	46.6 (1.31)	14.9 (0.94)	31.6 (1.22)	50.0 (1.90)	14.6 (1.34)	35.4 (1.82)	43.4 (1.80)	15.2 (1.30)	28.2 (1.63)
1974.....	3,101 (39.3)	1,491 (28.2)	1,611 (27.3)	47.6 (1.30)	15.2 (0.94)	32.4 (1.22)	49.4 (1.88)	16.6 (1.40)	32.8 (1.77)	45.9 (1.80)	13.9 (1.25)	32.0 (1.69)
1975.....	3,185 (39.3)	1,513 (27.8)	1,672 (27.7)	50.7 (1.29)	18.2 (0.99)	32.6 (1.21)	52.6 (1.86)	19.0 (1.47)	33.6 (1.76)	49.0 (1.78)	17.4 (1.35)	31.6 (1.65)
1976.....	2,986 (40.5)	1,451 (29.4)	1,535 (27.8)	48.8 (1.33)	15.6 (0.96)	33.3 (1.25)	47.2 (1.90)	14.5 (1.34)	32.7 (1.79)	50.3 (1.85)	16.6 (1.38)	33.8 (1.75)
1977.....	3,141 (41.0)	1,483 (29.8)	1,659 (27.9)	50.6 (1.30)	17.5 (0.98)	33.1 (1.22)	52.1 (1.88)	17.2 (1.42)	35.0 (1.80)	49.3 (1.78)	17.8 (1.36)	31.5 (1.66)
1978.....	3,163 (40.0)	1,485 (29.4)	1,677 (26.8)	50.1 (1.29)	17.0 (0.97)	33.1 (1.22)	51.1 (1.88)	15.6 (1.37)	35.5 (1.80)	49.3 (1.77)	18.3 (1.37)	31.0 (1.64)
1979.....	3,160 (40.3)	1,475 (29.4)	1,685 (27.4)	49.3 (1.29)	17.5 (0.98)	31.8 (1.20)	50.4 (1.89)	16.9 (1.42)	33.5 (1.79)	48.4 (1.77)	18.1 (1.36)	30.3 (1.63)
1980.....	3,088 (39.6)	1,498 (28.5)	1,589 (27.5)	49.3 (1.31)	19.4 (1.03)	29.9 (1.20)	46.7 (1.87)	17.1 (1.41)	29.7 (1.71)	51.8 (1.82)	21.6 (1.50)	30.2 (1.67)
1981.....	3,056 (42.4)	1,491 (30.6)	1,565 (29.3)	53.9 (1.31)	20.5 (1.06)	33.5 (1.24)	54.8 (1.87)	20.9 (1.53)	33.9 (1.78)	53.1 (1.83)	20.1 (1.47)	33.0 (1.73)
1982.....	3,100 (41.0)	1,509 (29.4)	1,592 (28.6)	50.6 (1.38)	19.1 (1.09)	31.5 (1.28)	49.1 (1.98)	17.5 (1.50)	31.6 (1.84)	52.0 (1.93)	20.6 (1.56)	31.4 (1.79)
1983.....	2,963 (42.2)	1,389 (30.8)	1,573 (28.6)	52.7 (1.41)	19.2 (1.11)	33.5 (1.33)	51.9 (2.06)	20.2 (1.66)	31.7 (1.92)	53.4 (1.93)	18.4 (1.50)	35.1 (1.85)
1984.....	3,012 (37.0)	1,429 (29.1)	1,584 (22.2)	55.2 (1.39)	19.4 (1.11)	35.8 (1.34)	56.0 (2.02)	17.7 (1.55)	38.4 (1.98)	54.5 (1.92)	21.0 (1.57)	33.5 (1.82)
1985.....	2,668 (40.7)	1,287 (29.1)	1,381 (28.3)	57.7 (1.47)	19.6 (1.18)	38.1 (1.45)	58.6 (2.11)	19.9 (1.71)	38.8 (2.09)	56.8 (2.05)	19.3 (1.63)	37.5 (2.00)
1986.....	2,786 (39.2)	1,332 (28.9)	1,454 (26.4)	53.8 (1.45)	19.2 (1.15)	34.5 (1.39)	55.8 (2.09)	21.3 (1.73)	34.5 (2.00)	51.9 (2.02)	17.3 (1.53)	34.6 (1.92)
1987.....	2,647 (41.5)	1,278 (30.2)	1,369 (28.4)	56.8 (1.48)	18.9 (1.17)	37.9 (1.45)	58.3 (2.12)	17.3 (1.63)	41.0 (2.12)	55.3 (2.07)	20.3 (1.67)	35.0 (1.98)
1988.....	2,673 (47.7)	1,334 (34.6)	1,339 (32.8)	58.9 (1.60)	21.9 (1.34)	37.1 (1.57)	57.1 (2.27)	21.3 (1.88)	35.8 (2.20)	60.7 (2.24)	22.4 (1.91)	38.3 (2.23)
1989.....	2,450 (44.8)	1,204 (31.7)	1,246 (31.7)	59.6 (1.58)	20.7 (1.30)	38.9 (1.57)	57.6 (2.27)	18.3 (1.77)	39.3 (2.24)	61.6 (2.19)	23.1 (1.90)	38.5 (2.20)
1990.....	2,362 (43.0)	1,173 (30.6)	1,189 (30.2)	60.1 (1.60)	20.1 (1.31)	40.0 (1.61)	58.0 (2.29)	19.6 (1.85)	38.4 (2.26)	62.2 (2.24)	20.6 (1.87)	41.6 (2.28)
1991.....	2,276 (41.1)	1,140 (29.0)	1,136 (29.0)	62.5 (1.62)	24.9 (1.44)	37.7 (1.62)	57.9 (2.33)	22.9 (1.98)	35.0 (2.25)	67.1 (2.22)	26.8 (2.09)	40.3 (2.32)
1992.....	2,397 (40.5)	1,216 (29.1)	1,180 (28.1)	61.9 (1.58)	23.0 (1.37)	38.9 (1.59)	60.0 (2.24)	22.1 (1.89)	37.8 (2.21)	63.8 (2.23)	23.9 (1.98)	40.0 (2.27)
1993.....	2,342 (41.4)	1,120 (30.6)	1,223 (27.7)	62.6 (1.59)	22.8 (1.38)	39.8 (1.61)	59.9 (2.33)	22.9 (2.00)	37.0 (2.30)	65.2 (2.17)	22.8 (1.91)	42.4 (2.25)
1994.....	2,517 (41.1)	1,244 (30.1)	1,273 (27.9)	61.9 (1.54)	21.0 (1.29)	40.9 (1.56)	60.6 (2.21)	23.0 (1.90)	37.5 (2.19)	63.2 (2.15)	19.1 (1.75)	44.1 (2.22)
1995.....	2,599 (41.0)	1,238 (30.0)	1,361 (27.7)	61.9 (1.41)	21.5 (1.19)	40.4 (1.43)	62.6 (2.04)	25.3 (1.83)	37.4 (2.04)	61.3 (1.96)	18.1 (1.55)	43.2 (1.99)
1996.....	2,660 (40.5)	1,297 (29.5)	1,363 (27.7)	65.0 (1.42)	23.1 (1.26)	41.9 (1.47)	60.1 (2.09)	21.5 (1.76)	38.5 (2.08)	69.7 (1.91)	24.6 (1.79)	45.1 (2.07)
1997.....	2,769 (41.8)	1,354 (31.0)	1,415 (27.9)	67.0 (1.37)	22.8 (1.23)	44.3 (1.45)	63.6 (2.01)	21.4 (1.71)	42.2 (2.06)	70.3 (1.87)	24.1 (1.75)	46.2 (2.04)
1998.....	2,810 (43.9)	1,452 (31.0)	1,358 (31.0)	65.6 (1.38)	24.4 (1.25)	41.3 (1.43)	62.4 (1.96)	24.4 (1.73)	38.0 (1.96)	69.1 (1.93)	24.3 (1.79)	44.8 (2.08)
1999.....	2,897 (41.5)	1,474 (29.9)	1,423 (28.8)	62.9 (1.38)	21.0 (1.16)	41.9 (1.41)	61.4 (1.95)	21.0 (1.63)	40.5 (1.97)	64.4 (1.95)	21.1 (1.66)	43.3 (2.02)
2000.....	2,756 (45.3)	1,251 (33.6)	1,505 (29.7)	63.3 (1.41)	21.4 (1.20)	41.9 (1.45)	59.9 (2.13)	23.1 (1.83)	36.8 (2.10)	66.2 (1.88)	20.0 (1.59)	46.2 (1.98)
2001.....	2,549 (44.1)	1,277 (32.0)	1,273 (30.3)	61.8 (1.41)	19.6 (1.15)	42.1 (1.43)	60.1 (2.00)	18.6 (1.59)	41.4 (2.01)	63.5 (1.97)	20.6 (1.66)	42.8 (2.02)
2002.....	2,796 (42.7)	1,412 (31.3)	1,384 (29.0)	65.2 (1.31)	21.6 (1.14)	43.6 (1.37)	62.1 (1.88)	20.4 (1.57)	41.7 (1.92)	68.4 (1.82)	22.8 (1.65)	45.6 (1.95)
2003.....	2,677 (42.2)	1,306 (29.9)	1,372 (29.7)	63.9 (1.35)	21.5 (1.16)	42.5 (1.39)	61.2 (1.97)	21.9 (1.67)	39.3 (1.97)	66.5 (1.86)	21.0 (1.61)	45.5 (1.96)
2004.....	2,752 (40.0)	1,327 (29.1)	1,425 (27.3)	66.7 (1.31)	22.4 (1.16)	44.2 (1.38)	61.4 (1.95)	21.8 (1.65)	39.6 (1.96)	71.5 (1.74)	23.1 (1.63)	48.5 (1.93)
2005.....	2,675 (40.8)	1,262 (31.5)	1,414 (24.9)	68.6 (1.31)	24.0 (1.21)	44.6 (1.40)	66.5 (1.94)	24.7 (1.77)	41.8 (2.03)	70.4 (1.77)	23.4 (1.64)	47.0 (1.94)
2006.....	2,692 (44.6)	1,328 (32.7)	1,363 (30.1)	66.0 (1.33)	24.7 (1.21)	41.3 (1.39)	65.8 (1.90)	24.9 (1.73)	40.9 (1.97)	66.1 (1.87)	24.5 (1.70)	41.7 (1.95)
2007.....	2,955 (42.6)	1,511 (30.0)	1,444 (30.3)	67.2 (1.26)	24.1 (1.15)	43.1 (1.33)	66.1 (1.78)	22.7 (1.57)	43.4 (1.86)	68.3 (1.79)	25.5 (1.67)	42.8 (1.90)
2008.....	3,151 (42.8)	1,640 (29.6)	1,511 (30.9)	68.6 (1.21)	27.7 (1.16)	40.9 (1.28)	65.9 (1.71)	24.9 (1.56)	41.0 (1.77)	71.6 (1.69)	30.6 (1.73)	40.9 (1.85)
2009.....	2,937 (45.0)	1,407 (32.8)	1,531 (30.6)	70.1 (1.23)	27.7 (1.21)	42.4 (1.33)	66.0 (1.84)	25.1 (1.69)	40.9 (1.91)	73.8 (1.64)	30.1 (1.71)	43.8 (1.85)
2010 <sup>3</sup> .....	3,160 (91.8)	1,679 (64.6)	1,482 (58.4)	68.1 (1.49)	26.7 (1.52)	41.4 (1.61)	62.8 (1.88)	28.5 (2.03)	34.3 (1.97)	74.0 (2.31)	24.6 (2.32)	49.5 (2.59)
2011 <sup>3</sup> .....	3,079 (88.3)	1,611 (60.6)	1,468 (58.4)	68.2 (1.45)	25.9 (1.49)	42.3 (1.44)	64.7 (2.16)	24.7 (1.79)	40.0 (2.10)	72.2 (1.98)	27.3 (2.17)	44.9 (2.37)
2012 <sup>3</sup> .....	3,203 (96.2)	1,622 (70.1)	1,581 (54.0)	66.2 (1.59)	28.8 (1.57)	37.5 (1.60)	61.3 (2.17)	26.9 (2.20)	34.4 (2.15)	71.3 (2.11)	30.7 (2.09)	40.6 (2.21)
2013 <sup>3</sup> .....	2,977 (84.4)	1,524 (62.9)	1,453 (57.0)	65.9 (1.58)	23.8 (1.44)	42.1 (1.76)	63.5 (2.20)	24.5 (2.14)	39.0 (2.48)	68.4 (2.17)	23.0 (2.15)	45.3 (2.21)
2014 <sup>3</sup> .....	2,868 (78.5)	1,423 (58.1)	1,445 (57.5)	68.4 (1.67)	24.6 (1.56)	43.7 (1.81)	64.0 (2.32)	21.2 (2.07)	42.8 (2.69)	72.6 (2.50)	28.0 (2.35)	44.6 (2.57)
2015 <sup>3</sup> .....	2,965 (87.5)	1,448 (64.6)	1,516 (56.6)	69.2 (1.54)	25.2 (1.48)	44.0 (1.61)	65.8 (2.27)	24.3 (2.00)	41.5 (2.27)	72.5 (2.18)	26.2 (2.08)	46.4 (2.42)
2016 <sup>3</sup> .....	3,137 (102.3)	1,517 (70.6)	1,620 (66.7)	69.8 (1.64)	23.7 (1.56)	46.0 (1.85)	67.5 (2.12)	25.3 (2.26)	42.2 (2.47)	71.9 (2.40)	22.3 (1.99)	49.6 (2.46)

—Not available.

†Not applicable.

<sup>1</sup>Individuals ages 16 to 24 who graduated from high school or completed a GED or other high school equivalency credential.

<sup>2</sup>Enrollment in college as of October of each year for individuals ages 16 to 24 who had completed high school earlier in the calendar year.

<sup>3</sup>Beginning in 2010, standard errors were computed using replicate weights, which produced more precise values than the generalized variance function methodology used in prior years.

NOTE: Data are based on sample surveys of the civilian noninstitutionalized population. High school completion data in this table differ from figures appearing in other tables because of varying survey procedures and coverage. High school completers include GED recipients. Detail may not sum to totals because of rounding.

SOURCE: American College Testing Program, unpublished tabulations, derived from statistics collected by the Census Bureau, 1960 through 1969. U.S. Department of Commerce, Census Bureau, Current Population Survey (CPS), October, 1970 through 2016. (This table was prepared July 2017.)

**Table 302.20. Percentage of recent high school completers enrolled in college, by race/ethnicity: 1960 through 2016**  
[Standard errors appear in parentheses]

Year	Percent of recent high school completers <sup>1</sup> enrolled in college <sup>2</sup> (annual data)					3-year moving averages <sup>3</sup>								
	Total	White	Black	Hispanic	Asian <sup>4</sup>	Percent of recent high school completers <sup>1</sup> enrolled in college <sup>2</sup>					Difference between percent enrolled			
						Total	White	Black	Hispanic	Asian <sup>4</sup>	White-Black	White-Hispanic	White-Asian <sup>4</sup>	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	
1960 <sup>5</sup>	45.1 (2.16)	45.8 (2.24)	— (†)	— (†)	— (†)	46.6 (1.52)	47.7 (1.58)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)
1961 <sup>5</sup>	48.0 (2.12)	49.5 (2.22)	— (†)	— (†)	— (†)	47.4 (1.22)	48.7 (1.28)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)
1962 <sup>5</sup>	49.0 (2.08)	50.6 (2.19)	— (†)	— (†)	— (†)	47.4 (1.22)	48.6 (1.27)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)
1963 <sup>5</sup>	45.0 (2.12)	45.6 (2.21)	— (†)	— (†)	— (†)	47.5 (1.18)	48.5 (1.23)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)
1964 <sup>5</sup>	48.3 (1.92)	49.2 (2.01)	— (†)	— (†)	— (†)	48.5 (1.10)	49.2 (1.15)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)
1965 <sup>5</sup>	50.9 (1.73)	51.7 (1.81)	— (†)	— (†)	— (†)	49.9 (1.03)	51.0 (1.08)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)
1966 <sup>5</sup>	50.1 (1.74)	51.7 (1.82)	— (†)	— (†)	— (†)	51.0 (1.01)	52.1 (1.06)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)
1967 <sup>5</sup>	51.9 (1.44)	53.0 (1.52)	— (†)	— (†)	— (†)	52.5 (0.82)	53.8 (0.87)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)
1968 <sup>5</sup>	55.4 (1.41)	56.6 (1.50)	— (†)	— (†)	— (†)	53.6 (0.81)	55.0 (0.86)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)
1969 <sup>5</sup>	53.3 (1.36)	55.2 (1.43)	— (†)	— (†)	— (†)	53.5 (0.80)	54.6 (0.85)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)
1970 <sup>5</sup>	51.7 (1.38)	52.0 (1.46)	— (†)	— (†)	— (†)	52.9 (0.79)	53.8 (0.83)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)
1971 <sup>5</sup>	53.5 (1.35)	54.0 (1.42)	— (†)	— (†)	— (†)	51.5 (0.78)	51.9 (0.83)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)
1972	49.2 (1.33)	49.7 (1.45)	44.6 (4.74)	45.0 (12.85)	— (†)	49.7 (0.77)	50.5 (0.83)	38.4 (3.26)	49.9 (8.76)	— (†)	12.1 (3.36)	†	†	— (†)
1973	46.6 (1.31)	47.8 (1.43)	32.5 (4.40)	54.1 (11.89)	— (†)	47.8 (0.76)	48.2 (0.83)	41.4 (2.68)	48.8 (7.04)	— (†)	6.8 ! (2.81)	†	†	— (†)
1974	47.6 (1.30)	47.2 (1.42)	47.2 (4.69)	46.9 (11.79)	— (†)	48.3 (0.75)	48.7 (0.82)	40.5 (2.69)	53.1 (6.72)	— (†)	8.3 ! (2.82)	†	†	— (†)
1975	50.7 (1.29)	51.1 (1.40)	41.7 (4.81)	58.0 (11.14)	— (†)	49.1 (0.75)	49.1 (0.82)	44.5 (2.78)	52.7 (6.44)	— (†)	†	†	†	— (†)
1976	48.8 (1.33)	48.8 (1.45)	44.4 (4.94)	52.7 (10.52)	— (†)	50.1 (0.75)	50.3 (0.82)	45.3 (2.78)	53.6 (6.18)	— (†)	†	†	†	— (†)
1977	50.6 (1.30)	50.8 (1.42)	49.5 (4.70)	50.8 (10.43)	— (†)	49.9 (0.75)	50.1 (0.83)	46.8 (2.73)	48.8 (6.18)	— (†)	†	†	†	— (†)
1978	50.1 (1.29)	50.5 (1.42)	46.4 (4.55)	42.0 (11.06)	— (†)	50.0 (0.75)	50.4 (0.82)	47.5 (2.69)	46.1 (6.14)	— (†)	†	†	†	— (†)
1979	49.3 (1.29)	49.9 (1.42)	46.7 (4.73)	45.0 (10.37)	— (†)	49.6 (0.75)	50.1 (0.82)	45.2 (2.65)	46.3 (6.32)	— (†)	†	†	†	— (†)
1980	49.3 (1.31)	49.8 (1.44)	42.7 (4.48)	52.3 (11.39)	— (†)	50.8 (0.75)	51.5 (0.83)	44.0 (2.64)	49.6 (6.25)	— (†)	7.5 ! (2.76)	†	†	— (†)
1981	53.9 (1.31)	54.9 (1.45)	42.7 (4.48)	52.1 (10.73)	— (†)	51.3 (0.76)	52.4 (0.84)	40.3 (2.53)	48.7 (6.13)	— (†)	12.2 (2.66)	†	†	— (†)
1982	50.6 (1.38)	52.7 (1.54)	35.8 (4.39)	43.2 (10.37)	— (†)	52.4 (0.80)	54.2 (0.90)	38.8 (2.61)	49.4 (6.44)	— (†)	15.4 (2.76)	†	†	— (†)
1983	52.7 (1.41)	55.0 (1.57)	38.2 (4.41)	54.2 (11.69)	— (†)	52.8 (0.81)	55.5 (0.90)	38.0 (2.50)	46.7 (6.16)	— (†)	17.5 (2.66)	†	†	— (†)
1984	55.2 (1.39)	59.0 (1.57)	39.8 (4.21)	44.3 (10.00)	— (†)	55.1 (0.82)	57.9 (0.92)	39.9 (2.58)	49.3 (6.38)	— (†)	18.0 (2.74)	†	†	— (†)
1985	57.7 (1.47)	60.1 (1.64)	42.2 (4.86)	51.0 (9.79)	— (†)	55.5 (0.83)	58.6 (0.93)	39.5 (2.59)	46.1 (5.20)	— (†)	19.1 (2.75)	12.5 ! (5.28)	—	— (†)
1986	53.8 (1.45)	56.8 (1.64)	36.9 (4.44)	44.0 (8.88)	— (†)	56.1 (0.85)	58.5 (0.96)	43.5 (2.75)	42.3 (5.21)	— (†)	15.0 (2.91)	16.2 ! (5.30)	—	— (†)
1987	56.8 (1.48)	58.6 (1.68)	52.2 (4.90)	33.5 (8.28)	— (†)	56.5 (0.85)	58.8 (0.96)	44.2 (2.69)	45.0 (5.06)	— (†)	14.6 (2.86)	13.8 ! (5.15)	—	— (†)
1988	58.9 (1.60)	61.1 (1.82)	44.4 (4.98)	57.1 (9.60)	— (†)	58.4 (0.94)	60.1 (1.07)	49.7 (3.02)	48.5 (5.67)	— (†)	10.4 ! (3.20)	11.6 ! (5.77)	—	— (†)
1989	59.6 (1.58)	60.7 (1.79)	53.4 (5.07)	55.1 (9.21)	81.1 (10.23)	59.5 (0.90)	61.6 (1.02)	48.0 (2.87)	52.7 (5.54)	81.4 (6.36)	13.6 (3.04)	†	†	-19.8 ! (6.44)
1990	60.1 (1.60)	63.0 (1.80)	46.8 (5.08)	42.7 (10.82)	81.7 (8.12)	60.7 (0.92)	63.0 (1.04)	48.9 (2.97)	52.5 (5.70)	81.4 (6.36)	14.0 (3.14)	†	†	-18.5 ! (6.44)
1991	62.5 (1.62)	65.4 (1.82)	46.4 (5.24)	57.2 (9.57)	78.9 (9.04)	61.5 (0.92)	64.2 (1.05)	47.2 (2.93)	52.6 (5.52)	80.6 (5.21)	17.0 (3.11)	11.7 ! (5.62)	—	-16.3 ! (5.31)
1992	61.9 (1.58)	64.3 (1.84)	48.2 (4.91)	55.0 (8.50)	81.7 (7.00)	62.3 (0.92)	64.2 (1.06)	50.0 (2.97)	58.2 (5.04)	80.9 (4.58)	14.2 (3.16)	†	†	-16.7 (4.70)
1993	62.6 (1.59)	62.9 (1.86)	55.6 (5.27)	62.2 (8.21)	86.2 (6.63)	62.1 (0.91)	63.9 (1.04)	51.3 (2.96)	55.7 (4.97)	82.5 (4.30)	12.6 (3.14)	†	†	-18.6 (4.42)
1994	61.9 (1.54)	64.9 (1.74)	50.8 (5.20)	49.1 (9.00)	78.3 (8.55)	62.1 (0.89)	64.0 (1.03)	52.4 (2.97)	55.0 (4.63)	82.2 (4.25)	11.5 (3.14)	†	†	-18.2 (4.37)
1995	61.9 (1.41)	64.3 (1.65)	51.2 (4.22)	53.7 (4.94)	83.0 (6.94)	63.0 (0.81)	65.4 (0.94)	52.9 (2.40)	51.6 (3.19)	82.7 (4.47)	12.5 (2.58)	13.8 (3.33)	—	-17.3 (4.57)
1996	65.0 (1.42)	67.4 (1.66)	56.0 (4.03)	50.8 (5.79)	85.3 (5.21)	64.7 (0.82)	66.6 (0.97)	55.4 (2.41)	57.6 (2.96)	82.7 (3.59)	11.3 (2.60)	9.0 ! (3.11)	—	-16.0 (3.72)
1997	67.0 (1.37)	68.2 (1.64)	58.5 (4.11)	65.6 (4.52)	80.5 (6.09)	65.9 (0.80)	68.1 (0.94)	58.8 (2.35)	55.3 (2.93)	83.0 (3.49)	9.3 (2.53)	12.8 (3.08)	—	-15.0 (3.62)
1998	65.6 (1.38)	68.5 (1.61)	61.9 (4.04)	47.4 (4.92)	85.5 (5.71)	65.2 (0.80)	67.7 (0.94)	59.8 (2.31)	51.9 (2.79)	83.8 (3.28)	7.9 ! (2.49)	15.7 (2.94)	—	-16.1 (3.41)
1999	62.9 (1.38)	66.3 (1.63)	58.9 (3.85)	42.3 (4.76)	78.3 (5.73)	64.0 (0.80)	66.8 (0.94)	58.6 (2.31)	47.4 (2.84)	81.1 (3.40)	8.3 ! (2.50)	19.5 (2.99)	—	-14.3 (3.53)
2000	63.3 (1.41)	65.7 (1.66)	54.9 (4.10)	52.9 (5.03)	81.0 (6.29)	62.7 (0.82)	65.4 (0.96)	56.4 (2.33)	48.6 (2.96)	81.3 (3.44)	9.1 (2.52)	16.9 (3.11)	—	-15.8 (3.57)
2001	61.8 (1.41)	64.3 (1.63)	55.0 (3.96)	51.7 (5.33)	73.8 (8.71)	63.5 (0.78)	66.3 (0.92)	56.4 (2.26)	52.8 (2.78)	78.4 (3.87)	10.0 (2.44)	13.5 (2.93)	—	-12.0 ! (3.97)
2002	65.2 (1.31)	69.1 (1.55)	59.4 (3.90)	53.6 (4.46)	83.7 (6.51)	63.7 (0.78)	66.5 (0.92)	57.3 (2.33)	54.8 (2.75)	71.9 (4.05)	9.3 (2.50)	11.7 (2.90)	—	†
2003 <sup>6</sup>	63.9 (1.35)	66.2 (1.61)	57.5 (4.25)	58.6 (4.61)	84.1 (5.10)	65.3 (0.77)	68.0 (0.91)	59.9 (2.29)	57.7 (2.66)	74.2 (3.51)	8.1 ! (2.46)	10.3 (2.81)	—	†
2004 <sup>6</sup>	66.7 (1.31)	68.8 (1.57)	62.5 (3.77)	61.8 (4.76)	75.6 (6.13)	66.4 (0.77)	69.4 (0.91)	58.8 (2.34)	57.7 (2.60)	81.6 (3.37)	10.6 (2.51)	11.7 (2.75)	—	-12.2 (3.49)
2005 <sup>6</sup>	68.6 (1.31)	73.2 (1.52)	55.7 (4.15)	54.0 (4.18)	86.7 (5.99)	67.1 (0.76)	70.2 (0.90)	58.2 (2.35)	57.5 (2.52)	80.9 (3.64)	12.0 (2.52)	12.6 (2.67)	—	-10.7 ! (3.75)
2006 <sup>6</sup>	66.0 (1.33)	68.5 (1.60)	55.5 (4.33)	57.9 (4.18)	82.3 (5.32)	67.2 (0.75)	70.4 (0.89)	55.6 (2.35)	58.5 (2.43)	85.1 (3.64)	14.7 (2.51)	11.9 (2.59)	—	-14.7 (3.74)
2007 <sup>6</sup>	67.2 (1.26)	69.5 (1.49)	55.7 (3.78)	64.0 (4.22)	88.8 (6.26)	67.3 (0.73)	70.0 (0.87)	55.7 (2.27)	62.0 (2.33)	85.8 (3.45)	14.3 (2.43)	8.0 ! (2.48)	—	-15.8 (3.56)
2008 <sup>6</sup>	68.6 (1.21)	71.7 (1.44)	55.7 (3.78)	63.9 (3.72)	88.4 (5.08)	68.6 (0.71)	70.8 (0.86)	60.3 (2.15)	62.3 (2.25)	90.1 (3.01)	10.5 (2.31)	8.6 (2.41)	—	-19.2 (3.13)
2009 <sup>6</sup>	70.1 (1.23)	71.3 (1.53)	69.5 (3.51)	59.3 (3.80)	92.1 (3.90)	68.9 (0.70)	71.2 (0.86)	62.4 (2.09)	60.9 (2.14)	88.1 (2.85)	8.8 (2.26)	10.3 (2.31)	—	-16.9 (2.98)
2010 <sup>6,7</sup>	68.1 (1.49)	70.5 (1.68)	62.0 (4.81)	59.7 (4.18)	84.7 (5.27)	68.8 (0.71)	70.1 (0.90)	66.1 (2.01)	62.3 (2.01)	87.4 (2.78)	†	7.8 (2.21)	—	-17.3 (2.92)
2011 <sup>6,7</sup>	68.2 (1.45)	68.3 (1.86)	67.1 (4.01)	66.6 (3.50)	86.1 (4.25)	67.5 (0.89)	68.2 (1.03)	62.1 (2.86)	66.1 (2.17)	83.9 (2.79)	6.1 ! (3.04)	†	—	-15.7 (2.97)
2012 <sup>6,7</sup>	66.2 (1.59)	65.7 (1.94)	56.4 (4.84)	70.3 (3.22)	81.5 (5.15)	66.8 (0.94)	67.6 (1.12)	60.5 (2.64)	65.9 (1.99)	82.3 (3.59)	7.1 ! (2.87)	†	—	-14.7 (3.76)
2013 <sup>6,7</sup>	65.9 (1.58)	68.8 (1.90)	56.7 (5.59)	59.8 (3.62)	80.1 (6.52)	66.8 (0.98)	67.4 (1.26)	60.7 (3.09)	65.5 (2.06)	83.6 (3.20)	6.7 ! (3.34)	†	—	-16.2 (3.44)
2014 <sup>6,7</sup>	68.4 (1.67)	67.7 (2.25)	70.2 (4.56)	65.2 (4.08)	90.9 (3.91)	67.8 (1.00)	69.3 (1.17)	60.6 (3.40)	64.7 (2.16)	84.2 (3.16)	8.8 ! (3.59)	†	—	-14.9 (3.37)
2015 <sup>6,7</sup>	69.2 (1.54)	71.3 (1.74)	55.6 (5.69)	68.9 (3.64)	83.2 (4.65)	69.1 (1.07)	69.6 (1.32)	60.8 (3.41)	69.0 (2.05)	88.5 (2.48)	8.8 ! (3.66)	†	—	-18.9 (2.81)
2016 <sup>6,7</sup>	69.8 (1.64)	69.7 (2.34)	57.3 (6.11)	72.0 (3.24)	91.9 (3.65)	69.5 (1.25)	70.5 (1.59)	56.5 (4.38)	70.6 (2.48)	87.4 (2.99)	14.1 ! (4.66)	†	—	-16.9 (3.39)

—Not available.  
†Not applicable.  
!Interpret data with caution. The coefficient of variation (CV) for this estimate is between 30 and 50 percent.  
‡Reporting standards not met. The coefficient of variation (CV) for this estimate is 50 percent or greater.  
<sup>1</sup>Individuals ages 16 to 24 who graduated from high school or completed a GED or other high school equivalency credential.  
<sup>2</sup>Enrollment in college as of October of each year for individuals ages 16 to 24 who had completed high school earlier in the calendar year.  
<sup>3</sup>A 3-year moving average is a weighted average of the year indicated, the year immediately preceding, and the year immediately following. For the first and final years of available data, a 2-year moving average is used: The moving average for 1960 reflects an average of 1960 and 1961; for Black and Hispanic data, the moving average for 1972 reflects an average of 1972 and 1973; for Asian data, the moving average for 2003 reflects an average of 2003 and

2004; and the moving average for 2016 reflects an average of 2015 and 2016. Moving averages are used to produce more stable estimates.  
<sup>4</sup>Prior to 2003, Asian data include Pacific Islanders.  
<sup>5</sup>Prior to 1972, White data include persons of Hispanic ethnicity.  
<sup>6</sup>After 2002, White, Black, and Asian data exclude persons of Two or more races.  
<sup>7</sup>Beginning in 2010, standard errors were computed using replicate weights, which produced more precise values than the generalized variance function methodology used in prior years.  
NOTE: Data are based on sample surveys of the civilian noninstitutionalized population. Includes enrollment in 2-year colleges and in 4-year colleges and universities. Race categories exclude persons of Hispanic ethnicity except where otherwise noted. Total includes persons of other racial/ethnic groups not separately shown. Some data have been revised from previously published figures.  
SOURCE: American College Testing Program, unpublished tabulations, derived from statistics collected by the Census Bureau, 1960 through 1969. U.S. Department of Commerce, Census Bureau, Current Population Survey (CPS), October, 1970 through 2016. (This table was prepared July 2017.)

**Table 302.30. Percentage of recent high school completers enrolled in college, by income level: 1975 through 2016**  
[Standard errors appear in parentheses]

Year	Percent of recent high school completers <sup>1</sup> enrolled in college <sup>2</sup> (annual data)				3-year moving averages <sup>3</sup>					
					Percent of recent high school completers <sup>1</sup> enrolled in college <sup>2</sup>				Difference between percent enrolled	
	Total	Low income	Middle income	High income	Total	Low income	Middle income	High income	High-low income	High-middle income
1	2	3	4	5	6	7	8	9	10	11
1975.....	50.7 (1.29)	31.2 (3.65)	46.2 (1.72)	64.5 (2.13)	49.1 (0.75)	34.7 (2.79)	43.5 (1.24)	63.7 (1.49)	29.0 (3.16)	20.2 (1.94)
1976.....	48.8 (1.33)	39.1 (4.27)	40.5 (1.79)	63.0 (2.09)	50.1 (0.75)	32.3 (2.21)	43.8 (1.02)	64.6 (1.20)	32.3 (2.51)	20.8 (1.57)
1977.....	50.6 (1.30)	27.7 (3.56)	44.2 (1.77)	66.3 (2.02)	49.9 (0.75)	32.4 (2.23)	43.1 (1.02)	64.4 (1.19)	32.1 (2.53)	21.4 (1.57)
1978.....	50.1 (1.29)	31.4 (3.76)	44.3 (1.75)	64.0 (2.06)	50.0 (0.75)	29.8 (2.14)	43.9 (1.02)	64.5 (1.18)	34.6 (2.45)	20.5 (1.56)
1979.....	49.3 (1.29)	30.5 (3.80)	43.2 (1.75)	63.2 (2.05)	49.6 (0.75)	31.6 (2.12)	43.4 (1.02)	64.1 (1.19)	32.6 (2.44)	20.8 (1.57)
1980.....	49.3 (1.31)	32.5 (3.49)	42.5 (1.79)	65.2 (2.09)	50.8 (0.75)	32.2 (2.15)	45.0 (1.02)	65.3 (1.20)	33.0 (2.47)	20.2 (1.58)
1981.....	53.9 (1.31)	33.6 (3.93)	49.2 (1.76)	67.6 (2.10)	51.3 (0.76)	32.9 (2.12)	44.5 (1.02)	67.9 (1.20)	34.9 (2.44)	23.4 (1.57)
1982.....	50.6 (1.38)	32.8 (3.87)	41.7 (1.84)	70.9 (2.16)	52.4 (0.80)	33.6 (2.33)	45.4 (1.08)	69.6 (1.27)	36.0 (2.65)	24.2 (1.67)
1983.....	52.7 (1.41)	34.6 (4.07)	45.2 (1.90)	70.3 (2.20)	52.8 (0.81)	34.0 (2.23)	45.1 (1.09)	71.7 (1.25)	37.8 (2.55)	26.7 (1.66)
1984.....	55.2 (1.39)	34.5 (3.67)	48.4 (1.92)	74.0 (2.12)	55.1 (0.82)	36.3 (2.29)	48.0 (1.13)	72.9 (1.25)	36.6 (2.61)	24.9 (1.69)
1985.....	57.7 (1.47)	40.2 (4.20)	50.6 (2.05)	74.6 (2.19)	55.5 (0.83)	35.9 (2.21)	49.1 (1.15)	73.2 (1.27)	37.3 (2.55)	24.1 (1.71)
1986.....	53.8 (1.45)	33.9 (3.64)	48.5 (2.00)	71.0 (2.31)	56.1 (0.85)	36.8 (2.26)	49.6 (1.18)	73.2 (1.29)	36.4 (2.60)	23.5 (1.75)
1987.....	56.8 (1.48)	36.9 (3.94)	50.0 (2.10)	73.8 (2.19)	56.5 (0.85)	37.6 (2.25)	51.1 (1.17)	72.6 (1.32)	35.0 (2.60)	21.5 (1.76)
1988.....	58.9 (1.60)	42.5 (4.46)	54.7 (2.17)	72.8 (2.56)	58.4 (0.94)	42.4 (2.58)	53.4 (1.30)	72.5 (1.46)	30.2 (2.97)	19.1 (1.96)
1989.....	59.6 (1.58)	48.1 (4.40)	55.4 (2.20)	70.7 (2.52)	59.5 (0.90)	45.6 (2.57)	54.9 (1.23)	73.2 (1.44)	27.6 (2.95)	18.4 (1.90)
1990.....	60.1 (1.60)	46.7 (4.76)	54.4 (2.14)	76.6 (2.54)	60.7 (0.92)	44.8 (2.63)	56.0 (1.27)	75.0 (1.44)	30.2 (3.00)	19.0 (1.92)
1991.....	62.5 (1.62)	39.5 (4.50)	58.4 (2.25)	78.2 (2.39)	61.5 (0.92)	42.2 (2.62)	56.5 (1.26)	78.0 (1.40)	35.8 (2.97)	21.4 (1.88)
1992.....	61.9 (1.58)	40.9 (4.37)	57.0 (2.18)	79.0 (2.35)	62.3 (0.92)	43.6 (2.60)	57.4 (1.26)	78.8 (1.38)	35.3 (2.94)	21.4 (1.87)
1993.....	62.6 (1.59)	50.4 (4.56)	56.9 (2.15)	79.3 (2.46)	62.1 (0.91)	44.7 (2.55)	57.3 (1.23)	78.7 (1.39)	34.0 (2.90)	21.5 (1.86)
1994.....	61.9 (1.54)	43.3 (4.27)	57.8 (2.09)	77.9 (2.40)	62.1 (0.89)	42.0 (2.45)	57.0 (1.23)	80.4 (1.31)	38.4 (2.78)	23.4 (1.80)
1995.....	61.9 (1.41)	34.2 (3.57)	56.0 (2.00)	83.5 (1.87)	63.0 (0.81)	42.1 (2.16)	58.9 (1.12)	79.9 (1.21)	37.8 (2.48)	21.0 (1.65)
1996.....	65.0 (1.42)	48.6 (3.78)	62.7 (1.95)	78.0 (2.27)	64.7 (0.82)	47.1 (2.18)	59.9 (1.16)	81.3 (1.19)	34.3 (2.49)	21.4 (1.66)
1997.....	67.0 (1.37)	57.0 (3.65)	60.7 (1.97)	82.2 (1.98)	65.9 (0.80)	50.6 (2.13)	62.7 (1.12)	79.3 (1.24)	28.7 (2.47)	16.6 (1.67)
1998.....	65.6 (1.38)	46.4 (3.62)	64.7 (1.89)	77.5 (2.20)	65.2 (0.80)	50.3 (2.13)	61.9 (1.10)	78.4 (1.24)	28.1 (2.47)	16.6 (1.66)
1999.....	62.9 (1.38)	47.6 (3.77)	60.2 (1.87)	75.4 (2.26)	64.0 (0.80)	47.9 (2.13)	61.5 (1.10)	76.6 (1.29)	28.7 (2.49)	15.1 (1.70)
2000.....	63.3 (1.41)	49.7 (3.67)	59.5 (1.97)	76.9 (2.22)	62.7 (0.82)	47.1 (2.16)	58.8 (1.14)	77.4 (1.29)	30.3 (2.52)	18.6 (1.72)
2001.....	61.8 (1.41)	43.8 (3.61)	56.4 (1.97)	80.0 (2.08)	63.5 (0.78)	49.9 (2.07)	59.1 (1.08)	78.3 (1.22)	28.4 (2.40)	19.3 (1.63)
2002.....	65.2 (1.31)	56.3 (3.64)	60.9 (1.78)	78.2 (2.12)	63.7 (0.78)	50.9 (2.14)	58.4 (1.08)	79.5 (1.20)	28.6 (2.45)	21.0 (1.61)
2003.....	63.9 (1.35)	52.8 (3.83)	57.6 (1.87)	80.1 (2.02)	65.3 (0.77)	52.5 (2.20)	60.6 (1.05)	79.5 (1.18)	27.0 (2.49)	18.9 (1.58)
2004.....	66.7 (1.31)	47.8 (3.95)	63.3 (1.79)	80.1 (1.98)	66.4 (0.77)	51.4 (2.24)	62.0 (1.05)	80.5 (1.15)	29.0 (2.52)	18.5 (1.56)
2005.....	68.6 (1.31)	53.5 (3.86)	65.1 (1.81)	81.2 (1.98)	67.1 (0.76)	50.8 (2.26)	63.3 (1.04)	80.7 (1.15)	29.9 (2.53)	17.4 (1.55)
2006.....	66.0 (1.33)	50.9 (3.92)	61.4 (1.82)	80.7 (2.01)	67.2 (0.75)	54.5 (2.18)	63.3 (1.03)	80.0 (1.15)	25.5 (2.47)	16.7 (1.55)
2007.....	67.2 (1.26)	58.4 (3.57)	63.3 (1.73)	78.2 (2.01)	67.3 (0.73)	55.3 (2.11)	63.5 (0.99)	80.2 (1.14)	24.9 (2.40)	16.8 (1.51)
2008.....	68.6 (1.21)	55.9 (3.50)	65.2 (1.62)	81.9 (1.90)	68.6 (0.71)	56.1 (2.08)	65.1 (0.96)	81.4 (1.11)	25.3 (2.36)	16.2 (1.47)
2009.....	70.1 (1.23)	53.9 (3.75)	66.7 (1.66)	84.2 (1.84)	68.9 (0.70)	53.3 (2.02)	66.2 (0.94)	82.8 (1.10)	29.5 (2.30)	16.6 (1.44)
2010 <sup>4</sup> .....	68.1 (1.49)	50.7 (3.88)	66.7 (2.03)	82.2 (2.34)	68.8 (0.71)	52.6 (1.97)	66.5 (0.94)	83.0 (1.12)	30.4 (2.27)	16.4 (1.46)
2011 <sup>4</sup> .....	68.2 (1.45)	53.5 (4.25)	66.2 (1.94)	82.4 (2.46)	67.5 (0.89)	51.6 (2.47)	65.9 (1.11)	81.7 (1.42)	30.1 (2.85)	15.9 (1.81)
2012 <sup>4</sup> .....	66.2 (1.59)	50.9 (4.39)	64.7 (2.10)	80.7 (2.54)	66.8 (0.94)	50.3 (2.63)	64.9 (1.26)	80.4 (1.59)	30.1 (3.07)	15.5 (2.03)
2013 <sup>4</sup> .....	65.9 (1.58)	45.5 (4.31)	63.8 (2.32)	78.5 (2.68)	66.8 (0.98)	51.6 (2.74)	64.0 (1.36)	80.8 (1.46)	29.2 (3.10)	16.8 (2.00)
2014 <sup>4</sup> .....	68.4 (1.67)	57.8 (4.42)	63.6 (2.31)	83.6 (2.17)	67.8 (1.00)	57.5 (2.54)	63.2 (1.36)	81.7 (1.41)	24.2 (2.91)	18.5 (1.96)
2015 <sup>4</sup> .....	69.2 (1.54)	69.2 (4.42)	62.2 (2.04)	83.2 (2.33)	69.1 (1.07)	64.0 (2.29)	63.6 (1.31)	83.1 (1.32)	19.1 (2.64)	19.5 (1.86)
2016 <sup>4</sup> .....	69.8 (1.64)	65.4 (3.82)	65.0 (2.15)	82.5 (2.48)	69.5 (1.25)	67.1 (2.85)	63.7 (1.56)	82.9 (1.69)	15.8 (3.32)	19.2 (2.30)

<sup>1</sup>Individuals ages 16 to 24 who graduated from high school or completed a GED or other high school equivalency credential.

<sup>2</sup>Enrollment in college as of October of each year for individuals ages 16 to 24 who had completed high school earlier in the calendar year.

<sup>3</sup>A 3-year moving average is a weighted average of the year indicated, the year immediately preceding, and the year immediately following. For 1975 and 2016, a 2-year moving average is used. The moving average for income groups in 1975 reflects an average of 1975 and 1976, and the moving average for 2016 reflects an average of 2015 and 2016. Moving averages are used to produce more stable estimates.

<sup>4</sup>Beginning in 2010, standard errors were computed using replicate weights, which produced more precise values than the generalized variance function methodology used in prior years.

NOTE: Data are based on sample surveys of the civilian noninstitutionalized population. Includes enrollment in 2-year colleges and in 4-year colleges and universities. Low income refers to the bottom 20 percent of all family incomes, high income refers to the top 20 percent of all family incomes, and middle income refers to the 60 percent in between. Some data have been revised from previously published figures.

SOURCE: U.S. Department of Commerce, Census Bureau, Current Population Survey (CPS), October, 1975 through 2016. (This table was prepared July 2017.)

**Table 302.40. Number of high schools with 12th-graders and percentage of high school graduates attending 4-year colleges, by selected high school characteristics: Selected years, 1998–99 through 2011–12**

[Standard errors appear in parentheses]

Selected high school characteristic	Number of high schools with 12th-graders				Graduation rate of 12th-graders in 2010–11 <sup>1</sup>	Percent of graduates attending 4-year colleges			
	1998–99	2002–03	2006–07	2010–11		1998–99 graduates attending in 1999–2000	2002–03 graduates attending in 2003–04	2006–07 graduates attending in 2007–08	2010–11 graduates attending in 2011–12
1	2	3	4	5	6	7	8	9	10
<b>Public high schools</b> .....	<b>20,000</b> (230)	<b>22,500</b> (400)	<b>24,100</b> (540)	<b>23,300</b> (330)	<b>88.7</b> (0.90)	<b>35.4</b> (0.43)	<b>35.0</b> (0.61)	<b>39.5</b> (0.91)	<b>39.4</b> (0.59)
Percent of students who are Black, Hispanic, Asian, Pacific Islander, American Indian/Alaska Native, or Two or more races									
Less than 5 percent .....	6,400 (170)	6,100 (220)	5,200 (270)	3,600 (140)	94.7 (1.19)	41.3 (0.67)	42.6 (0.96)	46.8 (1.54)	43.9 (1.40)
5 to 19 percent .....	4,800 (180)	5,200 (270)	5,400 (320)	5,700 (310)	92.4 (2.55)	36.6 (0.88)	38.0 (1.77)	48.4 (2.06)	44.9 (1.02)
20 to 49 percent .....	4,000 (170)	4,700 (180)	6,200 (440)	5,900 (270)	91.2 (1.14)	32.5 (0.92)	34.1 (1.27)	35.0 (1.89)	39.6 (1.31)
50 percent or more .....	4,800 (150)	6,500 (280)	7,300 (430)	8,100 (320)	81.7 (1.58)	28.7 (0.89)	25.8 (1.43)	30.8 (2.00)	33.0 (1.17)
Percent of students approved for free or reduced-price lunch									
School does not participate .....	2,400 (130)	2,400 (230)	2,800 (320)	1,900 (250)	72.8 (7.11)	30.0 (1.75)	23.2 (2.26)	25.4 (4.12)	27.6 (5.24)
0 to 25 percent .....	8,600 (180)	6,800 (230)	6,700 (360)	5,100 (220)	93.3 (1.02)	42.6 (0.67)	46.9 (0.78)	52.1 (1.63)	50.7 (1.42)
26 to 50 percent .....	4,800 (160)	6,700 (220)	7,300 (350)	6,800 (230)	92.8 (0.91)	33.4 (0.81)	36.7 (1.08)	41.5 (1.44)	42.5 (1.00)
51 to 75 percent .....	2,300 (140)	4,000 (270)	4,100 (290)	5,100 (260)	90.3 (1.06)	29.1 (1.57)	27.3 (1.58)	33.2 (1.91)	35.8 (1.35)
76 to 100 percent .....	2,000 (100)	2,600 (260)	3,300 (360)	4,300 (230)	82.3 (1.93)	22.2 (1.35)	20.7 (2.79)	26.0 (2.93)	29.1 (1.66)
School locale									
City .....	— (†)	4,500 (240)	4,800 (300)	5,100 (220)	81.3 (3.11)	— (†)	32.5 (1.61)	36.1 (2.73)	38.6 (1.53)
Suburb .....	— (†)	4,800 (200)	5,400 (360)	4,800 (160)	86.1 (1.50)	— (†)	40.3 (1.11)	41.2 (2.35)	42.2 (1.42)
Town .....	— (†)	3,700 (200)	3,900 (310)	3,300 (260)	89.9 (2.21)	— (†)	31.1 (1.65)	35.2 (2.28)	35.3 (1.76)
Rural .....	— (†)	9,500 (390)	10,000 (460)	10,100 (260)	93.4 (0.67)	— (†)	35.2 (1.28)	41.9 (1.47)	39.8 (0.88)
<b>Private high schools</b> .....	<b>7,600</b> (240)	<b>8,200</b> (260)	<b>8,900</b> (280)	<b>8,900</b> (310)	<b>92.4</b> (1.34)	<b>55.6</b> (1.74)	<b>56.2</b> (1.77)	<b>66.5</b> (1.57)	<b>64.3</b> (2.10)
Percent of students who are Black, Hispanic, Asian, Pacific Islander, American Indian/Alaska Native, or Two or more races									
Less than 5 percent .....	2,700 (150)	2,500 (180)	2,100 (160)	1,600 (190)	96.1 (1.72)	53.3 (2.85)	54.4 (3.31)	68.2 (3.81)	58.0 (6.31)
5 to 19 percent .....	2,500 (130)	2,900 (170)	3,500 (200)	3,100 (230)	95.1 (1.90)	63.6 (2.37)	64.2 (2.71)	70.3 (2.24)	67.9 (3.40)
20 to 49 percent .....	1,400 (100)	1,700 (140)	2,000 (190)	2,200 (200)	90.4 (2.33)	55.3 (3.29)	56.7 (3.70)	58.7 (3.39)	69.4 (3.89)
50 percent or more .....	1,000 (110)	1,100 (140)	1,400 (130)	1,900 (190)	87.1 (3.49)	41.6 (5.34)	38.3 (4.52)	65.3 (3.37)	57.6 (5.18)
Percent of students approved for free or reduced-price lunch									
School does not participate .....	6,700 (230)	7,100 (250)	7,300 (280)	7,400 (280)	93.3 (1.27)	57.0 (1.74)	56.2 (2.00)	68.3 (1.77)	66.5 (2.29)
0 to 25 percent .....	700 (70)	600 (80)	700 (100)	600 (80)	96.8 (2.45)	53.8 (5.69)	66.2 (4.35)	73.2 (4.64)	74.6 (5.23)
26 to 100 percent .....	† (†)	400 (80)	1,000 (130)	900 (140)	83.0 (5.65)	† (†)	38.9 (6.70)	46.7 (6.86)	37.8 (8.06)
School locale									
City .....	— (†)	— (†)	3,100 (170)	† (†)	† (†)	— (†)	— (†)	71.8 (2.62)	† (†)
Suburb .....	— (†)	— (†)	2,800 (180)	† (†)	† (†)	— (†)	— (†)	67.0 (2.99)	† (†)
Town .....	— (†)	— (†)	1,000 (150)	† (†)	† (†)	— (†)	— (†)	63.8 (5.02)	† (†)
Rural .....	— (†)	— (†)	2,000 (190)	† (†)	† (†)	— (†)	— (†)	58.9 (3.54)	† (†)

—Not available.

†Not applicable.

‡Reporting standards not met. Data may be suppressed because the response rate is under 50 percent, there are too few cases for a reliable estimate, or the coefficient of variation (CV) is 50 percent or greater.

<sup>1</sup>The 12th-grade graduation rate is the number of students who graduated from grade 12 with a diploma during the 2010–11 school year divided by 12th-grade enrollment in October 2010.

NOTE: Data are based on a sample survey and may not be strictly comparable with data reported elsewhere. Includes all schools, including combined schools, with students enrolled in the 12th grade. Some data have been revised from previously published figures. Detail may not sum to totals because of rounding.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Schools and Staffing Survey (SASS), "Public School Teacher Data File" and "Private School Teacher Data File," 1999–2000, 2003–04, 2007–08, and 2011–12; and "Charter School Teacher Data File," 1999–2000. (This table was prepared April 2014.)

**Table 302.43. Percentage distribution of fall 2009 ninth-graders who had completed high school, by postsecondary enrollment status in fall 2013, and selected measures of their high school achievement and selected student characteristics: 2013**

[Standard errors appear in parentheses]

Selected student characteristic	All students who had completed high school	Students not enrolled in a postsecondary institution	Students enrolled in a postsecondary institution													
			Total enrolled in a postsecondary institution	Enrolled in a degree or certificate program						Taking classes only, not enrolled in program						
				Total, all programs	Occupational certificate program <sup>1</sup>		Associate's degree program		Bachelor's degree program							
1	2	3	4	5	6		7		8	9						
Percentage distribution																
<b>Total</b> .....	<b>100.0</b>	<b>(t)</b>	<b>25.5</b>	<b>(0.85)</b>	<b>74.5</b>	<b>(0.85)</b>	<b>60.1</b>	<b>(0.88)</b>	<b>3.3</b>	<b>(0.27)</b>	<b>25.0</b>	<b>(0.60)</b>	<b>31.8</b>	<b>(0.85)</b>	<b>14.5</b>	<b>(0.56)</b>
Sex																
Male.....	100.0	(t)	30.0	(1.22)	70.0	(1.22)	56.6	(1.32)	3.4	(0.41)	23.1	(0.84)	30.1	(1.07)	13.4	(0.76)
Female.....	100.0	(t)	21.0	(0.92)	79.0	(0.92)	63.5	(0.96)	3.3	(0.34)	26.8	(0.80)	33.4	(0.97)	15.5	(0.77)
Race/ethnicity																
White.....	100.0	(t)	23.4	(0.81)	76.6	(0.81)	65.1	(0.83)	3.1	(0.33)	23.3	(0.75)	38.7	(1.01)	11.6	(0.54)
Black.....	100.0	(t)	28.8	(2.11)	71.2	(2.11)	52.9	(2.73)	3.3	(0.78)	25.9	(1.93)	23.8	(2.37)	18.3	(1.97)
Hispanic.....	100.0	(t)	30.0	(2.36)	70.0	(2.36)	51.5	(2.07)	4.1	(0.74)	29.1	(1.74)	18.3	(1.38)	18.4	(1.59)
Asian.....	100.0	(t)	10.2	(2.38)	89.8	(2.38)	73.6	(2.74)	0.9	(0.37)	22.5	(2.46)	50.1	(3.57)	16.2	(2.21)
Pacific Islander.....	100.0	(t)	‡	(t)	80.2	(10.01)	39.9	! (13.24)	‡	(t)	‡	(t)	17.7	! (7.74)	40.3	! (15.26)
American Indian/Alaska Native.....	100.0	(t)	27.5	(7.09)	72.5	(7.09)	60.6	(6.79)	16.1	! (7.64)	22.0	! (7.58)	22.5	! (10.09)	11.9	! (5.06)
Two or more races.....	100.0	(t)	28.8	(2.52)	71.2	(2.52)	56.4	(2.44)	3.2	! (1.08)	25.2	(1.97)	28.0	(2.18)	14.8	(1.89)
Socioeconomic status (SES) <sup>2</sup>																
Low SES.....	100.0	(t)	41.1	(1.89)	58.9	(1.89)	40.8	(2.11)	5.3	(0.80)	23.1	(1.57)	12.3	(1.39)	18.2	(1.68)
Middle SES.....	100.0	(t)	26.7	(1.00)	73.3	(1.00)	58.4	(1.04)	3.4	(0.36)	27.4	(0.79)	27.6	(0.92)	14.9	(0.67)
High SES.....	100.0	(t)	8.4	(0.67)	91.6	(0.67)	81.5	(1.01)	1.4	(0.36)	19.8	(0.98)	60.4	(1.36)	10.1	(0.82)
Highest mathematics course completed in high school																
Algebra I or below.....	100.0	(t)	56.2	(3.79)	43.8	(3.79)	28.7	(3.01)	9.5	(1.93)	15.5	(2.23)	3.7	! (1.33)	15.0	(2.67)
Geometry.....	100.0	(t)	53.5	(3.39)	46.5	(3.39)	30.5	(2.57)	5.0	(1.17)	21.5	(2.58)	4.0	(0.87)	16.0	(2.34)
Algebra II/trigonometry.....	100.0	(t)	31.2	(1.39)	68.8	(1.39)	52.2	(1.37)	4.6	(0.69)	29.7	(1.31)	17.9	(1.23)	16.6	(1.05)
Other math <sup>3</sup> .....	100.0	(t)	25.5	(1.77)	74.5	(1.77)	60.3	(1.82)	3.2	(0.48)	29.7	(1.58)	27.5	(1.54)	14.2	(1.18)
Precalculus.....	100.0	(t)	11.7	(1.07)	88.3	(1.07)	72.8	(1.28)	1.5	(0.31)	24.7	(1.15)	46.6	(1.47)	15.5	(0.96)
Calculus <sup>4</sup> .....	100.0	(t)	5.1	(0.89)	94.9	(0.89)	86.7	(1.44)	0.6	! (0.26)	16.4	(1.34)	69.8	(1.72)	8.2	(1.04)
Ever took dual enrollment course(s) in high school.....	100.0	(t)	9.3	(0.93)	90.7	(0.93)	79.9	(1.27)	1.8	(0.39)	29.2	(1.33)	48.9	(1.44)	10.8	(0.96)
As 9th-grader, expected to complete																
High school or less.....	100.0	(t)	47.0	(2.49)	53.0	(2.49)	36.4	(2.29)	4.8	(1.24)	21.7	(1.83)	9.9	(2.15)	16.6	(2.00)
Some college.....	100.0	(t)	33.0	(2.66)	67.0	(2.66)	49.9	(3.28)	7.1	(1.17)	29.0	(2.89)	13.8	(1.82)	17.1	(2.33)
Bachelor's or graduate/professional degree.....	100.0	(t)	17.1	(0.75)	82.9	(0.75)	69.7	(0.90)	2.3	(0.28)	25.9	(0.75)	41.6	(0.94)	13.1	(0.60)
Bachelor's degree.....	100.0	(t)	41.7	(1.92)	58.3	(1.92)	41.5	(1.84)	5.7	(0.83)	24.5	(1.53)	11.4	(1.39)	16.8	(1.38)
Graduate or professional degree.....	100.0	(t)	20.2	(1.23)	79.8	(1.23)	65.8	(1.72)	2.1	(0.41)	26.6	(1.46)	37.1	(1.72)	14.0	(1.40)
Don't know.....	100.0	(t)	15.8	(0.89)	84.2	(0.89)	71.4	(1.02)	2.3	(0.35)	25.5	(0.93)	43.5	(1.22)	12.8	(0.72)
As of spring of 11th grade, had taken the following at least once																
PSAT or PLAN.....	100.0	(t)	18.5	(0.81)	81.5	(0.81)	68.1	(0.91)	2.4	(0.27)	24.3	(0.74)	41.4	(0.99)	13.4	(0.66)
SAT or ACT.....	100.0	(t)	19.0	(1.12)	81.0	(1.12)	68.0	(1.27)	3.3	(0.47)	21.8	(0.94)	42.9	(1.34)	13.0	(0.86)
Any Advanced Placement (AP) test.....	100.0	(t)	15.8	(1.24)	84.2	(1.24)	71.0	(1.42)	3.1	(0.71)	21.8	(1.22)	46.1	(1.60)	13.2	(1.13)
Any International Baccalaureate (IB) test.....	100.0	(t)	18.8	(3.72)	81.2	(3.72)	63.9	(5.05)	‡	(t)	21.1	(5.01)	31.2	(5.85)	17.3	(3.95)
As 11th-grader, thought would qualify for this type of financial aid																
Aid based on financial need.....	100.0	(t)	26.8	(1.03)	73.2	(1.03)	57.2	(1.13)	3.6	(0.35)	28.2	(0.97)	25.4	(0.90)	16.0	(0.91)
Aid based on academic achievement such as good grades or college admission test scores.....	100.0	(t)	17.0	(0.73)	83.0	(0.73)	69.3	(0.97)	2.3	(0.28)	25.4	(0.81)	41.6	(0.94)	13.7	(0.69)
Aid through an athletic scholarship.....	100.0	(t)	23.3	(1.57)	76.7	(1.57)	62.0	(1.84)	2.8	(0.58)	26.9	(1.66)	32.4	(1.67)	14.7	(1.29)
Federal or state loans.....	100.0	(t)	24.0	(1.09)	76.0	(1.09)	60.4	(1.14)	3.8	(0.43)	27.4	(0.98)	29.3	(0.97)	15.6	(0.90)
Private loans.....	100.0	(t)	21.9	(1.25)	78.1	(1.25)	64.0	(1.42)	3.0	(0.50)	26.3	(1.35)	34.7	(1.40)	14.2	(1.04)
Completed a Free Application for Federal Student Aid (FAFSA).....	100.0	(t)	11.1	(0.62)	88.9	(0.62)	74.8	(0.84)	3.4	(0.35)	30.4	(0.72)	41.0	(1.01)	14.0	(0.66)

See notes at end of table.

**Table 302.43. Percentage distribution of fall 2009 ninth-graders who had completed high school, by postsecondary enrollment status in fall 2013, and selected measures of their high school achievement and selected student characteristics: 2013—Continued**

[Standard errors appear in parentheses]

Selected student characteristic	All students who had completed high school	Students not enrolled in a postsecondary institution	Students enrolled in a postsecondary institution							
			Total enrolled in a postsecondary institution	Enrolled in a degree or certificate program						Taking classes only, not enrolled in program
				Total, all programs	Occupational certificate program <sup>1</sup>	Associate's degree program	Bachelor's degree program			
1	2	3	4	5	6	7	8	9		
For students who did not complete a FAFSA, did not do so because student or family										
Did not want to take on debt .....	100.0 (†)	47.2 (3.04)	52.8 (3.04)	38.4 (2.95)	4.8 ! (1.47)	15.6 (1.90)	18.0 (2.02)	14.4 (2.18)		
Can afford without financial aid .....	100.0 (†)	31.3 (2.35)	68.7 (2.35)	55.0 (2.72)	2.6 ! (0.94)	21.6 (2.01)	30.7 (2.64)	13.8 (1.96)		
Thought may be ineligible or not qualify .....	100.0 (†)	32.9 (2.67)	67.1 (2.67)	53.2 (2.57)	2.8 ! (0.92)	20.6 (2.05)	29.8 (2.26)	13.9 (1.82)		
Thought would not qualify because										
Other family member didn't qualify .....	100.0 (†)	33.1 (6.16)	66.9 (6.16)	52.5 (5.61)	‡ (†)	22.6 (3.88)	28.3 (4.88)	14.4 (4.25)		
Concerns about credit score .....	100.0 (†)	64.6 (7.70)	35.4 (7.70)	21.1 (5.01)	‡ (†)	17.2 (4.90)	‡ (†)	14.3 ! (6.15)		
Family income too high .....	100.0 (†)	16.4 (2.42)	83.6 (2.42)	69.9 (2.79)	1.6 ! (0.64)	24.5 (2.66)	43.8 (2.85)	13.6 (2.09)		
Grades or test scores too low .....	100.0 (†)	60.7 (5.31)	39.3 (5.31)	22.7 (4.18)	‡ (†)	15.1 (3.96)	5.0 ! (2.04)	16.5 (3.55)		
Part-time postsecondary enrollment .....	100.0 (†)	70.2 (5.94)	29.8 (5.94)	13.2 ! (4.69)	‡ (†)	10.6 ! (4.62)	‡ (†)	16.6 (4.91)		
Did not have enough information about how to complete a FAFSA ..	100.0 (†)	56.2 (3.42)	43.8 (3.42)	29.3 (2.90)	4.5 (1.30)	18.2 (2.58)	6.7 (1.28)	14.5 (2.55)		
Thought FAFSA forms too much work or too time-consuming .....	100.0 (†)	43.2 (4.83)	56.8 (4.83)	42.2 (4.67)	‡ (†)	18.6 (4.42)	19.5 (2.79)	14.7 (3.23)		
Did not know you could complete a FAFSA .....	100.0 (†)	59.5 (4.12)	40.5 (4.12)	24.1 (3.29)	4.9 ! (1.86)	14.0 (2.44)	5.2 (1.45)	16.3 (3.32)		
Not planning to continue education after high school .....	100.0 (†)	93.4 (1.89)	6.6 (1.89)	3.2 ! (0.97)	‡ (†)	1.8 ! (0.81)	‡ (†)	3.4 ! (1.61)		
Selected measures of high school achievement										
Total number of credits earned in high school <sup>5</sup> .....	25.8 (0.12)	23.9 (0.21)	26.4 (0.13)	26.6 (0.14)	24.2 (0.54)	26.1 (0.18)	27.3 (0.20)	25.6 (0.28)		
Overall GPA earned in high school <sup>6</sup> .....	2.8 (0.01)	2.3 (0.02)	3.0 (0.01)	3.0 (0.01)	2.4 (0.06)	2.8 (0.02)	3.3 (0.01)	2.6 (0.03)		
Average SAT/ACT score (standardized to SAT) <sup>7</sup> .....	988 (6.5)	854 (10.4)	1008 (6.4)	1023 (5.9)	811 (29.7)	936 (7.3)	1083 (6.4)	922 (14.1)		

†Not applicable.

!Interpret data with caution. The coefficient of variation (CV) for this estimate is between 30 and 50 percent.

‡Reporting standards not met. Either there are too few cases for a reliable estimate or the coefficient of variation (CV) is 50 percent or greater.

<sup>1</sup>A certificate or diploma program at a school that provides occupational training. Such a program usually takes 2 years or less to complete and often leads to a license, such as cosmetology.

<sup>2</sup>SES was measured by a composite score based on parental education and occupations, family income, and school urbanicity in the student's 11th-grade year. The weighted SES distribution (weighted by W2STUDENT) was divided into five equal groups. Low SES corresponds to the lowest one-fifth of the population, and high SES corresponds to the highest one-fifth of the population. The three fifths in the middle were combined to form the middle SES category.

<sup>3</sup>Includes integrated math, algebra III, probability and statistics, and noncalculus Advanced Placement (AP) or International Baccalaureate (IB) courses.

<sup>4</sup>Includes AP/IB calculus.

<sup>5</sup>Ranges from 0 to 59.

<sup>6</sup>Includes all courses and ranges from 0 to 4.

<sup>7</sup>The average applies to all students who took the SAT or ACT. For those who took the SAT, the combined critical reading and mathematics score was used. For those who took the ACT, scores were converted to the equivalent of the SAT combined score. Scale ranges from 400 to 1600.

NOTE: Includes students who completed high school by September 2013. Estimates weighted by W3W1W2STUTR. Race categories exclude persons of Hispanic ethnicity. Detail may not sum to totals because of rounding.

SOURCE: U.S. Department of Education, National Center for Education Statistics, High School Longitudinal Study of 2009 (HSLS:09), Base-Year, First Follow-up, 2013 Update, and High School Transcripts Restricted-Use Data File. (This table was prepared January 2016.)

**Table 302.50. Estimated rate of 2011–12 high school graduates attending degree-granting postsecondary institutions, by state: 2012**

State	Number of graduates from high schools located in the state			Number of fall 2012 first-time freshmen graduating from high school in the previous 12 months		Estimated rate of high school graduates going to college	
	Total <sup>1</sup>	Public, 2011–12	Private, 2012–13	State residents enrolled in institutions in any state <sup>2</sup>	State residents enrolled in institutions in their home state <sup>3</sup>	In any state	In their home state
1	2	3	4	5	6	7	8
<b>United States</b> .....	<b>3,457,955</b>	<b>3,149,185</b>	<b>308,770</b>	<b>2,132,264</b> <sup>4</sup>	<b>1,729,792</b>	<b>61.7</b>	<b>50.0</b>
Alabama .....	50,164	45,394	4,770	29,728	26,567	59.3	53.0
Alaska .....	8,189	7,989	200	3,732	2,413	45.6	29.5
Arizona .....	66,218	63,208	3,010	35,181	31,132	53.1	47.0
Arkansas .....	30,019	28,419	1,600	20,185	18,244	67.2	60.8
California .....	451,364	418,664	32,700	263,843	231,215	58.5	51.2
Colorado .....	52,607	50,087	2,520	31,139	23,268	59.2	44.2
Connecticut .....	44,751	38,681	6,070	31,662	17,396	70.8	38.9
Delaware .....	10,037	8,247	1,790	6,500	4,632	64.8	46.1
District of Columbia <sup>5</sup> .....	5,680	3,860	1,820	2,463	450	43.4	7.9
Florida .....	171,404	151,964	19,440	107,716	94,985	62.8	55.4
Georgia .....	99,952	90,582	9,370	66,494	55,399	66.5	55.4
Hawaii .....	13,970	11,360	2,610	9,040	6,091	64.7	43.6
Idaho .....	18,238	17,568	670	8,782	6,179	48.2	33.9
Illinois .....	153,605	139,575	14,030	92,394	63,610	60.2	41.4
Indiana .....	70,767	65,667	5,100	44,612	38,812	63.0	54.8
Iowa .....	41,550	33,230	2,400	23,488	20,340	56.5	49.0
Kansas .....	34,078	31,898	2,180	22,239	19,058	65.3	55.9
Kentucky .....	47,442	42,642	4,800	29,830	26,624	62.9	56.1
Louisiana .....	44,575	36,675	7,900	28,831	26,024	64.7	58.4
Maine .....	16,103	13,473	2,630	8,681	5,829	53.9	36.2
Maryland .....	67,781	58,811	8,970	41,033	25,773	60.5	38.0
Massachusetts .....	76,177	65,157	11,020	53,836	36,132	70.7	47.4
Michigan .....	115,256	105,446	9,810	70,843	63,296	61.5	54.9
Minnesota .....	61,891	57,501	4,390	43,264	30,237	69.9	48.9
Mississippi .....	29,748	26,158	3,590	23,436	21,752	78.8	73.1
Missouri .....	69,053	61,313	7,740	42,762	35,648	61.9	51.6
Montana .....	10,140	9,750	390	5,907	4,598	58.3	45.3
Nebraska .....	22,844	20,464	2,380	14,750	11,969	64.6	52.4
Nevada .....	22,731	21,891	840	12,288	9,310	54.1	41.0
New Hampshire .....	16,886	14,426	2,460	10,418	5,618	61.7	33.3
New Jersey .....	106,919	93,819	13,100	72,631	41,204	67.9	38.5
New Mexico .....	21,375	20,315	1,060	14,831	12,903	69.4	60.4
New York .....	209,216	180,806	28,410	146,458	117,960	70.0	56.4
North Carolina .....	101,097	93,977	7,120	62,531	55,578	61.9	55.0
North Dakota .....	7,322	6,942	380	4,751	3,527	64.9	48.2
Ohio .....	135,885	123,135	12,750	81,428	69,039	59.9	50.8
Oklahoma .....	39,295	37,305	1,990	22,667	20,207	57.7	51.4
Oregon .....	37,301	34,261	3,040	17,509	13,343	46.9	35.8
Pennsylvania .....	146,493	131,733	14,760	87,075	70,625	59.4	48.2
Rhode Island .....	11,501	9,751	1,750	7,715	5,056	67.1	44.0
South Carolina .....	44,452	41,442	3,010	29,023	26,154	65.3	58.8
South Dakota .....	8,456	8,196	260	5,825	4,443	68.9	52.5
Tennessee .....	67,964	62,454	5,510	41,027	34,318	60.4	50.5
Texas .....	306,591	292,531	14,060	176,871	156,566	57.7	51.1
Utah .....	32,757	31,157	1,600	16,650	15,101	50.8	46.1
Vermont .....	7,789	6,859	930	4,142	2,040	53.2	26.2
Virginia .....	89,866	83,336	6,530	58,035	47,582	64.6	52.9
Washington .....	71,165	65,205	5,960	34,168	25,854	48.0	36.3
West Virginia .....	18,383	17,603	780	10,241	9,110	55.7	49.6
Wisconsin .....	71,225	62,705	8,520	41,715	33,972	58.6	47.7
Wyoming .....	5,603	5,553	50	3,170	2,426	56.6	43.3

<sup>1</sup>Total includes public high school graduates for 2011–12 and private high school graduates for 2012–13. Data on private high school graduates are not available for 2011–12.  
<sup>2</sup>All U.S. resident students living in a particular state when admitted to an institution in any state. Students may be enrolled in any state.  
<sup>3</sup>Students who attend institutions in their home state. Total includes 183 students attending U.S. Service Academies in their home state, not shown separately.  
<sup>4</sup>U.S. total includes some U.S. residents whose home state is unknown.  
<sup>5</sup>A percentage of the private high school graduates are not residents of the District of Columbia.

NOTE: Degree-granting institutions grant associate's or higher degrees and participate in Title IV federal financial aid programs. Detail may not sum to totals because of rounding.  
 SOURCE: U.S. Department of Education, National Center for Education Statistics, Common Core of Data (CCD), "NCES Common Core of Data State Dropout and Completion Data File," 2011–12; Private School Universe Survey (PSS), 2013–14; and Integrated Postsecondary Education Data System (IPEDS), Spring 2013, Fall Enrollment component. (This table was prepared January 2016.)

**Table 302.60. Percentage of 18- to 24-year-olds enrolled in college, by level of institution and sex and race/ethnicity of student: 1970 through 2016**  
[Standard errors appear in parentheses]

Year	Total, all students	Level of institution		Sex		Race/ethnicity							Race/ethnicity by sex					
		2-year college	4-year college or university	Male	Female	White	Black	Hispanic	Asian <sup>1</sup>	Pacific Islander	American Indian/ Alaska Native	Two or more races	White		Black		Hispanic	
													Male	Female	Male	Female	Male	Female
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
1970 <sup>2</sup>	25.7 (0.42)	— (†)	— (†)	32.1 (0.67)	20.3 (0.53)	27.1 (0.46)	15.5 (1.18)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)
1971 <sup>2</sup>	26.2 (0.42)	— (†)	— (†)	32.5 (0.65)	20.8 (0.53)	27.2 (0.45)	18.2 (1.22)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)
1972	25.5 (0.40)	— (†)	— (†)	30.2 (0.62)	21.2 (0.52)	27.2 (0.46)	18.3 (1.20)	13.4 (2.42)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)
1973	24.0 (0.39)	6.9 (0.23)	17.1 (0.34)	27.7 (0.59)	20.5 (0.51)	25.5 (0.44)	15.9 (1.11)	16.1 (2.66)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)
1974	24.6 (0.39)	7.6 (0.24)	17.0 (0.34)	27.7 (0.59)	21.7 (0.52)	25.8 (0.44)	17.6 (1.17)	18.0 (2.57)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)
1975	26.3 (0.39)	9.0 (0.26)	17.3 (0.34)	29.0 (0.58)	23.7 (0.53)	27.4 (0.44)	20.4 (1.21)	20.4 (2.75)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)
1976	26.7 (0.39)	6.4 (0.22)	20.2 (0.36)	28.2 (0.57)	25.2 (0.53)	27.6 (0.44)	22.5 (1.23)	20.0 (2.64)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)
1977	26.1 (0.39)	6.8 (0.22)	19.4 (0.35)	28.1 (0.57)	24.3 (0.52)	27.2 (0.44)	21.1 (1.19)	17.2 (2.45)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)
1978	25.3 (0.38)	6.6 (0.22)	18.7 (0.34)	27.1 (0.56)	23.6 (0.52)	26.5 (0.43)	20.1 (1.16)	15.2 (2.28)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)
1979	25.0 (0.38)	6.3 (0.21)	18.7 (0.34)	25.9 (0.55)	24.2 (0.52)	26.3 (0.43)	19.8 (1.14)	16.7 (2.31)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)
1980	25.7 (0.38)	7.1 (0.22)	18.6 (0.34)	26.4 (0.55)	25.0 (0.52)	27.3 (0.44)	19.4 (1.13)	16.1 (2.15)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)
1981	26.1 (0.38)	7.5 (0.22)	18.6 (0.33)	27.1 (0.54)	25.2 (0.52)	27.7 (0.43)	19.9 (1.10)	16.6 (2.14)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)
1982	26.6 (0.40)	7.7 (0.24)	18.9 (0.35)	27.2 (0.58)	26.0 (0.56)	28.1 (0.46)	19.9 (1.16)	16.8 (2.30)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)
1983	26.2 (0.40)	7.4 (0.24)	18.8 (0.36)	27.3 (0.58)	25.1 (0.55)	27.9 (0.47)	19.2 (1.14)	17.3 (2.31)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)
1984	27.1 (0.41)	7.3 (0.24)	19.8 (0.37)	28.6 (0.59)	25.6 (0.56)	28.9 (0.48)	20.3 (1.16)	17.9 (2.35)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)
1985	27.8 (0.42)	7.4 (0.24)	20.4 (0.38)	28.4 (0.60)	27.2 (0.58)	30.0 (0.49)	19.6 (1.17)	16.9 (1.85)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)
1986	27.9 (0.42)	7.6 (0.25)	20.3 (0.38)	28.2 (0.61)	27.6 (0.59)	29.7 (0.50)	21.9 (1.23)	17.6 (1.77)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)
1987	29.6 (0.44)	8.1 (0.26)	21.5 (0.39)	30.6 (0.63)	28.7 (0.60)	31.9 (0.52)	22.8 (1.26)	17.5 (1.74)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)
1988	30.3 (0.43)	8.8 (0.30)	21.5 (0.43)	30.2 (0.69)	30.4 (0.67)	33.2 (0.58)	21.2 (1.35)	17.0 (1.90)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)
1989	30.9 (0.46)	8.0 (0.27)	22.9 (0.42)	30.2 (0.66)	31.6 (0.65)	34.2 (0.56)	23.4 (1.32)	16.1 (1.66)	46.1 (3.77)	— (†)	15.7 (5.13)	— (†)	34.1 (0.80)	34.4 (0.79)	19.7 (1.82)	26.7 (1.89)	14.6 (2.23)	17.6 (2.47)
1990	32.0 (0.47)	8.7 (0.28)	23.3 (0.43)	32.3 (0.68)	31.8 (0.66)	35.1 (0.57)	25.4 (1.37)	15.8 (1.72)	56.9 (3.56)	— (†)	15.8 (5.07)	— (†)	35.5 (0.82)	34.7 (0.80)	26.0 (2.03)	24.8 (1.85)	15.3 (2.31)	16.4 (2.42)
1991	33.3 (0.48)	9.7 (0.30)	23.6 (0.43)	32.8 (0.68)	33.6 (0.67)	36.8 (0.58)	23.5 (1.34)	17.9 (1.67)	57.1 (3.19)	— (†)	15.9 (5.45)	— (†)	36.5 (0.83)	37.0 (0.82)	23.2 (1.95)	23.8 (1.84)	14.0 (2.15)	22.2 (2.70)
1992	34.4 (0.49)	9.9 (0.31)	24.4 (0.44)	32.7 (0.68)	36.0 (0.69)	37.3 (0.59)	25.2 (1.36)	21.3 (1.87)	58.4 (3.27)	— (†)	18.5 (6.17)	— (†)	36.2 (0.83)	38.3 (0.83)	21.3 (1.87)	28.8 (1.96)	17.8 (2.47)	24.7 (2.80)
1993	34.0 (0.49)	9.8 (0.30)	24.2 (0.44)	33.6 (0.69)	34.4 (0.68)	36.8 (0.59)	24.5 (1.35)	21.7 (1.88)	61.2 (3.26)	— (†)	18.9 (5.65)	— (†)	36.5 (0.84)	37.1 (0.83)	22.9 (1.92)	26.0 (1.90)	19.7 (2.59)	23.7 (2.71)
1994	34.6 (0.48)	9.1 (0.29)	25.5 (0.44)	33.1 (0.67)	36.0 (0.68)	38.1 (0.59)	27.7 (1.38)	18.8 (1.58)	62.7 (3.31)	— (†)	29.4 (6.65)	— (†)	37.0 (0.84)	39.2 (0.84)	25.6 (1.95)	29.5 (1.94)	16.5 (2.04)	21.5 (2.44)
1995	34.3 (0.45)	8.9 (0.27)	25.4 (0.41)	33.1 (0.63)	35.5 (0.63)	37.9 (0.55)	27.5 (1.18)	20.7 (1.13)	54.6 (3.11)	— (†)	27.6 (6.16)	— (†)	37.0 (0.78)	38.8 (0.78)	26.0 (1.72)	28.7 (1.63)	18.7 (1.50)	23.0 (1.72)
1996	35.5 (0.47)	9.5 (0.29)	26.1 (0.43)	34.1 (0.66)	37.0 (0.67)	39.5 (0.59)	27.4 (1.23)	20.1 (1.18)	53.9 (2.47)	— (†)	30.3 (5.24)	— (†)	38.3 (0.83)	40.6 (0.84)	25.7 (1.77)	28.8 (1.70)	16.5 (1.52)	24.0 (1.81)
1997	36.8 (0.47)	9.9 (0.29)	27.0 (0.43)	35.0 (0.66)	38.7 (0.67)	40.6 (0.59)	29.8 (1.25)	22.4 (1.21)	55.1 (2.60)	— (†)	27.1 (4.62)	— (†)	39.3 (0.82)	41.8 (0.84)	25.4 (1.75)	33.7 (1.77)	19.2 (1.56)	26.1 (1.88)
1998	36.5 (0.46)	10.2 (0.29)	26.3 (0.42)	34.5 (0.65)	38.6 (0.66)	40.6 (0.59)	29.8 (1.24)	20.4 (1.11)	60.4 (2.49)	— (†)	20.3 (4.90)	— (†)	39.4 (0.82)	41.9 (0.84)	26.1 (1.76)	32.9 (1.73)	16.4 (1.41)	24.9 (1.73)
1999	35.6 (0.46)	9.1 (0.27)	26.5 (0.42)	34.1 (0.64)	37.0 (0.65)	39.4 (0.58)	30.4 (1.24)	18.7 (1.08)	55.7 (2.42)	— (†)	19.5 (4.70)	— (†)	38.3 (0.81)	40.6 (0.82)	28.9 (1.81)	31.6 (1.69)	15.8 (1.41)	21.9 (1.65)
2000	35.5 (0.45)	9.4 (0.27)	26.0 (0.41)	32.6 (0.62)	38.4 (0.65)	38.7 (0.57)	30.5 (1.21)	21.7 (1.12)	55.9 (2.42)	— (†)	15.9 (4.30)	— (†)	36.2 (0.79)	41.3 (0.81)	25.1 (1.67)	35.2 (1.72)	18.5 (1.45)	25.4 (1.71)
2001	36.3 (0.43)	9.8 (0.26)	26.6 (0.39)	33.6 (0.59)	39.0 (0.61)	39.5 (0.54)	31.4 (1.15)	21.7 (1.04)	61.3 (2.23)	— (†)	23.3 (4.07)	— (†)	37.2 (0.75)	41.9 (0.77)	26.7 (1.62)	35.5 (1.62)	17.4 (1.35)	26.1 (1.58)
2002	36.7 (0.43)	9.7 (0.26)	27.0 (0.39)	33.7 (0.59)	39.7 (0.61)	40.9 (0.55)	31.9 (1.18)	19.9 (0.94)	60.9 (2.10)	— (†)	23.6 (3.96)	— (†)	38.9 (0.77)	42.8 (0.78)	26.3 (1.63)	36.9 (1.68)	16.2 (1.17)	24.4 (1.51)
2003 <sup>3</sup>	37.8 (0.43)	10.2 (0.27)	27.7 (0.39)	34.3 (0.59)	41.3 (0.61)	41.6 (0.55)	32.3 (1.20)	23.5 (1.02)	61.2 (2.27)	43.3 (9.97)	17.7 (4.45)	41.6 (3.58)	38.5 (0.77)	44.5 (0.78)	28.2 (1.68)	36.0 (1.69)	18.3 (1.27)	29.4 (1.60)
2004 <sup>3</sup>	38.0 (0.42)	9.4 (0.25)	28.6 (0.39)	34.7 (0.59)	41.2 (0.61)	41.7 (0.55)	31.8 (1.18)	24.7 (1.02)	60.6 (2.24)	55.8 (8.99)	24.4 (4.52)	36.8 (3.44)	38.4 (0.76)	45.0 (0.78)	26.5 (1.63)	36.6 (1.67)	21.7 (1.33)	28.2 (1.56)
2005 <sup>3</sup>	38.9 (0.43)	9.6 (0.26)	29.2 (0.40)	35.3 (0.59)	42.5 (0.61)	42.8 (0.55)	33.1 (1.18)	24.8 (1.02)	61.0 (2.26)	50.6 (10.95)	27.8 (4.88)	41.8 (3.48)	39.4 (0.76)	46.1 (0.79)	28.2 (1.64)	37.6 (1.69)	20.7 (1.31)	29.5 (1.58)
2006 <sup>3</sup>	37.3 (0.42)	9.6 (0.25)	27.8 (0.39)	34.1 (0.58)	40.6 (0.60)	41.0 (0.54)	32.6 (1.16)	23.6 (0.99)	58.3 (2.28)	39.1 (8.36)	26.2 (5.18)	38.5 (3.51)	37.9 (0.75)	44.1 (0.78)	28.1 (1.60)	36.9 (1.65)	20.0 (1.29)	27.6 (1.52)
2007 <sup>3</sup>	38.8 (0.42)	10.9 (0.27)	27.9 (0.39)	35.5 (0.58)	42.1 (0.60)	42.6 (0.54)	33.1 (1.15)	26.6 (1.02)	57.2 (2.28)	37.1 (9.07)	24.7 (4.63)	39.2 (3.48)	39.6 (0.76)	45.7 (0.78)	32.2 (1.63)	34.0 (1.61)	20.7 (1.29)	33.0 (1.57)
2008 <sup>3</sup>	39.6 (0.42)	11.8 (0.28)	27.8 (0.38)	37.0 (0.58)	42.3 (0.60)	44.2 (0.54)	32.1 (1.13)	25.8 (1.01)	59.3 (2.32)	27.3 (8.92)	21.9 (4.22)	45.7 (3.55)	41.7 (0.76)	46.9 (0.78)	29.7 (1.61)	34.2 (1.59)	23.0 (1.35)	28.9 (1.50)
2009 <sup>3</sup>	41.3 (0.42)	11.7 (0.27)	29.6 (0.39)	38.4 (0.59)	44.2 (0.60)	45.0 (0.55)	33.7 (1.17)	27.5 (1.01)	62.2 (2.17)	33.4 (7.45)	29.8 (5.10)	39.3 (3.32)	42.3 (0.76)	47.7 (0.78)	33.2 (1.64)	41.9 (1.64)	24.2 (1.35)	31.0 (1.50)
2010 <sup>3,4</sup>	41.2 (0.57)	12.9 (0.36)	28.2 (0.53)	38.3 (0.78)	44.1 (0.84)	43.3 (0.81)	38.4 (1.66)	31.9 (1.15)	63.6 (2.70)	36.0 (8.36)	41.4 (6.60)	38.3 (4.38)	40.6 (1.00)	46.1 (1.17)	35.2 (2.13)	41.4 (2.16)	27.9 (1.57)	36.1 (1.60)
2011 <sup>3,4</sup>	42.0 (0.59)	12.0 (0.35)	30.0 (0.58)	39.1 (0.80)	44.9 (0.80)	44.7 (0.77)	37.1 (1.53)	34.8 (1.20)	60.1 (2.45)	37.8 (7.93)	23.5 (5.30)	38.8 (3.60)	42.4 (0.96)	47.1 (1.08)	34.0 (2.29)	39.9 (1.90)	31.0 (1.63)	39.4 (1.58)
2012 <sup>3,4</sup>	41.0 (0.62)	12.7 (0.38)	28.3 (0.58)	37.6 (0.79)	44.5 (0.86)	42.1 (0.83)	36.4 (1.62)	37.5 (1.18)	59.8 (2.61)	50.3 (9.60)	27.8 (4.43)	39.4 (3.64)	38.3 (1.06)	46.0 (1.08)	33.9 (2.04)	38.7 (2.33)	33.5 (1.58)	41.7 (1.73)
2013 <sup>3,4</sup>	39.9 (0.63)	11.6 (0.36)	28.3 (0.57)	36.6 (0.85)	43.3 (0.80)	41.6 (0.90)	34.2 (1.58)	33.8 (1.24)	62.3 (2.62)	32.9 (8.26)	31.8 (5.58)	44.7 (3.99)	38.1 (1.11)	45.3 (1.11)	30.6 (2.13)	37.6 (2.18)	29.1 (1.72)	38.8 (1.58)
2014 <sup>3,4</sup>	40.0 (0.65)	10.6 (0.40)	29.4 (0.61)	37.3 (0.89)	42.8 (0.79)	42.2 (0.87)	32.6 (1.48)	34.7 (1.21)	65.2 (2.27)	41.0 (11.29)	35.4 (4.63)	31.6 (3.20)	40.2 (1.28)	44.2 (0.99)	28.5 (1.95)	36.6 (2.04)	30.3 (1.65)	39.4 (1.70)
2015 <sup>3,4</sup>	40.5 (0.70)	10.6 (0.35)	29.9 (0.69)	37.8 (0.91)	43.2 (0.93)	41.8 (0.88)	34.9 (1.54)	36.6 (1.31)	62.6 (2.65)	24.1 (7.29)	23.0 (4.45)	38.3 (3.86)	39.1 (1.16)	44.5 (1.10)	34.1 (2.21)	35.7 (2.17)	32.8 (1.76)	40.5 (1.91)
2016 <sup>3,4</sup>	41.2 (0.71)	10.1 (0.36)	31.1 (0.64)	38.6 (0.83)	43.9 (0.91)	42.1 (0.88)	36.2 (1.69)	39.2 (1.28)	57.6 (2.17)	20.7 (8.02)	18.6 (3.72)	42.3 (3.64)	39.8 (1.09)	44.5 (1.12)	33.0 (2.18)	39.4 (2.51)	34.9 (1.67)	43.6 (1.76)

—Not available.

†Not applicable.

‡Interpret data with caution. The coefficient of variation (CV) for this estimate is between 30 and 50 percent.

<sup>1</sup>Prior to 2003, Asian data include Pacific Islanders.

<sup>2</sup>Prior to 1972, White and Black data include persons of Hispanic ethnicity.

<sup>3</sup>After 2002, data for individual race categories exclude persons of Two or more races.

<sup>4</sup>Beginning in 2010, standard errors were computed using replicate weights, which produced more precise values than the generalized variance function methodology used in prior years.

NOTE: Data are based on sample surveys of the civilian noninstitutionalized population. Totals include other racial/ethnic groups not separately shown. Race categories exclude persons of Hispanic ethnicity except where otherwise noted.

**Table 302.62. Percentage of 18- to 24-year-olds enrolled in degree-granting postsecondary institutions and percentage distribution of those enrolled, by sex, race/ethnicity, and selected racial/ethnic subgroups: 2010 and 2016**  
[Standard errors appear in parentheses]

Race/ethnicity	2010			2016		
	Total	Male	Female	Total	Male	Female
1	2	3	4	5	6	7
Percent of 18- to 24-year-olds enrolled						
<b>Total<sup>1</sup></b> .....	<b>42.9</b> (0.11)	<b>38.6</b> (0.16)	<b>47.5</b> (0.15)	<b>42.6</b> (0.11)	<b>38.4</b> (0.15)	<b>47.0</b> (0.16)
White .....	46.9 (0.15)	43.0 (0.20)	51.0 (0.20)	44.6 (0.16)	40.5 (0.21)	48.9 (0.25)
Black .....	36.6 (0.33)	30.6 (0.43)	42.7 (0.48)	36.3 (0.33)	31.3 (0.42)	41.6 (0.58)
Hispanic .....	31.1 (0.31)	26.4 (0.38)	36.3 (0.39)	36.2 (0.24)	31.6 (0.32)	41.1 (0.35)
Cuban .....	45.8 (1.57)	41.2 (2.14)	50.3 (2.10)	45.5 (1.54)	40.3 (2.18)	51.0 (2.21)
Dominican .....	40.0 (1.64)	33.3 (2.06)	46.7 (2.22)	38.3 (1.57)	31.2 (2.01)	45.5 (2.60)
Mexican .....	27.9 (0.35)	23.8 (0.44)	32.6 (0.45)	34.6 (0.33)	30.1 (0.41)	39.5 (0.45)
Puerto Rican .....	34.2 (0.83)	28.6 (1.13)	39.8 (1.32)	33.6 (0.89)	27.5 (1.07)	40.1 (1.26)
Spaniard .....	50.9 (2.16)	50.5 (3.33)	51.4 (3.07)	49.4 (2.36)	41.2 (3.20)	57.6 (3.26)
Central American <sup>2</sup> .....	26.3 (0.85)	21.6 (0.89)	32.6 (1.51)	32.9 (0.82)	29.4 (1.19)	37.0 (1.24)
Costa Rican .....	59.6 (4.52)	58.1 (6.62)	61.5 (6.82)	55.5 (5.49)	51.0 (8.09)	61.2 (7.47)
Guatemalan .....	17.3 (1.28)	13.5 (1.34)	24.7 (2.67)	28.6 (1.72)	25.4 (2.01)	33.5 (2.53)
Honduran .....	20.2 (1.75)	13.9 (1.86)	30.1 (3.31)	27.1 (1.78)	21.5 (2.77)	32.8 (2.69)
Nicaraguan .....	40.9 (2.82)	37.7 (3.97)	44.4 (4.03)	38.8 (3.79)	35.5 (4.47)	42.5 (5.40)
Panamanian .....	48.0 (3.86)	47.0 (5.65)	49.0 (5.96)	48.2 (4.69)	42.5 (5.93)	53.8 (6.23)
Salvadoran .....	27.7 (1.27)	24.3 (1.61)	31.6 (1.95)	33.9 (1.14)	31.8 (1.51)	36.1 (1.92)
South American .....	50.5 (1.20)	44.8 (1.65)	56.5 (1.65)	52.7 (1.01)	50.8 (1.67)	54.5 (1.54)
Chilean .....	54.6 (5.50)	53.9 (7.73)	55.2 (7.33)	64.1 (5.78)	46.0 (8.67)	79.1 (5.47)
Colombian .....	53.0 (2.35)	50.7 (3.16)	55.4 (3.16)	49.9 (1.79)	42.1 (2.97)	56.9 (2.75)
Ecuadorian .....	40.3 (2.96)	30.9 (3.25)	52.2 (4.19)	44.6 (2.61)	47.8 (3.59)	41.4 (3.51)
Peruvian .....	53.6 (2.87)	47.9 (3.89)	58.9 (3.51)	57.6 (2.81)	60.1 (4.09)	55.3 (3.42)
Venezuelan .....	54.9 (4.32)	46.8 (6.02)	63.8 (5.68)	58.8 (3.87)	59.5 (5.18)	57.9 (5.81)
Other South American .....	52.6 (2.97)	47.0 (5.01)	57.6 (3.84)	56.9 (3.18)	58.1 (4.22)	55.5 (4.47)
Other Hispanic .....	38.6 (1.42)	33.7 (2.03)	43.8 (2.17)	42.5 (1.38)	38.8 (1.90)	46.3 (1.97)
Asian .....	66.0 (0.55)	65.3 (0.71)	66.7 (0.75)	67.3 (0.42)	66.4 (0.71)	68.3 (0.61)
Chinese <sup>3</sup> .....	74.0 (0.95)	74.0 (1.22)	74.1 (1.11)	78.0 (0.63)	78.4 (1.10)	77.7 (1.04)
Filipino .....	57.8 (1.38)	54.5 (1.60)	61.4 (2.21)	55.5 (1.26)	52.3 (1.71)	58.8 (1.87)
Japanese .....	72.0 (2.95)	70.0 (3.92)	74.1 (3.93)	70.0 (2.90)	67.5 (3.74)	72.9 (4.23)
Korean .....	72.3 (1.43)	71.3 (2.00)	73.2 (1.86)	69.6 (1.73)	66.6 (2.82)	72.5 (1.99)
South Asian <sup>4</sup> .....	67.1 (1.16)	68.9 (1.61)	65.0 (1.67)	68.2 (1.03)	69.7 (1.44)	66.4 (1.46)
Asian Indian .....	68.6 (1.30)	71.5 (1.80)	65.4 (1.79)	70.3 (1.09)	71.3 (1.52)	69.0 (1.69)
Bangladeshi .....	58.3 (5.63)	57.7 (8.07)	58.9 (7.06)	55.5 (5.20)	46.1 (7.79)	63.0 (6.97)
Bhutanese .....	— (†)	— (†)	— (†)	‡ (†)	‡ (†)	‡ (†)
Nepalese .....	— (†)	— (†)	— (†)	57.8 (5.10)	67.1 (5.14)	48.0 (7.00)
Pakistani .....	61.7 (3.00)	58.9 (4.44)	64.6 (4.11)	65.8 (2.72)	68.6 (3.72)	62.5 (4.51)
Southeast Asian .....	58.3 (1.17)	57.0 (1.55)	59.5 (1.56)	57.4 (1.17)	55.4 (1.65)	59.4 (1.50)
Burmese .....	— (†)	— (†)	— (†)	23.5 (4.14)	24.6 (5.78)	22.4 (5.66)
Cambodian .....	38.1 (3.02)	38.2 (4.77)	38.0 (4.55)	47.2 (3.85)	45.7 (5.83)	48.5 (4.93)
Hmong .....	39.7 (3.18)	36.3 (3.56)	42.9 (4.49)	39.2 (3.61)	35.4 (4.03)	42.5 (4.59)
Laotian .....	44.9 (4.40)	38.5 (5.46)	52.3 (5.63)	43.3 (3.83)	33.2 (4.35)	56.8 (5.96)
Thai .....	63.3 (5.72)	61.1 (9.35)	65.1 (6.55)	45.4 (6.52)	40.5 (9.09)	50.0 (7.60)
Vietnamese .....	68.2 (1.35)	68.4 (1.81)	68.1 (2.02)	67.9 (1.39)	66.1 (2.14)	69.8 (1.69)
Other Southeast Asian <sup>5</sup> .....	74.5 (5.03)	62.7 (7.82)	89.4 (5.17)	80.6 (4.40)	86.0 (5.17)	74.7 (6.97)
Other Asian .....	58.7 (2.01)	56.3 (2.69)	61.0 (3.03)	66.7 (2.24)	61.2 (3.11)	71.8 (2.84)
Pacific Islander .....	39.1 (2.21)	34.9 (3.44)	43.5 (2.97)	36.2 (2.71)	33.1 (3.24)	39.2 (3.85)
American Indian/Alaska Native .....	28.7 (1.17)	24.5 (1.76)	32.9 (1.56)	22.4 (1.10)	14.6 (1.24)	30.5 (1.57)
Two or more races .....	44.7 (0.81)	40.1 (1.06)	49.3 (1.03)	44.3 (0.62)	40.5 (0.77)	48.0 (0.97)
White and Black .....	37.2 (1.57)	30.9 (2.16)	42.9 (1.96)	37.0 (1.17)	32.9 (1.73)	41.1 (1.71)
White and Asian .....	58.5 (1.42)	54.2 (1.82)	62.9 (2.07)	60.0 (1.24)	58.3 (1.60)	61.6 (1.76)
White and American Indian/ Alaska Native .....	36.5 (1.62)	31.4 (2.13)	42.6 (2.47)	35.0 (1.48)	29.0 (2.12)	41.3 (2.23)
Other Two or more races .....	45.3 (1.65)	42.4 (1.88)	48.3 (2.21)	46.4 (1.50)	43.2 (1.78)	49.5 (2.10)
Percentage distribution of those enrolled						
<b>Total<sup>1</sup></b> .....	<b>100.0</b> (†)	<b>46.0</b> (0.14)	<b>54.0</b> (0.14)	<b>100.0</b> (†)	<b>46.3</b> (0.13)	<b>53.7</b> (0.13)
White .....	100.0 (†)	46.6 (0.15)	53.4 (0.15)	100.0 (†)	46.7 (0.17)	53.3 (0.17)
Black .....	100.0 (†)	41.5 (0.49)	58.5 (0.49)	100.0 (†)	44.2 (0.57)	55.8 (0.57)
Hispanic .....	100.0 (†)	45.2 (0.38)	54.8 (0.38)	100.0 (†)	45.0 (0.34)	55.0 (0.34)
Cuban .....	100.0 (†)	44.2 (2.06)	55.8 (2.06)	100.0 (†)	45.7 (2.19)	54.3 (2.19)
Dominican .....	100.0 (†)	41.6 (2.34)	58.4 (2.34)	100.0 (†)	41.0 (2.35)	59.0 (2.35)
Mexican .....	100.0 (†)	45.6 (0.49)	54.4 (0.49)	100.0 (†)	44.8 (0.44)	55.2 (0.44)
Puerto Rican .....	100.0 (†)	41.9 (1.48)	58.1 (1.48)	100.0 (†)	42.2 (1.26)	57.8 (1.26)
Spaniard .....	100.0 (†)	49.9 (3.16)	50.1 (3.16)	100.0 (†)	41.6 (3.10)	58.4 (3.10)
Central American <sup>2</sup> .....	100.0 (†)	47.8 (1.60)	52.2 (1.60)	100.0 (†)	48.0 (1.56)	52.0 (1.56)
Costa Rican .....	100.0 (†)	52.4 (6.41)	47.6 (6.41)	100.0 (†)	51.1 (6.95)	48.9 (6.95)
Guatemalan .....	100.0 (†)	51.2 (3.97)	48.8 (3.97)	100.0 (†)	54.0 (2.90)	46.0 (2.90)
Honduran .....	100.0 (†)	41.9 (4.74)	58.1 (4.74)	100.0 (†)	40.1 (3.80)	59.9 (3.80)
Nicaraguan .....	100.0 (†)	47.4 (4.05)	52.6 (4.05)	100.0 (†)	48.2 (5.06)	51.8 (5.06)
Panamanian .....	100.0 (†)	49.7 (6.23)	50.3 (6.23)	100.0 (†)	43.5 (6.21)	56.5 (6.21)
Salvadoran .....	100.0 (†)	47.3 (2.59)	52.7 (2.59)	100.0 (†)	48.1 (2.18)	51.9 (2.18)

See notes at end of table.

**Table 302.62. Percentage of 18- to 24-year-olds enrolled in degree-granting postsecondary institutions and percentage distribution of those enrolled, by sex, race/ethnicity, and selected racial/ethnic subgroups: 2010 and 2016—Continued**  
[Standard errors appear in parentheses]

Race/ethnicity	2010			2016				
	Total	Male	Female	Total	Male	Female		
1	2	3	4	5	6	7		
South American .....	100.0	(†)	45.2 (1.72)	54.8 (1.72)	100.0	(†)	47.7 (1.65)	52.3 (1.65)
Chilean .....	100.0	(†)	45.7 (7.45)	54.3 (7.45)	100.0	(†)	32.4 (6.33)	67.6 (6.33)
Colombian .....	100.0	(†)	48.9 (2.73)	51.1 (2.73)	100.0	(†)	40.0 (3.03)	60.0 (3.03)
Ecuadorian .....	100.0	(†)	42.8 (3.87)	57.2 (3.87)	100.0	(†)	53.9 (3.40)	46.1 (3.40)
Peruvian .....	100.0	(†)	43.3 (3.57)	56.7 (3.57)	100.0	(†)	49.5 (3.34)	50.5 (3.34)
Venezuelan .....	100.0	(†)	44.7 (5.19)	55.3 (5.19)	100.0	(†)	56.5 (5.41)	43.5 (5.41)
Other South American .....	100.0	(†)	42.2 (4.98)	57.8 (4.98)	100.0	(†)	53.7 (4.28)	46.3 (4.28)
Other Hispanic .....	100.0	(†)	45.4 (2.58)	54.6 (2.58)	100.0	(†)	46.6 (1.66)	53.4 (1.66)
Asian .....	100.0	(†)	50.3 (0.43)	49.7 (0.43)	100.0	(†)	50.1 (0.45)	49.9 (0.45)
Chinese <sup>3</sup> .....	100.0	(†)	51.8 (1.13)	48.2 (1.13)	100.0	(†)	49.2 (0.95)	50.8 (0.95)
Filipino .....	100.0	(†)	48.9 (1.81)	51.1 (1.81)	100.0	(†)	47.7 (1.83)	52.3 (1.83)
Japanese .....	100.0	(†)	48.7 (3.42)	51.3 (3.42)	100.0	(†)	51.0 (3.38)	49.0 (3.38)
Korean .....	100.0	(†)	46.0 (1.91)	54.0 (1.91)	100.0	(†)	46.6 (1.76)	53.4 (1.76)
South Asian <sup>4</sup> .....	100.0	(†)	54.2 (1.35)	45.8 (1.35)	100.0	(†)	55.3 (1.10)	44.7 (1.10)
Asian Indian .....	100.0	(†)	55.4 (1.48)	44.6 (1.48)	100.0	(†)	55.8 (1.34)	44.2 (1.34)
Bangladeshi .....	100.0	(†)	50.1 (7.72)	49.9 (7.72)	100.0	(†)	36.6 (6.82)	63.4 (6.82)
Bhutanese .....	—	(†)	—	(†)	100.0	(†)	‡	(†)
Nepalese .....	—	(†)	—	(†)	100.0	(†)	59.6 (5.26)	40.4 (5.26)
Pakistani .....	100.0	(†)	47.5 (3.54)	52.5 (3.54)	100.0	(†)	56.1 (3.56)	43.9 (3.56)
Southeast Asian .....	100.0	(†)	48.5 (1.23)	51.5 (1.23)	100.0	(†)	49.2 (1.36)	50.8 (1.36)
Burmese .....	—	(†)	—	(†)	100.0	(†)	51.7 (8.40)	48.3 (8.40)
Cambodian .....	100.0	(†)	47.7 (5.75)	52.3 (5.75)	100.0	(†)	44.0 (5.66)	56.0 (5.66)
Hmong .....	100.0	(†)	44.8 (3.95)	55.2 (3.95)	100.0	(†)	42.8 (4.07)	57.2 (4.07)
Laotian .....	100.0	(†)	45.8 (5.45)	54.2 (5.45)	100.0	(†)	43.7 (5.55)	56.3 (5.55)
Thai .....	100.0	(†)	43.3 (7.35)	56.7 (7.35)	100.0	(†)	42.8 (7.63)	57.2 (7.63)
Vietnamese .....	100.0	(†)	50.0 (1.50)	50.0 (1.50)	100.0	(†)	50.9 (1.63)	49.1 (1.63)
Other Southeast Asian <sup>5</sup> .....	100.0	(†)	46.8 (8.62)	53.2 (8.62)	100.0	(†)	55.6 (8.36)	44.4 (8.36)
Other Asian .....	100.0	(†)	47.7 (2.74)	52.3 (2.74)	100.0	(†)	44.3 (3.29)	55.7 (3.29)
Pacific Islander .....	100.0	(†)	45.8 (3.84)	54.2 (3.84)	100.0	(†)	45.7 (3.83)	54.3 (3.83)
American Indian/Alaska Native .....	100.0	(†)	43.4 (2.28)	56.6 (2.28)	100.0	(†)	33.3 (2.17)	66.7 (2.17)
Two or more races .....	100.0	(†)	45.4 (1.01)	54.6 (1.01)	100.0	(†)	45.7 (0.81)	54.3 (0.81)
White and Black .....	100.0	(†)	39.3 (2.37)	60.7 (2.37)	100.0	(†)	44.5 (2.02)	55.5 (2.02)
White and Asian .....	100.0	(†)	47.8 (1.77)	52.2 (1.77)	100.0	(†)	47.7 (1.51)	52.3 (1.51)
White and American Indian/ Alaska Native .....	100.0	(†)	46.4 (2.43)	53.6 (2.43)	100.0	(†)	42.2 (3.02)	57.8 (3.02)
Other Two or more races .....	100.0	(†)	46.9 (1.94)	53.1 (1.94)	100.0	(†)	46.2 (1.94)	53.8 (1.94)

—Not available.

†Not applicable.

‡Reporting standards not met (too few cases for a reliable estimate).

<sup>1</sup>Total includes other racial/ethnic groups not shown separately.

<sup>2</sup>Includes other Central American subgroups not shown separately.

<sup>3</sup>Includes Taiwanese.

<sup>4</sup>In addition to the subgroups shown, also includes Sri Lankan.

<sup>5</sup>Consists of Indonesian and Malaysian.

NOTE: Data are based on sample surveys of the entire population in the given age range residing within the United States, including both noninstitutionalized persons (e.g., those

living in households, college housing, or military housing located within the United States) and institutionalized persons (e.g., those living in prisons, nursing facilities, or other health-care facilities). Enrollment data in this table may differ from data in tables based on the Current Population Survey (CPS) because of differences in survey design and target populations. Race categories exclude persons of Hispanic ethnicity. Detail may not sum to totals because of rounding.

SOURCE: U.S. Department of Commerce, Census Bureau, American Community Survey (ACS), 2010 and 2016. (This table was prepared January 2018.)

**Table 303.10. Total fall enrollment in degree-granting postsecondary institutions, by attendance status, sex of student, and control of institution: Selected years, 1947 through 2027**

Year	Total enrollment	Attendance status			Sex of student			Control of institution			
		Full-time	Part-time	Percent part-time	Male	Female	Percent female	Public	Private		
									Total	Nonprofit	For-profit
1	2	3	4	5	6	7	8	9	10	11	12
1947 <sup>1</sup>	2,338,226	—	—	—	1,659,249	678,977	29.0	1,152,377	1,185,849	—	—
1948 <sup>1</sup>	2,403,396	—	—	—	1,709,367	694,029	28.9	1,185,588	1,217,808	—	—
1949 <sup>1</sup>	2,444,900	—	—	—	1,721,572	723,328	29.6	1,207,151	1,237,749	—	—
1950 <sup>1</sup>	2,281,298	—	—	—	1,560,392	720,906	31.6	1,139,699	1,141,599	—	—
1951 <sup>1</sup>	2,101,962	—	—	—	1,390,740	711,222	33.8	1,037,938	1,064,024	—	—
1952 <sup>1</sup>	2,134,242	—	—	—	1,380,357	753,885	35.3	1,101,240	1,033,002	—	—
1953 <sup>1</sup>	2,231,054	—	—	—	1,422,598	808,456	36.2	1,185,876	1,045,178	—	—
1954 <sup>1</sup>	2,446,693	—	—	—	1,563,382	883,311	36.1	1,353,531	1,093,162	—	—
1955 <sup>1</sup>	2,653,034	—	—	—	1,733,184	919,850	34.7	1,476,282	1,176,752	—	—
1956 <sup>1</sup>	2,918,212	—	—	—	1,911,458	1,006,754	34.5	1,656,402	1,261,810	—	—
1957	3,323,783	—	—	—	2,170,765	1,153,018	34.7	1,972,673	1,351,110	—	—
1959	3,639,847	2,421,016	1,218,831 <sup>2</sup>	33.5	2,332,617	1,307,230	35.9	2,180,982	1,458,865	—	—
1961	4,145,065	2,785,133	1,359,932 <sup>2</sup>	32.8	2,585,821	1,559,244	37.6	2,561,447	1,583,618	—	—
1963	4,779,609	3,183,833	1,595,776 <sup>2</sup>	33.4	2,961,540	1,818,069	38.0	3,081,279	1,698,330	—	—
1964	5,280,020	3,573,238	1,706,782 <sup>2</sup>	32.3	3,248,713	2,031,307	38.5	3,467,708	1,812,312	—	—
1965	5,920,864	4,095,728	1,825,136 <sup>2</sup>	30.8	3,630,020	2,290,844	38.7	3,969,596	1,951,268	—	—
1966	6,389,872	4,438,606	1,951,266 <sup>2</sup>	30.5	3,856,216	2,533,656	39.7	4,348,917	2,040,955	—	—
1967	6,911,748	4,793,128	2,118,620 <sup>2</sup>	30.7	4,132,800	2,778,948	40.2	4,816,028	2,095,720	2,074,041	21,679
1968	7,513,091	5,210,155	2,302,936	30.7	4,477,649	3,035,442	40.4	5,430,652	2,082,439	2,061,211	21,128
1969	8,004,660	5,498,883	2,505,777	31.3	4,746,201	3,258,459	40.7	5,896,868	2,107,792	2,087,653	20,139
1970	8,580,887	5,816,290	2,764,597	32.2	5,043,642	3,537,245	41.2	6,428,134	2,152,753	2,134,420	18,333
1971	8,948,644	6,077,232	2,871,412	32.1	5,207,004	3,741,640	41.8	6,804,309	2,144,335	2,121,913	22,422
1972	9,214,860	6,072,389	3,142,471	34.1	5,238,757	3,976,103	43.1	7,070,635	2,144,225	2,123,245	20,980
1973	9,602,123	6,189,493	3,412,630	35.5	5,371,052	4,231,071	44.1	7,419,516	2,182,607	2,148,784	33,823
1974	10,223,729	6,370,273	3,853,456	37.7	5,622,429	4,601,300	45.0	7,988,500	2,235,229	2,200,963	34,266
1975	11,184,859	6,841,334	4,343,525	38.8	6,148,997	5,035,862	45.0	8,834,508	2,350,351	2,311,448	38,903
1976	11,012,137	6,717,058	4,295,079	39.0	5,810,828	5,201,309	47.2	8,653,477	2,358,660	2,314,298	44,362
1977	11,285,787	6,792,925	4,492,862	39.8	5,789,016	5,496,771	48.7	8,846,993	2,438,794	2,386,652	52,142
1978	11,260,092	6,667,657	4,592,435	40.8	5,640,998	5,619,094	49.9	8,785,893	2,474,199	2,408,331	65,868
1979	11,569,899	6,794,039	4,775,860	41.3	5,682,877	5,887,022	50.9	9,036,822	2,533,077	2,461,773	71,304
1980	12,096,895	7,097,958	4,998,937	41.3	5,874,374	6,222,521	51.4	9,457,394	2,639,501	2,527,787	111,714 <sup>3</sup>
1981	12,371,672	7,181,250	5,190,422	42.0	5,975,056	6,396,616	51.7	9,647,032	2,724,640	2,572,405	152,235 <sup>3</sup>
1982	12,425,780	7,220,618	5,205,162	41.9	6,031,384	6,394,396	51.5	9,696,087	2,729,693	2,552,739	176,954 <sup>3</sup>
1983	12,464,661	7,261,050	5,203,611	41.7	6,023,725	6,440,936	51.7	9,682,734	2,781,927	2,589,187	192,740
1984	12,241,940	7,098,388	5,143,552	42.0	5,863,574	6,378,366	52.1	9,477,370	2,764,570	2,574,419	190,151
1985	12,247,055	7,075,221	5,171,834	42.2	5,818,450	6,428,605	52.5	9,479,273	2,767,782	2,571,791	195,991
1986	12,503,511	7,119,550	5,383,961	43.1	5,884,515	6,618,996	52.9	9,713,893	2,789,618	2,572,479	217,139 <sup>4</sup>
1987	12,766,642	7,231,085	5,535,557	43.4	5,932,056	6,834,586	53.5	9,973,254	2,793,388	2,602,350	191,038 <sup>4</sup>
1988	13,055,337	7,436,768	5,618,569	43.0	6,001,896	7,053,441	54.0	10,161,388	2,893,949	2,673,567	220,382
1989	13,538,560	7,660,950	5,877,610	43.4	6,190,015	7,348,545	54.3	10,577,963	2,960,597	2,731,174	229,423
1990	13,818,637	7,820,985	5,997,652	43.4	6,283,909	7,534,728	54.5	10,844,717	2,973,920	2,760,227	213,693
1991	14,358,953	8,115,329	6,243,624	43.5	6,501,844	7,857,109	54.7	11,309,563	3,049,390	2,819,041	230,349
1992	14,487,359	8,162,118	6,325,241	43.7	6,523,989	7,963,370	55.0	11,384,567	3,102,792	2,872,523	230,269
1993	14,304,803	8,127,618	6,177,185	43.2	6,427,450	7,877,353	55.1	11,189,088	3,115,715	2,888,897	226,818
1994	14,278,790	8,137,776	6,141,014	43.0	6,371,898	7,906,892	55.4	11,133,680	3,145,110	2,910,107	235,003
1995	14,261,781	8,128,802	6,132,979	43.0	6,342,539	7,919,242	55.5	11,092,374	3,169,407	2,929,044	240,363
1996	14,367,520	8,302,953	6,064,567	42.2	6,352,825	8,014,695	55.8	11,120,499	3,247,021	2,942,556	304,465
1997	14,502,334	8,438,062	6,064,272	41.8	6,396,028	8,106,306	55.9	11,196,119	3,306,215	2,977,614	328,601
1998	14,506,967	8,563,338	5,943,629	41.0	6,369,265	8,137,702	56.1	11,137,769	3,369,198	3,004,925	364,273
1999	14,849,691	8,803,139	6,046,552	40.7	6,515,164	8,334,527	56.1	11,375,739	3,473,952	3,055,029	418,923
2000	15,312,289	9,009,600	6,302,689	41.2	6,721,769	8,590,520	56.1	11,752,786	3,559,503	3,109,419	450,084
2001	15,927,987	9,447,502	6,480,485	40.7	6,960,815	8,967,172	56.3	12,233,156	3,694,831	3,167,330	527,501
2002	16,611,711	9,946,359	6,665,352	40.1	7,202,116	9,409,595	56.6	12,751,993	3,859,718	3,265,476	594,242
2003	16,911,481	10,326,133	6,585,348	38.9	7,260,264	9,651,217	57.1	12,858,698	4,052,783	3,341,048	711,735
2004	17,272,044	10,610,177	6,661,867	38.6	7,387,262	9,884,782	57.2	12,980,112	4,291,932	3,411,685	880,247
2005	17,487,475	10,797,011	6,690,464	38.3	7,455,925	10,031,550	57.4	13,021,834	4,465,641	3,454,692	1,010,949
2006	17,758,870	10,957,305	6,801,565	38.3	7,574,815	10,184,055	57.3	13,180,133	4,578,737	3,512,866	1,065,871
2007	18,248,128	11,269,892	6,978,236	38.2	7,815,914	10,432,214	57.2	13,490,780	4,757,348	3,571,150	1,186,198
2008	19,102,814	11,747,743	7,355,071	38.5	8,188,895	10,913,919	57.1	13,972,153	5,130,661	3,661,519	1,469,142
2009	20,313,594	12,605,355	7,708,239	37.9	8,732,953	11,580,641	57.0	14,810,768	5,502,826	3,767,672	1,735,154
2010	21,019,438	13,087,182	7,932,256	37.7	9,045,759	11,973,679	57.0	15,142,171	5,877,267	3,854,482	2,022,785
2011	21,010,590	13,002,531	8,008,059	38.1	9,034,256	11,976,334	57.0	15,116,303	5,894,287	3,926,819	1,967,468
2012	20,644,478	12,734,404	7,910,074	38.3	8,919,006	11,725,472	56.8	14,884,667	5,759,811	3,951,388	1,808,423
2013	20,376,677	12,596,610	7,780,067	38.2	8,861,197	11,515,480	56.5	14,746,848	5,629,829	3,971,390	1,658,439
2014	20,209,092	12,454,464	7,754,628	38.4	8,797,530	11,411,562	56.5	14,654,660	5,554,432	3,997,249	1,557,183

See notes at end of table.

**Table 303.10. Total fall enrollment in degree-granting postsecondary institutions, by attendance status, sex of student, and control of institution: Selected years, 1947 through 2027—Continued**

Year	Total enrollment	Attendance status			Sex of student			Control of institution			
		Full-time	Part-time	Percent part-time	Male	Female	Percent female	Public	Private		
									Total	Nonprofit	For-profit
1	2	3	4	5	6	7	8	9	10	11	12
2015.....	19,988,204	12,287,512	7,700,692	38.5	8,723,819	11,264,385	56.4	14,572,843	5,415,361	4,065,891	1,349,470
2016.....	19,841,014	12,126,325	7,714,689	38.9	8,635,699	11,205,315	56.5	14,582,972	5,258,042	4,077,797	1,180,245
2017 <sup>5</sup> .....	19,831,000	12,085,000	7,746,000	39.1	8,637,000	11,193,000	56.4	14,728,000	5,103,000	—	—
2018 <sup>5</sup> .....	19,924,000	12,128,000	7,796,000	39.1	8,675,000	11,249,000	56.5	14,797,000	5,126,000	—	—
2019 <sup>5</sup> .....	20,014,000	12,166,000	7,847,000	39.2	8,713,000	11,301,000	56.5	14,865,000	5,149,000	—	—
2020 <sup>5</sup> .....	20,047,000	12,164,000	7,883,000	39.3	8,726,000	11,322,000	56.5	14,888,000	5,159,000	—	—
2021 <sup>5</sup> .....	20,085,000	12,166,000	7,919,000	39.4	8,739,000	11,346,000	56.5	14,914,000	5,171,000	—	—
2022 <sup>5</sup> .....	20,129,000	12,178,000	7,952,000	39.5	8,756,000	11,373,000	56.5	14,946,000	5,183,000	—	—
2023 <sup>5</sup> .....	20,186,000	12,197,000	7,989,000	39.6	8,779,000	11,407,000	56.5	14,989,000	5,198,000	—	—
2024 <sup>5</sup> .....	20,259,000	12,230,000	8,029,000	39.6	8,809,000	11,450,000	56.5	15,044,000	5,215,000	—	—
2025 <sup>5</sup> .....	20,334,000	12,273,000	8,061,000	39.6	8,842,000	11,492,000	56.5	15,101,000	5,233,000	—	—
2026 <sup>5</sup> .....	20,417,000	12,319,000	8,099,000	39.7	8,880,000	11,538,000	56.5	15,163,000	5,254,000	—	—
2027 <sup>5</sup> .....	20,453,000	12,325,000	8,129,000	39.7	8,896,000	11,557,000	56.5	15,189,000	5,265,000	—	—

—Not available.

<sup>1</sup>Degree-credit enrollment only.

<sup>2</sup>Includes part-time resident students and all extension students (students attending courses at sites separate from the primary reporting campus). In later years, part-time student enrollment was collected as a distinct category.

<sup>3</sup>Large increases are due to the addition of schools accredited by the Accrediting Commission of Career Schools and Colleges of Technology.

<sup>4</sup>Because of imputation techniques, data are not consistent with figures for other years.

<sup>5</sup>Projected.

NOTE: Data through 1995 are for institutions of higher education, while later data are for degree-granting institutions. Degree-granting institutions grant associate's or higher degrees and partici-

pate in Title IV federal financial aid programs. The degree-granting classification is very similar to the earlier higher education classification, but it includes more 2-year colleges and excludes a few higher education institutions that did not grant degrees. Some data have been revised from previously published figures.

SOURCE: U.S. Department of Education, National Center for Education Statistics, *Biennial Survey of Education in the United States; Opening Fall Enrollment in Higher Education*, 1963 through 1965; Higher Education General Information Survey (HEGIS), "Fall Enrollment in Colleges and Universities" surveys, 1966 through 1985; Integrated Postsecondary Education Data System (IPEDS), "Fall Enrollment Survey" (IPEDS-EF:86-99); IPEDS Spring 2001 through Spring 2017, Fall Enrollment component; and Enrollment in Degree-Granting Institutions Projection Model, 1980 through 2027. (This table was prepared March 2018.)

**Table 303.20. Total fall enrollment in all postsecondary institutions participating in Title IV programs and annual percentage change in enrollment, by degree-granting status and control of institution: 1995 through 2016**

Year	All Title IV institutions <sup>1</sup>				Degree-granting institutions <sup>2</sup>					Non-degree-granting institutions <sup>3</sup>			
	Total	Public	Private		Total	Public	Private			Total	Public	Private	
			Nonprofit	For-profit			Total	Nonprofit	For-profit			Nonprofit	For-profit
1	2	3	4	5	6	7	8	9	10	11	12	13	14
Enrollment													
1995.....	14,836,338	11,312,491	2,977,794	546,053	14,261,781	11,092,374	3,169,407	2,929,044	240,363	574,557	220,117	48,750	305,690
1996.....	14,809,897	11,312,775	2,976,850	520,272	14,367,520	11,120,499	3,247,021	2,942,556	304,465	442,377	192,276	34,294	215,807
1997.....	14,900,416	11,370,755	3,012,106	517,555	14,502,334	11,196,119	3,306,215	2,977,614	328,601	398,082	174,636	34,492	188,954
1998.....	14,923,839	11,330,811	3,040,251	552,777	14,506,967	11,137,769	3,369,198	3,004,925	364,273	416,872	193,042	35,326	188,504
1999.....	15,262,888	11,556,731	3,088,233	617,924	14,849,691	11,375,739	3,473,952	3,055,029	418,923	413,197	180,992	33,204	199,001
2000.....	15,701,409	11,891,450	3,137,108	672,851	15,312,289	11,752,786	3,559,503	3,109,419	450,084	389,120	138,664	27,689	222,767
2001.....	16,334,134	12,370,079	3,198,354	765,701	15,927,987	12,233,156	3,694,831	3,167,330	527,501	406,147	136,923	31,024	238,200
2002.....	17,035,027	12,883,071	3,299,094	852,862	16,611,711	12,751,993	3,859,718	3,265,476	594,242	423,316	131,078	33,618	258,620
2003.....	17,330,775	12,965,502	3,372,647	992,626	16,911,481	12,858,698	4,052,783	3,341,048	711,735	419,294	106,804	31,599	280,891
2004.....	17,710,798	13,081,358	3,440,559	1,188,881	17,272,044	12,980,112	4,291,932	3,411,685	880,247	438,754	101,246	28,874	308,634
2005.....	17,921,804	13,115,177	3,484,013	1,322,614	17,487,475	13,021,834	4,465,641	3,454,692	1,010,949	434,329	93,343	29,321	311,665
2006.....	18,205,474	13,281,664	3,543,455	1,380,355	17,758,870	13,180,133	4,578,737	3,512,866	1,065,871	446,604	101,531	30,589	314,484
2007.....	18,671,084	13,595,849	3,595,207	1,480,028	18,248,128	13,490,780	4,757,348	3,571,150	1,186,198	422,956	105,069	24,057	293,830
2008.....	19,574,395	14,092,109	3,684,723	1,797,563	19,102,814	13,972,153	5,130,661	3,661,519	1,469,142	471,581	119,956	23,204	328,421
2009.....	20,853,423	14,936,402	3,793,751	2,123,270	20,313,594	14,810,768	5,502,826	3,767,672	1,735,154	539,829	125,634	26,079	388,116
2010.....	21,591,742	15,279,455	3,881,630	2,430,657	21,019,438	15,142,171	5,877,267	3,854,482	2,022,785	572,304	137,284	27,148	407,872
2011.....	21,573,798	15,251,185	3,954,173	2,368,440	21,010,590	15,116,303	5,894,287	3,926,819	1,967,468	563,208	134,882	27,354	400,972
2012.....	21,148,181	15,000,302	3,973,422	2,174,457	20,644,478	14,884,667	5,759,811	3,951,388	1,808,423	503,703	115,635	22,034	366,034
2013.....	20,848,050	14,856,309	3,990,858	2,000,883	20,376,677	14,746,848	5,629,829	3,971,390	1,658,439	471,373	109,461	19,468	342,444
2014.....	20,664,180	14,764,741	4,016,240	1,883,199	20,209,092	14,654,660	5,554,432	3,997,249	1,557,183	455,088	110,081	18,991	326,016
2015.....	20,400,164	14,682,321	4,088,450	1,629,393	19,988,204	14,572,843	5,415,361	4,065,891	1,349,470	411,960	109,478	22,559	279,923
2016.....	20,224,069	14,692,988	4,095,815	1,435,266	19,841,014	14,582,972	5,258,042	4,077,797	1,180,245	383,055	110,016	18,018	255,021
Annual percentage change													
1995 to 1996.....	-0.2	#	#	-4.7	0.7	0.3	2.4	0.5	26.7	-23.0	-12.6	-29.7	-29.4
1996 to 1997.....	0.6	0.5	1.2	-0.5	0.9	0.7	1.8	1.2	7.9	-10.0	-9.2	0.6	-12.4
1997 to 1998.....	0.2	-0.4	0.9	6.8	#	-0.5	1.9	0.9	10.9	4.7	10.5	2.4	-0.2
1998 to 1999.....	2.3	2.0	1.6	11.8	2.4	2.1	3.1	1.7	15.0	-0.9	-6.2	-6.0	5.6
1999 to 2000.....	2.9	2.9	1.6	8.9	3.1	3.3	2.5	1.8	7.4	-5.8	-23.4	-16.6	11.9
2000 to 2001.....	4.0	4.0	2.0	13.8	4.0	4.1	3.8	1.9	17.2	4.4	-1.3	12.0	6.9
2001 to 2002.....	4.3	4.1	3.1	11.4	4.3	4.2	4.5	3.1	12.7	4.2	-4.3	8.4	8.6
2002 to 2003.....	1.7	0.6	2.2	16.4	1.8	0.8	5.0	2.3	19.8	-1.0	-18.5	-6.0	8.6
2003 to 2004.....	2.2	0.9	2.0	19.8	2.1	0.9	5.9	2.1	23.7	4.6	-5.2	-8.6	9.9
2004 to 2005.....	1.2	0.3	1.3	11.2	1.2	0.3	4.0	1.3	14.8	-1.0	-7.8	1.5	1.0
2005 to 2006.....	1.6	1.3	1.7	4.4	1.6	1.2	2.5	1.7	5.4	2.8	8.8	4.3	0.9
2006 to 2007.....	2.6	2.4	1.5	7.2	2.8	2.4	3.9	1.7	11.3	-5.3	3.5	-21.4	-6.6
2007 to 2008.....	4.8	3.7	2.5	21.5	4.7	3.6	7.8	2.5	23.9	11.5	14.2	-3.5	11.8
2008 to 2009.....	6.5	6.0	3.0	18.1	6.3	6.0	7.3	2.9	18.1	14.5	4.7	12.4	18.2
2009 to 2010.....	3.5	2.3	2.3	14.5	3.5	2.2	6.8	2.3	16.6	6.0	9.3	4.1	5.1
2010 to 2011.....	-0.1	-0.2	1.9	-2.6	#	-0.2	0.3	1.9	-2.7	-1.6	-1.7	0.8	-1.7
2011 to 2012.....	-2.0	-1.6	0.5	-8.2	-1.7	-1.5	-2.3	0.6	-8.1	-10.6	-14.3	-19.4	-8.7
2012 to 2013.....	-1.4	-1.0	0.4	-8.0	-1.3	-0.9	-2.3	0.5	-8.3	-6.4	-5.3	-11.6	-6.4
2013 to 2014.....	-0.9	-0.6	0.6	-5.9	-0.8	-0.6	-1.4	0.6	-6.2	-3.2	1.3	-2.4	-4.7
2014 to 2015.....	-1.3	-0.6	1.8	-13.5	-1.1	-0.6	-2.5	1.7	-13.3	-9.5	-0.5	18.8	-14.1
2015 to 2016.....	-0.9	0.1	0.2	-11.9	-0.7	0.1	-2.9	0.3	-12.5	-7.0	0.5	-20.1	-8.9

#Rounds to zero.

<sup>1</sup>Includes degree-granting and non-degree-granting institutions.

<sup>2</sup>Data for 1995 are for institutions of higher education, while later data are for degree-granting institutions. Degree-granting institutions grant associate's or higher degrees and participate in Title IV federal financial aid programs. The degree-granting classification is very similar to the earlier higher education classification, but it includes more 2-year colleges and excludes a few higher education institutions that did not grant degrees.

<sup>3</sup>Data are for institutions that did not offer accredited 4-year or 2-year programs, but were participating in Title IV federal financial aid programs. Includes some institutions transitioning to higher level program offerings, though still classified at a lower level.

NOTE: Some data have been revised from previously published figures.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), "Fall Enrollment Survey" (IPEDS-EF:95-99); and IPEDS Spring 2001 through Spring 2017, Fall Enrollment component. (This table was prepared November 2017.)

**Table 303.25. Total fall enrollment in degree-granting postsecondary institutions, by control and level of institution: 1970 through 2016**

Year	All institutions			Public institutions			Private institutions								
	Total	4-year	2-year	Total	4-year	2-year	All private institutions			Nonprofit			For-profit		
							Total	4-year	2-year	Total	4-year	2-year	Total	4-year	2-year
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
1970.....	8,580,887	6,261,502	2,319,385	6,428,134	4,232,722	2,195,412	2,152,753	2,028,780	123,973	2,134,420	2,021,121	113,299	18,333	7,659	10,674
1971.....	8,948,644	6,369,355	2,579,289	6,804,309	4,346,990	2,457,319	2,144,335	2,022,365	121,970	2,121,913	2,011,682	110,231	22,422	10,683	11,739
1972.....	9,214,860	6,458,674	2,756,186	7,070,635	4,429,696	2,640,939	2,144,225	2,028,978	115,247	2,123,245	2,019,380	103,865	20,980	9,598	11,382
1973.....	9,602,123	6,590,023	3,012,100	7,419,516	4,529,895	2,889,621	2,182,607	2,060,128	122,479	2,148,784	2,045,804	102,980	33,823	14,324	19,499
1974.....	10,223,729	6,819,735	3,403,994	7,988,500	4,703,018	3,285,482	2,235,229	2,116,717	118,512	2,200,963	2,098,599	102,364	34,266	18,118	16,148
1975.....	11,184,859	7,214,740	3,970,119	8,834,508	4,998,142	3,836,366	2,350,351	2,216,598	133,753	2,311,448	2,198,451	112,997	38,903	18,147	20,756
1976.....	11,012,137	7,128,816	3,883,321	8,653,477	4,901,691	3,751,786	2,358,660	2,227,125	131,535	2,314,298	2,206,457	107,841	44,362	20,668	23,694
1977.....	11,285,787	7,242,845	4,042,942	8,846,993	4,945,224	3,901,769	2,438,794	2,297,621	141,173	2,386,652	2,277,072	109,580	52,142	20,549	31,593
1978.....	11,260,092	7,231,625	4,028,467	8,785,893	4,912,203	3,873,690	2,474,199	2,319,422	154,777	2,408,331	2,299,132	109,199	65,868	20,590	45,578
1979.....	11,569,899	7,353,233	4,216,666	9,036,822	4,980,012	4,056,810	2,533,077	2,373,221	159,856	2,461,773	2,351,364	110,409	71,304	21,857	49,447
1980.....	12,096,895	7,570,608	4,526,287	9,457,394	5,128,612	4,328,782	2,639,501	2,441,996	197,505 <sup>1</sup>	2,527,787	2,413,693	114,094	111,714	28,303	83,411 <sup>1</sup>
1981.....	12,371,672	7,655,461	4,716,211	9,647,032	5,166,324	4,480,708	2,724,640	2,489,137	235,503 <sup>1</sup>	2,572,405	2,453,239	119,166	152,235	35,898	116,337 <sup>1</sup>
1982.....	12,425,680	7,654,074	4,771,706	9,696,087	5,176,434	4,519,653	2,729,693	2,477,640	252,053 <sup>1</sup>	2,552,739	2,437,763	114,976	176,954	39,877	137,077 <sup>1</sup>
1983.....	12,464,661	7,741,195	4,723,466	9,682,734	5,223,404	4,459,330	2,781,927	2,517,791	264,136	2,589,187	2,472,894	116,293	192,740	44,897	147,843
1984.....	12,241,940	7,711,167	4,530,773	9,477,370	5,198,273	4,279,097	2,764,570	2,512,894	251,676	2,574,419	2,466,172	108,247	190,151	46,722	143,429
1985.....	12,247,055	7,715,978	4,531,077	9,479,273	5,209,540	4,269,733	2,767,782	2,506,438	261,344	2,571,791	2,463,000	108,791	195,991	43,438	152,553
1986.....	12,503,511	7,823,963	4,679,548	9,713,893	5,300,202	4,413,691	2,789,618	2,523,761	265,857 <sup>2</sup>	2,572,479	2,470,981	101,498	217,139	52,780	164,359 <sup>2</sup>
1987.....	12,566,642	7,990,420	4,776,222	9,973,254	5,432,200	4,541,054	2,793,388	2,558,220	235,168 <sup>2</sup>	2,602,350	2,512,248	90,102	191,038	45,972	145,066 <sup>2</sup>
1988.....	13,055,337	8,180,182	4,875,155	10,161,388	5,545,901	4,615,487	2,893,949	2,634,281	259,668	—	—	—	—	—	—
1989.....	13,538,560	8,387,671	5,150,889	10,577,963	5,694,303	4,883,660	2,960,597	2,693,368	267,229	—	—	—	—	—	—
1990.....	13,818,637	8,578,554	5,240,083	10,844,717	5,848,242	4,996,475	2,973,920	2,730,312	243,608	2,760,227	2,671,069	89,158	213,693	59,243	154,450
1991.....	14,358,953	8,707,053	5,651,900	11,309,563	5,904,748	5,404,815	3,049,390	2,802,305	247,085	2,819,041	2,729,752	89,289	230,349	72,553	157,796
1992.....	14,487,359	8,764,969	5,722,390	11,384,567	5,900,012	5,484,555	3,102,792	2,864,957	237,835	2,872,523	2,789,235	83,288	230,269	75,722	154,547
1993.....	14,304,803	8,738,936	5,565,867	11,189,088	5,851,760	5,337,328	3,115,715	2,887,176	228,539	2,802,540	2,726,818	86,357	226,818	84,636	142,182
1994.....	14,278,790	8,749,080	5,529,710	11,133,680	5,825,213	5,308,467	3,145,110	2,923,867	221,243	2,910,107	2,824,500	85,607	235,003	99,367	135,636
1995.....	14,261,781	8,769,252	5,492,529	11,092,374	5,814,545	5,277,829	3,169,407	2,954,707	214,700	2,929,044	2,853,890	75,154	240,363	100,817	139,546
1996.....	14,367,520	8,804,193	5,563,327	11,120,499	5,806,036	5,314,463	3,247,021	2,998,157	248,864	2,942,556	2,867,181	75,375	304,465	130,976	173,489
1997.....	14,502,334	8,896,765	5,605,569	11,196,119	5,835,433	5,360,686	3,306,215	3,061,332	244,883	2,977,614	2,905,820	71,794	328,601	155,512	173,089
1998.....	14,506,967	9,017,653	5,489,314	11,137,769	5,891,806	5,245,965	3,369,198	3,125,847	243,351	3,004,925	2,939,055	65,870	364,273	186,792	177,481
1999.....	14,849,691	9,196,160	5,653,531	11,375,739	5,977,678	5,398,061	3,473,952	3,218,482	255,470	3,055,029	2,991,728	63,301	418,923	226,754	192,169
2000.....	15,312,289	9,363,858	5,948,431	11,752,786	6,055,398	5,697,388	3,559,503	3,308,460	251,043	3,109,419	3,050,575	58,844	450,084	257,885	192,199
2001.....	15,927,987	9,677,408	6,250,579	12,233,156	6,236,455	5,996,701	3,694,831	3,440,953	253,878	3,167,330	3,119,781	47,549	527,501	321,172	206,329
2002.....	16,611,711	10,082,332	6,529,379	12,751,993	6,481,613	6,270,380	3,859,718	3,600,719	258,999	3,265,476	3,218,389	47,087	594,242	382,330	211,912
2003.....	16,911,481	10,417,247	6,494,234	12,858,698	6,649,441	6,209,257	4,052,783	3,767,806	284,977	3,341,048	3,297,180	43,868	711,735	470,626	241,109
2004.....	17,272,484	10,726,181	6,545,863	12,980,112	6,736,536	6,243,576	4,291,932	3,989,645	302,287	3,411,685	3,369,435	42,250	880,247	620,210	260,037
2005.....	17,487,475	10,999,420	6,488,055	13,021,834	6,837,605	6,184,229	4,465,641	4,161,815	303,826	3,454,692	3,411,170	43,522	1,010,949	750,645	260,304
2006.....	17,758,870	11,240,330	6,518,540	13,180,133	6,955,013	6,225,120	4,578,737	4,285,317	293,420	3,512,866	3,473,710	39,156	1,065,871	811,607	254,264
2007.....	18,248,128	11,630,198	6,617,930	13,490,780	7,166,661	6,324,119	4,757,348	4,463,537	293,811	3,571,150	3,537,664	33,486	1,186,198	925,873	260,325
2008.....	19,102,814	12,131,436	6,971,378	13,972,153	7,331,809	6,640,344	5,130,661	4,799,627	331,034	3,661,519	3,626,168	35,351	1,469,142	1,173,459	295,683
2009.....	20,313,594	12,791,012	7,522,582	14,810,768	7,709,198	7,101,570	5,502,826	5,081,814	421,012	3,767,672	3,732,900	34,772	1,735,154	1,348,914	386,240
2010.....	21,019,438	13,335,841	7,683,597	15,142,171	7,924,108	7,218,063	5,877,267	5,411,733	465,534	3,854,482	3,821,799	32,683	2,022,785	1,589,934	432,851
2011.....	21,010,590	13,499,440	7,511,150	15,116,303	8,048,145	7,068,158	5,894,287	5,451,295	442,992	3,926,819	3,886,964	39,855	1,967,468	1,564,331	403,137
2012.....	20,644,478	13,476,638	7,167,840	14,884,667	8,092,602	6,792,065	5,759,811	5,384,036	375,775	3,951,388	3,913,690	37,698	1,808,423	1,470,346	338,077
2013.....	20,376,677	13,406,033	6,970,644	14,746,848	8,120,437	6,626,411	5,629,829	5,285,596	344,233	3,971,390	3,939,199	32,191	1,658,439	1,348,397	312,042
2014.....	20,209,092	13,494,414	6,714,678	14,654,660	8,257,108	6,397,552	5,554,432	5,237,306	317,126	3,997,249	3,966,873	30,376	1,557,183	1,270,433	286,750
2015.....	19,988,204	13,488,743	6,499,461	14,572,843	8,348,539	6,224,304	5,415,361	5,140,204	275,157	4,065,891	4,015,882	50,009	1,349,470	1,124,322	225,148
2016.....	19,841,014	13,750,769	6,090,245	14,582,972	8,741,896	5,841,076	5,258,042	5,008,873	249,169	4,077,797	4,027,240	50,557	1,180,245	981,633	198,612

—Not available.

<sup>1</sup>Large increases are due to the addition of schools accredited by the Accrediting Commission of Career Schools and Colleges of Technology.

<sup>2</sup>Because of imputation techniques, data are not consistent with figures for other years.

NOTE: Data through 1995 are for institutions of higher education, while later data are for degree-granting institutions. Degree-granting institutions grant associate's or higher degrees and participate in Title IV federal financial aid programs. The degree-granting classification is very similar to the earlier higher education classification, but it includes more 2-year colleges and

excludes a few higher education institutions that did not grant degrees. Some data have been revised from previously published figures.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Higher Education General Information Survey (HEGIS), "Fall Enrollment in Institutions of Higher Education" surveys, 1970 through 1985; Integrated Postsecondary Education Data System (IPEDS), "Fall Enrollment Survey" (IPEDS-EF-86-99); and IPEDS Spring 2001 through Spring 2017, Fall Enrollment component. (This table was prepared November 2017.)

**Table 303.30. Total fall enrollment in degree-granting postsecondary institutions, by level and control of institution, attendance status, and sex of student: Selected years, 1970 through 2027**

Level and control of institution, attendance status, and sex of student	Actual														
	1970	1975	1980 <sup>1</sup>	1985	1990	1995	2000	2005	2010	2012	2013	2014	2015	2016	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	
<b>Total</b> .....	<b>8,580,887</b>	<b>11,184,859</b>	<b>12,096,895</b>	<b>12,247,055</b>	<b>13,818,637</b>	<b>14,261,781</b>	<b>15,312,289</b>	<b>17,487,475</b>	<b>21,019,438</b>	<b>20,644,478</b>	<b>20,376,677</b>	<b>20,209,092</b>	<b>19,988,204</b>	<b>19,841,014</b>	
Full-time .....	5,816,290	6,841,334	7,097,958	7,075,221	7,820,985	8,128,802	9,009,600	10,797,011	13,087,182	12,734,404	12,596,610	12,454,464	12,287,512	12,126,325	
Males .....	3,504,095	3,926,753	3,689,244	3,607,720	3,807,752	3,807,392	4,111,093	4,803,388	5,838,383	5,708,406	5,682,322	5,619,778	5,558,447	5,473,169	
Females .....	2,312,195	2,914,581	3,408,714	3,467,501	4,013,233	4,321,410	4,898,507	5,993,623	7,248,799	7,025,998	6,914,288	6,834,686	6,729,065	6,653,156	
Part-time .....	2,764,597	4,343,525	4,998,937	5,171,834	5,997,652	6,132,979	6,302,689	6,690,464	7,932,256	7,910,074	7,780,067	7,754,628	7,700,692	7,714,689	
Males .....	1,539,547	2,222,244	2,185,130	2,210,730	2,476,157	2,535,147	2,610,676	2,652,537	3,207,376	3,210,600	3,178,875	3,177,752	3,165,372	3,162,530	
Females .....	1,225,050	2,121,281	2,813,807	2,961,104	3,521,495	3,597,832	3,692,013	4,037,927	4,724,880	4,699,474	4,601,192	4,576,876	4,535,320	4,552,159	
<b>4-year</b> .....	<b>6,261,502</b>	<b>7,214,740</b>	<b>7,570,608</b>	<b>7,715,978</b>	<b>8,578,554</b>	<b>8,769,252</b>	<b>9,363,858</b>	<b>10,999,420</b>	<b>13,335,841</b>	<b>13,476,638</b>	<b>13,406,033</b>	<b>13,494,414</b>	<b>13,488,743</b>	<b>13,750,769</b>	
Full-time .....	4,587,379	5,080,256	5,344,163	5,384,614	5,937,023	6,151,755	6,792,551	8,150,209	9,721,803	9,792,607	9,760,336	9,793,357	9,776,828	9,816,107	
Males .....	2,732,796	2,891,192	2,809,528	2,781,412	2,926,360	2,929,177	3,115,252	3,649,622	4,355,153	4,402,749	4,402,528	4,419,130	4,414,743	4,414,959	
Females .....	1,854,583	2,189,064	2,534,635	2,603,202	3,010,663	3,222,578	3,677,299	4,500,587	5,366,650	5,389,858	5,357,808	5,374,227	5,362,085	5,401,148	
Part-time .....	1,674,123	2,134,484	2,226,445	2,331,364	2,641,531	2,617,497	2,571,307	2,849,211	3,614,038	3,684,031	3,645,697	3,701,057	3,711,915	3,934,662	
Males .....	936,189	1,092,461	1,017,813	1,034,804	1,124,780	1,084,753	1,047,917	1,125,935	1,424,721	1,470,164	1,460,229	1,484,380	1,491,001	1,550,218	
Females .....	737,934	1,042,023	1,208,632	1,296,560	1,516,751	1,532,744	1,523,390	1,723,276	2,189,317	2,213,867	2,185,468	2,216,677	2,220,914	2,384,444	
Public 4-year .....	4,232,722	4,998,142	5,128,612	5,209,540	5,848,242	5,814,545	6,055,398	6,837,605	7,924,108	8,092,602	8,120,437	8,257,108	8,348,539	8,741,896	
Full-time .....	3,086,491	3,469,821	3,592,193	3,623,341	4,033,654	4,084,711	4,371,218	5,021,745	5,811,214	5,909,868	5,934,886	6,011,908	6,081,177	6,235,210	
Males .....	1,813,584	1,947,823	1,873,397	1,863,689	1,982,369	1,951,140	2,008,618	2,295,456	2,707,307	2,756,885	2,772,514	2,806,792	2,833,998	2,893,837	
Females .....	1,272,907	1,521,998	1,718,796	1,759,652	2,051,285	2,133,571	2,362,600	2,726,289	3,103,907	3,152,983	3,162,372	3,205,116	3,247,179	3,341,373	
Part-time .....	1,146,231	1,528,321	1,536,419	1,586,199	1,814,588	1,729,834	1,684,180	1,815,860	2,112,894	2,182,734	2,185,551	2,245,200	2,267,362	2,506,686	
Males .....	609,422	760,469	685,051	693,115	764,248	720,402	683,100	724,375	860,968	901,212	911,023	941,104	955,658	1,065,024	
Females .....	536,809	767,852	851,368	893,084	1,050,340	1,009,432	1,001,080	1,091,485	1,251,926	1,281,522	1,274,528	1,304,096	1,311,704	1,441,662	
Private 4-year .....	2,028,780	2,216,598	2,441,996	2,506,438	2,730,312	2,954,707	3,308,460	4,161,815	5,411,733	5,384,036	5,285,596	5,237,306	5,140,204	5,008,873	
Full-time .....	1,500,888	1,610,435	1,751,970	1,761,273	1,903,369	2,067,044	2,421,333	3,128,464	3,910,589	3,882,739	3,825,450	3,781,449	3,695,651	3,580,897	
Males .....	919,212	943,369	936,131	917,723	943,991	978,037	1,106,634	1,354,166	1,647,846	1,645,864	1,630,014	1,612,338	1,580,745	1,521,122	
Females .....	581,676	667,066	815,839	843,550	959,378	1,089,007	1,314,699	1,774,298	2,262,743	2,236,875	2,195,436	2,169,111	2,114,906	2,059,775	
Part-time .....	527,892	606,163	690,026	745,165	826,943	887,663	887,127	1,033,351	1,501,144	1,501,297	1,460,146	1,455,857	1,444,553	1,427,976	
Males .....	326,767	331,992	332,762	341,689	360,532	364,351	364,817	401,560	563,753	568,952	549,206	543,276	535,343	519,194	
Females .....	201,125	274,171	357,264	403,476	466,411	523,312	522,310	631,791	937,391	932,345	910,940	912,581	909,210	908,782	
Nonprofit 4-year .....	2,021,121	2,198,451	2,413,693	2,463,000	2,671,069	2,853,890	3,050,575	3,411,170	3,821,799	3,913,690	3,939,199	3,966,873	4,015,882	4,027,240	
Full-time .....	1,494,625	1,596,074	1,733,014	1,727,707	1,859,124	1,989,457	2,226,028	2,534,793	2,864,640	2,927,108	2,957,476	2,981,188	3,009,240	3,019,670	
Males .....	914,020	930,842	921,253	894,080	915,100	931,956	996,113	1,109,075	1,259,638	1,288,669	1,301,864	1,313,286	1,320,947	1,318,415	
Females .....	580,605	665,232	811,761	833,627	944,024	1,057,501	1,229,915	1,425,718	1,605,002	1,638,439	1,655,612	1,667,902	1,688,293	1,701,255	
Part-time .....	526,496	602,377	680,679	735,293	811,945	864,433	824,547	876,377	957,159	986,582	981,723	985,685	1,006,642	1,007,570	
Males .....	325,693	329,662	327,986	336,168	352,106	351,874	332,814	339,572	366,735	377,521	378,324	379,513	385,942	384,369	
Females .....	200,803	272,715	352,693	399,125	459,839	512,559	491,733	536,805	590,424	609,061	603,399	609,172	620,700	623,201	
For-profit 4-year .....	7,659	18,147	28,303	43,438	59,243	100,817	257,885	750,645	1,589,934	1,470,346	1,346,397	1,270,433	1,124,322	981,633	
<b>2-year</b> .....	<b>2,319,385</b>	<b>3,970,119</b>	<b>4,526,287</b>	<b>4,531,077</b>	<b>5,240,083</b>	<b>5,492,529</b>	<b>5,948,431</b>	<b>6,488,055</b>	<b>7,683,597</b>	<b>7,167,840</b>	<b>6,970,644</b>	<b>6,714,678</b>	<b>6,499,461</b>	<b>6,090,245</b>	
Full-time .....	1,228,911	1,761,078	1,753,795	1,690,607	1,883,962	1,977,047	2,217,049	2,646,802	3,365,379	2,941,797	2,836,274	2,661,107	2,510,684	2,310,218	
Males .....	771,299	1,035,561	879,716	826,308	881,392	878,215	995,841	1,153,766	1,483,230	1,305,657	1,279,794	1,200,648	1,143,704	1,058,210	
Females .....	457,612	725,517	874,079	864,299	1,002,570	1,098,832	1,221,208	1,493,036	1,882,149	1,636,140	1,556,480	1,460,459	1,366,980	1,252,008	
Part-time .....	1,090,474	2,209,041	2,772,492	2,840,470	3,356,121	3,515,482	3,731,382	3,841,253	4,318,218	4,226,043	4,134,370	4,053,571	3,988,777	3,780,027	
Males .....	603,358	1,129,783	1,167,317	1,175,926	1,351,377	1,450,394	1,562,759	1,526,602	1,782,655	1,740,436	1,718,646	1,693,372	1,674,371	1,578,312	
Females .....	487,116	1,079,258	1,605,175	1,664,544	2,004,744	2,065,088	2,168,623	2,314,651	2,535,563	2,485,607	2,415,724	2,360,199	2,314,406	2,201,715	
Public 2-year .....	2,195,412	3,836,366	4,328,782	4,269,733	4,996,475	5,277,829	5,697,388	6,184,229	7,218,063	6,792,065	6,626,411	6,397,552	6,224,304	5,841,076	
Full-time .....	1,129,165	1,662,621	1,595,493	1,496,905	1,716,843	1,840,590	2,000,008	2,387,016	2,950,024	2,615,331	2,532,530	2,385,023	2,272,769	2,092,340	
Males .....	720,440	988,701	811,871	742,673	810,664	818,605	891,282	1,055,029	1,340,820	1,197,301	1,177,901	1,107,410	1,062,633	983,981	
Females .....	408,725	673,920	783,622	754,232	906,179	1,021,985	1,108,726	1,331,987	1,609,204	1,418,030	1,354,629	1,277,613	1,210,136	1,108,359	
Part-time .....	1,066,247	2,173,745	2,733,289	2,772,828	3,279,632	3,437,239	3,697,380	3,797,213	4,268,039	4,176,734	4,093,881	4,012,529	3,951,535	3,748,736	
Males .....	589,439	1,107,680	1,152,268	1,138,011	1,317,730	1,417,488	1,549,407	1,514,363	1,769,737	1,727,555	1,707,629	1,683,249	1,665,373	1,570,578	
Females .....	476,808	1,066,065	1,581,021	1,634,817	1,961,902	2,019,751	2,147,973	2,282,850	2,498,302	2,449,179	2,386,252	2,329,280	2,286,162	2,178,158	
Private 2-year .....	123,973	133,753	197,505	261,344	243,608	214,700	251,043	303,826	465,534	375,775	344,233	317,126	275,157	249,169	
Full-time .....	99,746	98,457	158,302	193,702	167,119	136,457	217,041	259,786	415,355	326,466	303,744	276,084	237,915	217,878	
Males .....	50,859	46,860	67,845	83,635	70,728	59,610	104,559	98,737	142,410	108,356	101,893	93,238	81,071	74,229	
Females .....															

**Table 303.30. Total fall enrollment in degree-granting postsecondary institutions, by level and control of institution, attendance status, and sex of student: Selected years, 1970 through 2027—Continued**

Level and control of institution, attendance status, and sex of student	Projected										
	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027
1	16	17	18	19	20	21	22	23	24	25	26
<b>Total .....</b>	<b>19,831,000</b>	<b>19,924,000</b>	<b>20,014,000</b>	<b>20,047,000</b>	<b>20,085,000</b>	<b>20,129,000</b>	<b>20,186,000</b>	<b>20,259,000</b>	<b>20,334,000</b>	<b>20,417,000</b>	<b>20,453,000</b>
Full-time .....	12,085,000	12,128,000	12,166,000	12,164,000	12,166,000	12,178,000	12,197,000	12,230,000	12,273,000	12,319,000	12,325,000
Males .....	5,464,000	5,482,000	5,499,000	5,496,000	5,495,000	5,499,000	5,507,000	5,523,000	5,542,000	5,562,000	5,565,000
Females .....	6,621,000	6,646,000	6,667,000	6,668,000	6,671,000	6,679,000	6,690,000	6,707,000	6,731,000	6,756,000	6,760,000
Part-time .....	7,746,000	7,796,000	7,847,000	7,883,000	7,919,000	7,952,000	7,989,000	8,029,000	8,061,000	8,099,000	8,129,000
Males .....	3,173,000	3,193,000	3,214,000	3,230,000	3,244,000	3,257,000	3,272,000	3,287,000	3,300,000	3,318,000	3,332,000
Females .....	4,572,000	4,603,000	4,633,000	4,654,000	4,675,000	4,695,000	4,717,000	4,743,000	4,761,000	4,781,000	4,797,000
<b>4-year .....</b>	<b>13,203,000</b>	<b>13,260,000</b>	<b>13,316,000</b>	<b>13,341,000</b>	<b>13,369,000</b>	<b>13,397,000</b>	<b>13,432,000</b>	<b>13,477,000</b>	<b>13,524,000</b>	<b>13,579,000</b>	<b>13,605,000</b>
Full-time .....	9,484,000	9,513,000	9,542,000	9,544,000	9,548,000	9,554,000	9,567,000	9,591,000	9,623,000	9,658,000	9,667,000
Males .....	4,277,000	4,288,000	4,301,000	4,301,000	4,302,000	4,304,000	4,309,000	4,320,000	4,334,000	4,349,000	4,353,000
Females .....	5,207,000	5,225,000	5,241,000	5,243,000	5,246,000	5,251,000	5,258,000	5,271,000	5,289,000	5,309,000	5,314,000
Part-time .....	3,719,000	3,747,000	3,775,000	3,797,000	3,821,000	3,843,000	3,865,000	3,885,000	3,901,000	3,921,000	3,938,000
Males .....	1,501,000	1,513,000	1,524,000	1,534,000	1,544,000	1,553,000	1,562,000	1,570,000	1,577,000	1,586,000	1,593,000
Females .....	2,218,000	2,234,000	2,250,000	2,263,000	2,277,000	2,289,000	2,302,000	2,315,000	2,324,000	2,335,000	2,345,000
Public 4-year .....	8,381,000	8,416,000	8,451,000	8,466,000	8,481,000	8,497,000	8,519,000	8,548,000	8,578,000	8,613,000	8,629,000
Full-time .....	6,024,000	6,042,000	6,060,000	6,061,000	6,062,000	6,065,000	6,073,000	6,089,000	6,110,000	6,132,000	6,137,000
Males .....	2,799,000	2,806,000	2,814,000	2,814,000	2,814,000	2,814,000	2,818,000	2,825,000	2,834,000	2,844,000	2,847,000
Females .....	3,225,000	3,236,000	3,246,000	3,247,000	3,248,000	3,251,000	3,255,000	3,264,000	3,275,000	3,288,000	3,290,000
Part-time .....	2,357,000	2,374,000	2,391,000	2,405,000	2,419,000	2,433,000	2,446,000	2,459,000	2,469,000	2,481,000	2,491,000
Males .....	1,002,000	1,009,000	1,017,000	1,023,000	1,029,000	1,035,000	1,041,000	1,046,000	1,050,000	1,056,000	1,061,000
Females .....	1,355,000	1,365,000	1,374,000	1,382,000	1,390,000	1,397,000	1,405,000	1,413,000	1,419,000	1,425,000	1,431,000
Private 4-year .....	4,822,000	4,844,000	4,865,000	4,876,000	4,887,000	4,899,000	4,913,000	4,929,000	4,946,000	4,966,000	4,977,000
Full-time .....	3,460,000	3,471,000	3,482,000	3,483,000	3,486,000	3,489,000	3,494,000	3,503,000	3,513,000	3,526,000	3,530,000
Males .....	1,478,000	1,482,000	1,487,000	1,487,000	1,488,000	1,489,000	1,491,000	1,495,000	1,499,000	1,505,000	1,506,000
Females .....	1,982,000	1,989,000	1,995,000	1,996,000	1,998,000	2,000,000	2,003,000	2,008,000	2,014,000	2,021,000	2,024,000
Part-time .....	1,362,000	1,373,000	1,384,000	1,392,000	1,402,000	1,410,000	1,419,000	1,427,000	1,433,000	1,440,000	1,447,000
Males .....	499,000	503,000	507,000	511,000	515,000	518,000	522,000	524,000	527,000	530,000	533,000
Females .....	863,000	870,000	876,000	881,000	887,000	892,000	897,000	902,000	906,000	910,000	914,000
Nonprofit 4-year .....	—	—	—	—	—	—	—	—	—	—	—
Full-time .....	—	—	—	—	—	—	—	—	—	—	—
Males .....	—	—	—	—	—	—	—	—	—	—	—
Females .....	—	—	—	—	—	—	—	—	—	—	—
Part-time .....	—	—	—	—	—	—	—	—	—	—	—
Males .....	—	—	—	—	—	—	—	—	—	—	—
Females .....	—	—	—	—	—	—	—	—	—	—	—
For-profit 4-year .....	—	—	—	—	—	—	—	—	—	—	—
<b>2-year .....</b>	<b>6,628,000</b>	<b>6,664,000</b>	<b>6,697,000</b>	<b>6,706,000</b>	<b>6,716,000</b>	<b>6,733,000</b>	<b>6,755,000</b>	<b>6,782,000</b>	<b>6,810,000</b>	<b>6,839,000</b>	<b>6,848,000</b>
Full-time .....	2,602,000	2,614,000	2,625,000	2,620,000	2,618,000	2,624,000	2,630,000	2,638,000	2,650,000	2,661,000	2,658,000
Males .....	1,188,000	1,194,000	1,199,000	1,195,000	1,193,000	1,195,000	1,198,000	1,203,000	1,208,000	1,213,000	1,211,000
Females .....	1,414,000	1,421,000	1,426,000	1,425,000	1,425,000	1,428,000	1,432,000	1,436,000	1,442,000	1,447,000	1,446,000
Part-time .....	4,026,000	4,049,000	4,073,000	4,086,000	4,098,000	4,109,000	4,125,000	4,144,000	4,160,000	4,178,000	4,191,000
Males .....	1,672,000	1,680,000	1,689,000	1,695,000	1,700,000	1,704,000	1,710,000	1,717,000	1,723,000	1,732,000	1,738,000
Females .....	2,354,000	2,369,000	2,383,000	2,391,000	2,399,000	2,405,000	2,415,000	2,427,000	2,437,000	2,446,000	2,452,000
Public 2-year .....	6,347,000	6,381,000	6,413,000	6,423,000	6,433,000	6,448,000	6,470,000	6,496,000	6,523,000	6,550,000	6,560,000
Full-time .....	2,356,000	2,368,000	2,377,000	2,373,000	2,371,000	2,376,000	2,382,000	2,389,000	2,400,000	2,409,000	2,407,000
Males .....	1,104,000	1,110,000	1,114,000	1,111,000	1,110,000	1,111,000	1,114,000	1,118,000	1,123,000	1,128,000	1,126,000
Females .....	1,252,000	1,258,000	1,263,000	1,261,000	1,261,000	1,264,000	1,271,000	1,276,000	1,281,000	1,280,000	
Part-time .....	3,991,000	4,013,000	4,036,000	4,050,000	4,062,000	4,073,000	4,088,000	4,107,000	4,123,000	4,141,000	4,153,000
Males .....	1,664,000	1,671,000	1,681,000	1,687,000	1,691,000	1,695,000	1,701,000	1,708,000	1,714,000	1,723,000	1,729,000
Females .....	2,327,000	2,342,000	2,356,000	2,364,000	2,371,000	2,378,000	2,387,000	2,399,000	2,409,000	2,418,000	2,424,000
Private 2-year .....	281,000	283,000	284,000	284,000	283,000	284,000	285,000	286,000	287,000	288,000	288,000
Full-time .....	246,000	247,000	248,000	247,000	247,000	248,000	248,000	249,000	250,000	251,000	251,000
Males .....	83,000	84,000	84,000	84,000	84,000	84,000	84,000	84,000	85,000	85,000	85,000
Females .....	162,000	163,000	164,000	163,000	163,000	164,000	164,000	165,000	165,000	166,000	166,000
Part-time .....	36,000	36,000	36,000	36,000	36,000	36,000	37,000	37,000	37,000	37,000	37,000
Males .....	9,000	9,000	9,000	9,000	9,000	9,000	9,000	9,000	9,000	9,000	9,000
Females .....	27,000	27,000	27,000	27,000	28,000	28,000	28,000	28,000	28,000	28,000	28,000
Nonprofit 2-year .....	—	—	—	—	—	—	—	—	—	—	—
Full-time .....	—	—	—	—	—	—	—	—	—	—	—
Males .....	—	—	—	—	—	—	—	—	—	—	—
Females .....	—	—	—	—	—	—	—	—	—	—	—
Part-time .....	—	—	—	—	—	—	—	—	—	—	—
Males .....	—	—	—	—	—	—	—	—	—	—	—
Females .....	—	—	—	—	—	—	—	—	—	—	—
For-profit 2-year .....	—	—	—	—	—	—	—	—	—	—	—

—Not available.

\*Large increase in private 2-year institutions in 1980 is due to the addition of schools accredited by the Accrediting Commission of Career Schools and Colleges of Technology.

NOTE: Data through 1995 are for institutions of higher education, while later data are for degree-granting institutions. Degree-granting institutions grant associate's or higher degrees and participate in Title IV federal financial aid programs. The degree-granting classification is very similar to the earlier higher education classification, but it includes more 2-year colleges

and excludes a few higher education institutions that did not grant degrees. Some data have been revised from previously published figures.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Higher Education General Information Survey (HEGIS), "Fall Enrollment in Colleges and Universities" surveys, 1970 through 1985; Integrated Postsecondary Education Data System (IPEDS), "Fall Enrollment Survey" (IPEDS-EF:90-99); IPEDS Spring 2001 through Spring 2017, Fall Enrollment component; and Enrollment in Degree-Granting Institutions Projection Model, 2000 through 2027. (This table was prepared April 2018.)

**Table 303.40. Total fall enrollment in degree-granting postsecondary institutions, by attendance status, sex, and age: Selected years, 1970 through 2027**

[In thousands]

Attendance status, sex, and age	1970	1980	1990	2000	2005	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	Projected				
	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	2017	2018	2020	2027	
<b>All students</b>	<b>8,581</b>	<b>12,097</b>	<b>13,819</b>	<b>15,312</b>	<b>17,487</b>	<b>18,248</b>	<b>19,103</b>	<b>20,314</b>	<b>21,019</b>	<b>21,011</b>	<b>20,644</b>	<b>20,377</b>	<b>20,209</b>	<b>19,988</b>	<b>19,841</b>	<b>19,831</b>	<b>19,924</b>	<b>20,047</b>	<b>20,453</b>	
14 to 17 years old	263	257	153	131	187	200	195	215	202	221	242	256	239	214	207	212	209	208	208	
18 and 19 years old	2,579	2,852	2,777	3,258	3,444	3,690	3,813	4,009	4,057	3,956	3,782	3,720	3,720	3,732	3,730	4,008	4,050	4,014	4,052	
20 and 21 years old	1,885	2,395	2,593	3,005	3,563	3,570	3,649	3,916	4,103	4,269	4,235	4,183	4,163	4,148	4,197	4,356	4,359	4,425	4,461	
22 to 24 years old	1,469	1,947	2,202	2,600	3,114	3,280	3,443	3,571	3,759	3,793	3,951	3,964	3,910	3,785	3,689	3,708	3,668	3,629	3,666	
25 to 29 years old	1,091	1,843	2,083	2,044	2,469	2,651	2,840	3,082	3,254	3,272	3,155	3,050	3,084	3,165	3,213	3,178	3,216	3,210	3,136	
30 to 34 years old	527	1,227	1,384	1,333	1,438	1,519	1,609	1,735	1,805	1,788	1,684	1,606	1,586	1,600	1,627	1,508	1,524	1,585	1,640	
35 years old and over	767	1,577	2,627	2,942	3,272	3,339	3,554	3,785	3,840	3,712	3,597	3,597	3,507	3,344	3,179	2,860	2,897	2,976	3,290	
<b>Males</b>	<b>5,044</b>	<b>5,874</b>	<b>6,284</b>	<b>6,722</b>	<b>7,456</b>	<b>7,816</b>	<b>8,189</b>	<b>8,733</b>	<b>9,046</b>	<b>9,034</b>	<b>8,919</b>	<b>8,861</b>	<b>8,798</b>	<b>8,724</b>	<b>8,636</b>	<b>8,637</b>	<b>8,675</b>	<b>8,726</b>	<b>8,896</b>	
14 to 17 years old	125	106	66	58	68	88	93	103	94	104	119	125	117	94	83	78	77	77	77	
18 and 19 years old	1,355	1,368	1,298	1,464	1,523	1,669	1,704	1,795	1,820	1,782	1,707	1,661	1,673	1,684	1,708	1,805	1,823	1,805	1,821	
20 and 21 years old	1,064	1,219	1,259	1,411	1,658	1,634	1,695	1,866	1,948	1,985	1,960	1,955	1,960	1,954	1,948	2,023	2,022	2,053	2,068	
22 to 24 years old	1,004	1,075	1,129	1,222	1,410	1,480	1,555	1,599	1,723	1,769	1,864	1,846	1,789	1,746	1,726	1,742	1,721	1,699	1,714	
25 to 29 years old	796	983	1,024	908	1,057	1,148	1,222	1,378	1,410	1,404	1,353	1,356	1,379	1,382	1,364	1,328	1,346	1,347	1,312	
30 to 34 years old	333	564	605	581	591	638	691	707	731	700	661	634	643	655	669	613	621	649	676	
35 years old and over	366	559	902	1,077	1,149	1,159	1,228	1,285	1,320	1,290	1,255	1,283	1,237	1,208	1,137	1,048	1,063	1,096	1,228	
<b>Females</b>	<b>3,537</b>	<b>6,223</b>	<b>7,535</b>	<b>8,591</b>	<b>10,032</b>	<b>10,432</b>	<b>10,914</b>	<b>11,581</b>	<b>11,974</b>	<b>11,976</b>	<b>11,725</b>	<b>11,515</b>	<b>11,412</b>	<b>11,264</b>	<b>11,205</b>	<b>11,193</b>	<b>11,249</b>	<b>11,322</b>	<b>11,557</b>	
14 to 17 years old	137	151	87	73	119	112	102	113	108	116	123	131	121	120	123	133	132	131	131	
18 and 19 years old	1,224	1,484	1,479	1,794	1,920	2,021	2,109	2,214	2,237	2,173	2,074	2,059	2,047	2,049	2,021	2,203	2,227	2,209	2,231	
20 and 21 years old	821	1,177	1,334	1,593	1,905	1,936	1,954	2,050	2,155	2,284	2,276	2,228	2,203	2,194	2,249	2,334	2,337	2,372	2,393	
22 to 24 years old	464	871	1,073	1,378	1,704	1,800	1,888	1,972	2,036	2,024	2,087	2,118	2,122	2,038	1,962	1,966	1,947	1,930	1,952	
25 to 29 years old	296	859	1,059	1,136	1,413	1,502	1,618	1,704	1,844	1,868	1,802	1,694	1,706	1,783	1,849	1,851	1,870	1,862	1,824	
30 to 34 years old	194	663	779	752	847	881	918	1,028	1,074	1,088	1,022	972	943	945	958	895	903	937	964	
35 years old and over	401	1,018	1,725	1,865	2,123	2,180	2,326	2,500	2,520	2,422	2,341	2,314	2,270	2,136	2,042	1,812	1,834	1,880	2,062	
<b>Full-time</b>	<b>5,816</b>	<b>7,098</b>	<b>7,821</b>	<b>9,010</b>	<b>10,797</b>	<b>11,270</b>	<b>11,748</b>	<b>12,605</b>	<b>13,087</b>	<b>13,003</b>	<b>12,734</b>	<b>12,597</b>	<b>12,454</b>	<b>12,288</b>	<b>12,126</b>	<b>12,085</b>	<b>12,128</b>	<b>12,164</b>	<b>12,325</b>	
14 to 17 years old	246	231	134	121	152	169	168	179	170	185	207	210	200	182	185	169	167	166	166	
18 and 19 years old	2,374	2,544	2,471	2,823	3,026	3,244	3,359	3,481	3,496	3,351	3,226	3,199	3,174	3,188	3,133	3,292	3,327	3,295	3,327	
20 and 21 years old	1,649	2,007	2,137	2,452	2,976	2,985	3,043	3,241	3,364	3,427	3,386	3,327	3,326	3,290	3,302	3,283	3,285	3,334	3,361	
22 to 24 years old	904	1,181	1,405	1,714	2,122	2,205	2,347	2,511	2,585	2,580	2,603	2,650	2,597	2,568	2,506	2,475	2,447	2,423	2,448	
25 to 29 years old	426	641	791	886	1,174	1,299	1,369	1,506	1,605	1,600	1,555	1,528	1,525	1,519	1,500	1,484	1,502	1,499	1,465	
30 to 34 years old	113	272	383	418	547	556	571	657	745	763	711	664	626	601	605	556	562	584	605	
35 years old and over	104	221	500	596	800	812	890	1,030	1,122	1,096	1,047	1,018	1,005	941	896	828	839	862	953	
<b>Males</b>	<b>3,504</b>	<b>3,689</b>	<b>3,808</b>	<b>4,111</b>	<b>4,803</b>	<b>5,029</b>	<b>5,234</b>	<b>5,632</b>	<b>5,838</b>	<b>5,793</b>	<b>5,708</b>	<b>5,682</b>	<b>5,620</b>	<b>5,558</b>	<b>5,473</b>	<b>5,464</b>	<b>5,482</b>	<b>5,496</b>	<b>5,565</b>	
14 to 17 years old	121	95	55	51	53	74	73	77	71	85	102	106	100	81	73	65	64	64	64	
18 and 19 years old	1,261	1,219	1,171	1,252	1,339	1,465	1,516	1,570	1,574	1,510	1,461	1,423	1,402	1,414	1,414	1,492	1,508	1,492	1,505	
20 and 21 years old	955	1,046	1,035	1,156	1,398	1,366	1,407	1,536	1,586	1,586	1,537	1,542	1,549	1,546	1,520	1,505	1,505	1,528	1,539	
22 to 24 years old	686	717	768	834	982	1,043	1,105	1,169	1,215	1,217	1,254	1,270	1,236	1,208	1,170	1,146	1,132	1,117	1,127	
25 to 29 years old	346	391	433	410	506	578	597	661	715	727	728	734	732	709	692	674	684	684	666	
30 to 34 years old	77	142	171	186	225	231	249	279	301	299	278	257	242	251	264	263	274	286	286	
35 years old and over	58	80	174	222	300	273	287	341	376	369	349	351	360	349	340	322	327	337	378	
<b>Females</b>	<b>2,312</b>	<b>3,409</b>	<b>4,013</b>	<b>4,899</b>	<b>5,994</b>	<b>6,240</b>	<b>6,513</b>	<b>6,973</b>	<b>7,249</b>	<b>7,210</b>	<b>7,026</b>	<b>6,914</b>	<b>6,835</b>	<b>6,729</b>	<b>6,653</b>	<b>6,621</b>	<b>6,646</b>	<b>6,668</b>	<b>6,760</b>	
14 to 17 years old	125	136	78	70	98	95	95	102	99	100	105	104	101	101	112	104	103	102	102	
18 and 19 years old	1,113	1,325	1,300	1,571	1,687	1,779	1,843	1,911	1,922	1,842	1,765	1,776	1,773	1,774	1,718	1,799	1,819	1,804	1,822	
20 and 21 years old	693	961	1,101	1,296	1,578	1,619	1,636	1,705	1,778	1,840	1,849	1,785	1,777	1,744	1,782	1,778	1,780	1,806	1,822	
22 to 24 years old	218	464	638	880	1,140	1,163	1,242	1,343	1,370	1,364	1,349	1,380	1,362	1,359	1,336	1,329	1,315	1,306	1,321	
25 to 29 years old	80	250	358	476	668	721	772	845	891	873	827	794	793	810	808	810	818	815	798	
30 to 34 years old	37	130	212	232	322	324	322	378	444	464	433	408	384	350	341	296	299	310	319	
35 years old and over	46	141	326	374	500	539	603	690	746	727	698	667	645	592	556	506	512	525	576	
<b>Part-time</b>	<b>2,765</b>	<b>4,999</b>	<b>5,998</b>	<b>6,303</b>	<b>6,690</b>	<b>6,978</b>	<b>7,355</b>	<b>7,708</b>	<b>7,932</b>	<b>8,008</b>	<b>7,910</b>	<b>7,780</b>	<b>7,755</b>	<b>7,701</b>	<b>7,715</b>	<b>7,746</b>	<b>7,796</b>	<b>7,883</b>	<b>8,129</b>	
14 to 17 years old	16	26	19	10	36	31	27	36	32	36	35	47	38	32	22	43	43	42	42	
18 and 19 years old	205	308	306	435	417	446	453	528	561	604	556	521	546	545	597	717	724	719	726	
20 and 21 years old	236	388	456	553	586	585	606	675	738	842	850	855	836	858	895	1,073	1,074	1,091	1,100	
22 to 24 years old	564	765	796	886	992	1,074	1,096	1,059	1,174	1,212	1,348									

**Table 303.45. Total fall enrollment in degree-granting postsecondary institutions, by level of enrollment, sex, attendance status, and age of student: 2011, 2013, and 2015**

Attendance status and age of student	Fall 2011	Fall 2013			Fall 2015								
	All levels	All levels			All levels			Undergraduate			Postbaccalaureate		
	Total	Total	Males	Females	Total	Males	Females	Total	Males	Females	Total	Males	Females
1	2	3	4	5	6	7	8	9	10	11	12	13	14
<b>All students</b> .....	<b>21,010,590</b>	<b>20,376,677</b>	<b>8,861,197</b>	<b>11,515,480</b>	<b>19,988,204</b>	<b>8,723,819</b>	<b>11,264,385</b>	<b>17,046,673</b>	<b>7,502,254</b>	<b>9,544,419</b>	<b>2,941,531</b>	<b>1,221,565</b>	<b>1,719,966</b>
Under 18.....	796,322	878,766	363,347	515,419	1,053,854	435,452	618,402	1,053,599	435,316	618,283	255	136	119
18 and 19.....	4,291,189	4,265,916	1,920,934	2,344,982	4,341,382	1,954,795	2,386,587	4,340,407	1,954,430	2,385,977	975	365	610
20 and 21.....	4,161,496	4,086,686	1,852,313	2,234,373	4,078,990	1,849,082	2,229,908	4,042,453	1,835,008	2,207,445	36,537	14,074	22,463
22 to 24.....	3,434,603	3,431,880	1,580,749	1,851,131	3,324,891	1,540,990	1,783,901	2,683,944	1,277,812	1,406,132	640,947	263,178	377,769
25 to 29.....	3,045,652	2,856,287	1,259,015	1,597,272	2,778,912	1,227,002	1,551,910	1,845,935	816,304	1,029,631	932,977	410,698	522,279
30 to 34.....	1,759,975	1,641,631	695,386	946,245	1,511,847	644,424	867,423	1,040,212	434,635	605,577	471,635	209,789	261,846
35 to 39.....	1,125,125	1,033,809	403,658	630,151	973,402	384,395	589,007	687,603	266,227	421,376	285,799	118,168	167,631
40 to 49.....	1,503,908	1,346,668	483,500	863,168	1,190,153	428,681	761,472	834,465	298,849	535,616	355,688	129,832	225,856
50 to 64.....	760,089	717,355	252,533	464,822	627,528	214,632	412,896	435,443	149,506	285,937	192,085	65,126	126,959
65 and over.....	65,122	66,202	28,088	38,114	66,683	28,234	38,449	54,499	22,838	31,661	12,184	5,396	6,788
Age unknown.....	67,109	51,477	21,674	29,803	40,562	16,132	24,430	28,113	11,329	16,784	12,449	4,803	7,646
<b>Full-time</b> .....	<b>13,002,531</b>	<b>12,596,610</b>	<b>5,682,322</b>	<b>6,914,288</b>	<b>12,287,512</b>	<b>5,558,447</b>	<b>6,729,065</b>	<b>10,603,030</b>	<b>4,809,098</b>	<b>5,793,932</b>	<b>1,684,482</b>	<b>749,349</b>	<b>935,133</b>
Under 18.....	181,159	185,285	74,291	110,994	206,770	83,135	123,635	206,660	83,071	123,589	110	64	46
18 and 19.....	3,571,443	3,549,171	1,585,689	1,963,482	3,612,294	1,612,557	1,999,737	3,611,507	1,612,282	1,999,225	787	275	512
20 and 21.....	3,311,201	3,245,703	1,472,870	1,772,833	3,241,515	1,470,848	1,770,667	3,208,500	1,458,019	1,750,481	33,015	12,829	20,186
22 to 24.....	2,257,755	2,240,365	1,067,672	1,172,693	2,156,073	1,033,642	1,122,431	1,640,583	816,770	823,813	515,490	216,872	298,618
25 to 29.....	1,607,135	1,497,997	705,214	792,783	1,442,151	681,881	760,270	845,789	399,309	446,480	596,362	282,572	313,790
30 to 34.....	793,229	724,235	324,784	399,451	649,695	296,410	353,285	419,459	184,887	234,572	230,236	111,523	118,713
35 to 39.....	459,050	408,932	164,504	244,428	368,319	151,776	216,543	253,295	100,658	152,637	115,024	51,118	63,906
40 to 49.....	550,606	483,716	182,377	301,339	403,959	151,610	252,349	280,459	103,754	176,705	123,500	47,856	75,644
50 to 64.....	232,693	226,402	89,706	136,696	177,157	64,530	112,627	117,101	42,624	74,477	60,056	21,906	38,150
65 and over.....	8,387	9,105	4,087	5,018	10,556	4,747	5,809	7,162	3,257	3,905	3,394	1,490	1,904
Age unknown.....	29,873	25,699	11,128	14,571	19,023	7,311	11,712	12,515	4,467	8,048	6,508	2,844	3,664
<b>Part-time</b> .....	<b>8,008,059</b>	<b>7,780,067</b>	<b>3,178,875</b>	<b>4,601,192</b>	<b>7,700,692</b>	<b>3,165,372</b>	<b>4,535,320</b>	<b>6,443,643</b>	<b>2,693,156</b>	<b>3,750,487</b>	<b>1,257,049</b>	<b>472,216</b>	<b>784,833</b>
Under 18.....	615,163	693,481	289,056	404,425	847,084	352,317	494,767	846,939	352,245	494,694	145	72	73
18 and 19.....	719,746	716,745	335,245	381,500	729,088	342,238	386,850	728,900	342,148	386,752	188	90	98
20 and 21.....	850,295	840,983	379,443	461,540	837,475	378,234	459,241	833,953	376,989	456,964	3,522	1,245	2,277
22 to 24.....	1,176,848	1,191,515	513,077	678,438	1,168,818	507,348	661,470	1,043,361	461,042	582,319	125,457	46,306	79,151
25 to 29.....	1,438,517	1,358,290	553,801	804,489	1,336,761	545,121	791,640	1,000,146	416,995	583,151	336,615	128,126	208,489
30 to 34.....	966,746	917,396	370,602	546,794	862,152	348,014	514,138	620,753	249,748	371,005	241,399	98,266	143,133
35 to 39.....	666,075	624,877	239,154	385,723	605,083	232,619	372,464	434,308	165,569	268,739	170,775	67,050	103,725
40 to 49.....	953,302	862,952	301,123	561,829	786,194	277,071	509,123	554,006	195,095	358,911	232,188	81,976	150,212
50 to 64.....	527,396	490,953	162,827	328,126	450,371	150,102	300,269	318,342	106,882	211,460	132,029	43,220	88,809
65 and over.....	56,735	57,097	24,001	33,096	56,127	23,487	32,640	47,337	19,581	27,756	8,790	3,906	4,884
Age unknown.....	37,236	25,778	10,546	15,232	21,539	8,821	12,718	15,598	6,862	8,736	5,941	1,959	3,982
Percentage distribution													
<b>All students</b> .....	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>
Under 18.....	3.8	4.3	4.1	4.5	5.3	5.0	5.5	6.2	5.8	6.5	#	#	#
18 and 19.....	20.4	20.9	21.7	20.4	21.7	22.4	21.2	25.5	21.2	25.0	#	#	#
20 and 21.....	19.8	20.1	20.9	19.4	20.4	21.2	19.8	23.7	24.5	23.1	1.2	1.2	1.3
22 to 24.....	16.3	16.8	17.8	16.1	16.6	17.7	15.8	15.7	17.0	14.7	21.8	21.5	22.0
25 to 29.....	14.5	14.0	14.2	13.9	13.9	14.1	13.8	10.8	10.9	10.8	31.7	33.6	30.4
30 to 34.....	8.4	8.1	7.8	8.2	7.6	7.4	7.7	6.1	5.8	6.3	16.0	17.2	15.2
35 to 39.....	5.4	5.1	4.6	5.5	4.9	4.4	5.2	4.0	3.5	4.4	9.7	9.7	9.7
40 to 49.....	7.2	6.6	5.5	7.5	6.0	4.9	6.8	4.9	4.0	5.6	12.1	10.6	13.1
50 to 64.....	3.6	3.5	2.8	4.0	3.1	2.5	3.7	2.6	2.0	3.0	6.5	5.3	7.4
65 and over.....	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.4	0.4	0.4
Age unknown.....	0.3	0.3	0.2	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.4	0.4	0.4
<b>Full-time</b> .....	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>
Under 18.....	1.4	1.5	1.3	1.6	1.7	1.5	1.8	1.9	1.7	2.1	#	#	#
18 and 19.....	27.5	28.2	27.9	28.4	29.4	29.0	29.7	34.1	33.5	34.5	#	#	0.1
20 and 21.....	25.5	25.8	25.9	25.6	26.4	26.5	26.3	30.3	30.3	30.2	2.0	1.7	2.2
22 to 24.....	17.4	17.8	18.8	17.0	17.5	18.6	16.7	15.5	17.0	14.2	30.6	28.9	31.9
25 to 29.....	12.4	11.9	12.4	11.5	11.7	12.3	11.3	8.0	8.3	7.7	35.4	37.7	33.6
30 to 34.....	6.1	5.7	5.7	5.8	5.3	5.3	5.3	4.0	3.8	4.0	13.7	14.9	12.7
35 to 39.....	3.5	3.2	2.9	3.5	3.0	2.7	3.2	2.4	2.1	2.6	6.8	6.8	6.8
40 to 49.....	4.2	3.8	3.2	4.4	3.3	2.7	3.8	2.6	2.2	3.0	7.3	6.4	8.1
50 to 64.....	1.8	1.8	1.6	2.0	1.4	1.2	1.7	1.1	0.9	1.3	3.6	2.9	4.1
65 and over.....	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.2
Age unknown.....	0.2	0.2	0.2	0.2	0.2	0.1	0.2	0.1	0.1	0.1	0.4	0.4	0.4
<b>Part-time</b> .....	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>
Under 18.....	7.7	8.9	9.1	8.8	11.0	10.9	11.9	13.1	13.1	13.2	#	#	#
18 and 19.....	9.0	9.2	10.5	8.3	9.5	10.8	8.5	11.3	12.7	10.3	#	#	#
20 and 21.....	10.6	10.8	11.9	10.0	10.9	11.9	10.1	12.9	14.0	12.2	0.3	0.3	0.3
22 to 24.....	14.7	15.3	16.1	14.7	15.2	16.0	14.6	16.2	17.1	15.5	10.0	9.8	10.1
25 to 29.....	18.0	17.5	17.4	17.5	17.4	17.2	17.5	15.5	15.5	15.5	26.8	27.1	26.6
30 to 34.....	12.1	11.8	11.7	11.9	11.2	11.0	11.3	9.6	9.3	9.9	19.2	20.8	18.2
35 to 39.....	8.3	8.0	7.5	8.4	7.9	7.3	8.2	6.7	6.1	7.2	13.6	14.2	13.2
40 to 49.....	11.9	11.1	9.5	12.2	10.2	8.8	8.2	8.6	7.2	9.6	18.5	17.4	19.1
50 to 64													

**Table 303.50. Total fall enrollment in degree-granting postsecondary institutions, by level of enrollment, control and level of institution, attendance status, and age of student: 2015**

Attendance status and age of student	Undergraduate										Postbaccalaureate			
	Total	Public			Private nonprofit			Private for-profit			Total	Public	Private nonprofit	Private for-profit
		Total	4-year	2-year	Total	4-year	2-year	Total	4-year	2-year				
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
<b>All students</b> .....	<b>17,046,673</b>	<b>13,150,823</b>	<b>6,926,519</b>	<b>6,224,304</b>	<b>2,822,122</b>	<b>2,772,113</b>	<b>50,009</b>	<b>1,073,728</b>	<b>848,580</b>	<b>225,148</b>	<b>2,941,531</b>	<b>1,422,020</b>	<b>1,243,769</b>	<b>275,742</b>
Under 18.....	1,053,599	949,848	309,978	639,870	98,545	97,281	1,264	5,206	4,000	1,206	255	104	136	15
18 and 19.....	4,340,407	3,430,756	2,000,893	1,429,863	837,710	830,297	7,413	71,941	46,051	25,890	975	541	417	17
20 and 21.....	4,042,453	3,098,640	2,023,843	1,074,797	842,145	834,844	7,301	101,668	68,124	33,544	36,537	18,975	17,076	486
22 to 24.....	2,683,944	2,162,414	1,276,247	886,167	369,721	361,583	8,138	151,809	110,704	41,105	640,947	352,611	274,938	13,398
25 to 29.....	1,845,935	1,400,418	601,167	799,251	211,400	202,670	8,730	234,117	186,587	47,530	932,977	481,508	402,375	49,094
30 to 34.....	1,040,212	727,947	272,281	455,666	138,003	132,781	5,222	174,262	146,470	27,792	471,635	229,653	191,889	50,093
35 to 39.....	687,603	461,821	161,624	300,197	103,311	99,651	3,660	122,471	104,361	18,110	285,799	126,711	114,509	44,579
40 to 49.....	834,465	551,416	181,815	369,601	138,916	134,426	4,490	144,133	124,128	20,005	355,688	139,701	145,067	70,920
50 to 64.....	435,443	305,231	85,908	219,323	68,556	66,017	2,539	61,656	53,102	8,554	192,085	66,635	81,491	43,959
65 and over.....	54,499	46,733	9,746	36,987	4,667	3,895	172	3,699	3,319	380	12,184	4,544	4,952	2,688
Age unknown.....	28,113	15,599	3,017	12,582	9,078	8,668	1,080	2,766	1,734	1,032	12,449	1,537	10,919	493
<b>Full-time</b> .....	<b>10,603,030</b>	<b>7,553,748</b>	<b>5,280,979</b>	<b>2,272,769</b>	<b>2,298,326</b>	<b>2,262,299</b>	<b>36,027</b>	<b>750,956</b>	<b>549,068</b>	<b>201,888</b>	<b>1,684,482</b>	<b>800,198</b>	<b>746,941</b>	<b>137,343</b>
Under 18.....	206,660	165,085	89,351	75,734	39,187	38,900	287	2,388	1,240	1,148	110	69	36	5
18 and 19.....	3,611,507	2,736,117	1,856,607	879,510	810,893	804,306	6,587	64,497	39,499	24,998	787	494	281	12
20 and 21.....	3,208,500	2,314,546	1,820,086	494,460	809,864	803,792	6,072	84,090	52,845	31,245	33,015	17,236	15,385	394
22 to 24.....	1,640,583	1,226,459	943,029	283,430	301,110	295,049	6,061	113,014	76,026	36,988	515,490	283,110	223,418	8,962
25 to 29.....	845,789	555,367	323,647	231,720	126,003	119,900	6,103	164,419	122,424	41,995	596,362	299,111	270,652	26,599
30 to 34.....	419,459	232,798	114,626	118,172	70,528	67,004	3,524	116,133	91,769	24,364	230,236	105,838	99,819	24,579
35 to 39.....	253,295	127,094	57,070	70,024	48,306	45,928	2,378	77,895	62,199	15,696	115,024	44,185	49,256	21,583
40 to 49.....	280,459	130,736	54,520	76,216	60,881	58,125	2,756	88,842	71,663	17,179	123,500	36,042	53,692	33,766
50 to 64.....	117,101	56,037	20,074	35,963	25,880	24,375	1,505	35,184	28,140	7,044	60,056	13,316	26,803	19,937
65 and over.....	7,162	3,492	1,102	2,390	1,037	923	114	2,633	2,332	301	3,394	635	1,575	1,184
Age unknown.....	12,515	6,017	867	5,150	4,637	3,997	640	1,861	931	930	6,508	162	6,024	322
<b>Part-time</b> .....	<b>6,443,643</b>	<b>5,597,075</b>	<b>1,645,540</b>	<b>3,951,535</b>	<b>523,796</b>	<b>509,814</b>	<b>13,982</b>	<b>322,772</b>	<b>299,512</b>	<b>23,260</b>	<b>1,257,049</b>	<b>621,822</b>	<b>496,828</b>	<b>138,399</b>
Under 18.....	846,939	784,763	220,627	564,136	59,358	58,381	977	2,818	2,760	58	145	35	100	10
18 and 19.....	728,900	694,639	144,286	550,353	26,817	25,991	826	7,444	6,552	892	188	47	136	5
20 and 21.....	833,953	784,094	203,757	580,337	32,281	31,052	1,229	17,578	15,279	2,299	3,522	1,739	1,691	92
22 to 24.....	1,043,361	935,955	333,218	602,737	68,611	66,534	2,077	38,795	34,678	4,117	125,457	69,501	51,520	4,436
25 to 29.....	1,000,146	845,051	277,520	567,531	85,397	82,770	2,627	69,698	64,163	5,535	336,615	182,397	131,723	22,495
30 to 34.....	620,753	495,149	157,655	337,494	67,475	65,777	1,698	58,129	54,701	3,428	241,399	123,819	92,070	25,514
35 to 39.....	434,308	334,727	104,554	230,173	55,005	53,723	1,282	44,576	42,162	2,414	170,775	82,526	65,253	22,996
40 to 49.....	554,006	420,680	127,295	293,385	78,035	76,301	1,734	55,291	52,465	2,826	232,188	103,659	91,375	37,154
50 to 64.....	318,342	249,194	65,834	183,360	42,676	41,642	1,034	26,472	24,962	1,510	132,029	53,319	54,688	24,022
65 and over.....	47,337	43,241	8,644	34,597	3,030	2,972	58	1,066	987	79	8,790	3,909	3,377	1,504
Age unknown.....	15,598	9,582	2,150	7,432	5,111	4,671	440	905	803	102	5,941	875	4,895	171
Percentage distribution														
<b>All students</b> .....	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>
Under 18.....	6.2	7.2	4.5	10.3	3.5	3.5	2.5	0.5	0.5	0.5	#	#	#	#
18 and 19.....	25.5	26.1	28.9	23.0	29.7	30.0	14.8	6.7	5.4	11.5	#	#	#	#
20 and 21.....	23.7	23.6	29.2	17.3	29.8	30.1	14.6	9.5	8.0	14.9	1.2	1.3	1.4	0.2
22 to 24.....	15.7	16.4	18.4	14.2	13.1	13.0	16.3	14.1	13.0	18.3	21.8	24.8	22.1	4.9
25 to 29.....	10.8	10.6	8.7	12.8	7.5	7.3	17.5	21.8	22.0	21.1	31.7	33.9	32.4	17.8
30 to 34.....	6.1	5.5	3.9	7.3	4.9	4.8	10.4	16.2	17.3	12.3	16.0	16.1	15.4	18.2
35 to 39.....	4.0	3.5	2.3	4.8	3.7	3.6	7.3	11.4	12.3	8.0	9.7	8.9	9.2	16.2
40 to 49.....	4.9	4.2	2.6	5.9	4.9	4.8	9.0	13.4	14.6	8.9	12.1	9.8	11.7	25.7
50 to 64.....	2.6	2.3	1.2	3.5	2.4	2.4	5.1	5.7	6.3	3.8	6.5	4.7	6.6	15.9
65 and over.....	0.3	0.4	0.1	0.6	0.1	0.1	0.3	0.3	0.4	0.2	0.4	0.3	0.4	1.0
Age unknown.....	0.2	0.1	#	0.2	0.3	0.3	2.2	0.3	0.2	0.5	0.4	0.1	0.9	0.2
<b>Full-time</b> .....	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>
Under 18.....	1.9	2.2	1.7	3.3	1.7	1.7	0.8	0.3	0.2	0.6	#	#	#	#
18 and 19.....	34.1	36.2	35.2	38.7	35.3	35.6	18.3	8.6	7.2	12.4	#	0.1	#	#
20 and 21.....	30.3	30.6	34.5	21.8	35.2	35.5	16.9	11.2	9.6	15.5	2.0	2.2	2.1	0.3
22 to 24.....	15.5	16.2	17.9	12.5	13.1	13.0	16.8	15.0	13.8	18.3	30.6	35.4	29.9	6.5
25 to 29.....	8.0	7.4	6.1	10.2	5.5	5.3	16.9	21.9	22.3	20.8	35.4	37.4	36.2	19.4
30 to 34.....	4.0	3.1	2.2	5.2	3.1	3.0	9.8	15.5	16.7	12.1	13.7	13.2	13.4	17.9
35 to 39.....	2.4	1.7	1.1	3.1	2.1	2.0	6.6	10.4	11.3	7.8	6.8	5.5	6.6	15.7
40 to 49.....	2.6	1.7	1.0	3.4	2.6	2.6	7.6	11.8	13.1	8.5	7.3	4.5	7.2	24.6
50 to 64.....	1.1	0.7	0.4	1.6	1.1	1.1	4.2	4.7	5.1	3.5	3.6	1.7	3.6	14.5
65 and over.....	0.1	#	#	0.1	#	#	0.3	0.4	0.4	0.1	0.2	0.1	0.2	0.9
Age unknown.....	0.1	0.1	#	0.2	0.2	0.2	1.8	0.2	0.2	0.5	0.4	#	0.8	0.2
<b>Part-time</b> .....	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>
Under 18.....	13.1	14.0	13.4	14.3	11.3	11.5	7.0	0.9	0.9	0.2	#	#	#	#
18 and 19.....	11.3	12.4	8.8	13.9	5.1	5.1	5.9	2.3	2.2	3.8	#	#	#	#
20 and 21.....	12.9	14.0	12.4	14.7	6.2	6.1	8.8	5.4	5.1	9.9	0.3	0.3	0.3	0.1
22 to 24.....	16.2	16.7	20.2	15.3	13.1	13.1	14.9	12.0	11.6	17.7	10.0	11.2	10.4	3.2
25 to 29.....	15.5	15.1	16.9	14.4	16.3	16.2	18.8	21.6	21.4	23.8	26.8	29.3	26.5	16.3
30 to 34.....	9.6	8.8	9.6	8.5	12.9	12.9	12.1	18.0	18.3	14.7	19.2	19.9	18.5	18.4
35 to 39.....	6.7	6.0	6.4	5.8	10.5									

**Table 303.55. Total fall enrollment in degree-granting postsecondary institutions, by control and level of institution, attendance status, and age of student: 2015**

Attendance status and age of student	All institutions						Private (nonprofit and for-profit) institutions						
	All institutions			Public institutions			Total	Nonprofit institutions			For-profit institutions		
	Total	4-year	2-year	Total	4-year	2-year		Total	4-year	2-year	Total	4-year	2-year
1	2	3	4	5	6	7	8	9	10	11	12	13	14
<b>All students</b> .....	<b>19,988,204</b>	<b>13,488,743</b>	<b>6,499,461</b>	<b>14,572,843</b>	<b>8,348,539</b>	<b>6,224,304</b>	<b>5,415,361</b>	<b>4,065,891</b>	<b>4,015,882</b>	<b>50,009</b>	<b>1,349,470</b>	<b>1,124,322</b>	<b>225,148</b>
Under 18 .....	1,053,854	411,514	642,340	949,952	310,082	639,870	103,902	98,681	97,417	1,264	5,221	4,015	1,206
18 and 19 .....	4,341,382	2,878,216	1,463,166	3,431,297	2,001,434	1,429,863	910,085	838,127	830,714	7,413	71,958	46,068	25,890
20 and 21 .....	4,078,990	2,963,348	1,115,642	3,117,615	2,042,818	1,074,797	961,375	859,221	851,920	7,301	102,154	68,610	33,544
22 to 24 .....	3,324,891	2,389,481	935,410	2,515,025	1,628,858	886,167	809,866	644,659	636,521	8,138	165,207	124,102	41,105
25 to 29 .....	2,778,912	1,923,401	855,511	1,881,926	1,082,675	799,251	896,986	613,775	605,045	8,730	283,211	235,681	47,530
30 to 34 .....	1,511,847	1,023,167	488,680	957,600	501,934	455,666	554,247	329,892	324,670	5,222	224,355	196,563	27,792
35 to 39 .....	973,402	651,435	321,967	588,532	288,335	300,197	384,870	217,820	214,160	3,660	167,050	148,940	18,110
40 to 49 .....	1,190,153	796,057	394,096	691,117	321,516	369,601	499,036	283,983	279,493	4,490	215,053	195,048	20,005
50 to 64 .....	627,528	397,112	230,416	371,866	152,543	219,323	255,662	150,047	147,508	2,539	105,615	97,061	8,554
65 and over .....	66,683	29,144	37,539	51,277	14,290	36,987	15,406	9,019	8,847	172	6,387	6,007	380
Age unknown .....	40,562	25,868	14,694	16,636	4,054	12,582	23,926	20,667	19,587	1,080	3,259	2,227	1,032
<b>Full-time</b> .....	<b>12,287,512</b>	<b>9,776,828</b>	<b>2,510,684</b>	<b>8,353,946</b>	<b>6,081,177</b>	<b>2,272,769</b>	<b>3,933,566</b>	<b>3,045,267</b>	<b>3,009,240</b>	<b>36,027</b>	<b>888,299</b>	<b>686,411</b>	<b>201,888</b>
Under 18 .....	206,770	129,601	77,169	165,154	89,420	75,734	41,616	39,223	38,936	287	2,393	1,245	1,148
18 and 19 .....	3,612,294	2,701,199	911,095	2,736,611	1,857,101	879,510	875,683	811,174	804,587	6,587	64,509	39,511	24,998
20 and 21 .....	3,241,515	2,709,738	531,777	2,331,782	1,837,322	494,460	909,733	825,249	819,177	6,072	84,484	53,239	31,245
22 to 24 .....	2,156,073	1,829,594	326,479	1,509,569	1,226,139	283,430	646,504	524,528	518,467	6,061	121,976	84,988	36,988
25 to 29 .....	1,442,151	1,162,333	279,818	854,478	622,758	231,720	587,673	396,655	390,552	6,103	191,018	149,023	41,995
30 to 34 .....	649,695	503,635	146,060	338,636	220,464	118,172	311,059	170,347	166,823	3,524	140,712	116,348	24,364
35 to 39 .....	368,319	280,221	88,098	171,279	101,255	70,024	197,040	97,562	95,184	2,378	99,478	83,782	15,696
40 to 49 .....	403,959	307,808	96,151	166,778	90,562	76,216	237,181	114,573	111,817	2,756	122,608	105,429	17,179
50 to 64 .....	177,157	132,645	44,512	69,353	33,390	35,963	107,804	52,683	51,178	1,505	55,121	48,077	7,044
65 and over .....	10,556	7,751	2,805	4,127	1,737	2,390	6,429	2,612	2,498	114	3,817	3,516	301
Age unknown .....	19,023	12,303	6,720	6,179	1,029	5,150	12,844	10,661	10,021	640	2,183	1,253	930
<b>Part-time</b> .....	<b>7,700,692</b>	<b>3,711,915</b>	<b>3,988,777</b>	<b>6,218,897</b>	<b>2,267,362</b>	<b>3,951,535</b>	<b>1,481,795</b>	<b>1,020,624</b>	<b>1,006,642</b>	<b>13,982</b>	<b>461,171</b>	<b>437,911</b>	<b>23,260</b>
Under 18 .....	847,084	281,913	565,171	784,798	220,662	564,136	62,286	59,458	58,481	977	2,828	2,770	58
18 and 19 .....	729,088	177,017	552,071	694,686	144,333	550,353	34,402	26,953	26,127	826	7,449	6,557	892
20 and 21 .....	837,475	253,610	583,865	785,833	205,496	580,337	51,642	33,972	32,743	1,229	17,670	15,371	2,299
22 to 24 .....	1,168,818	559,887	608,931	1,005,456	402,719	602,737	163,362	120,131	118,054	2,077	43,231	39,114	4,117
25 to 29 .....	1,336,761	761,068	575,693	1,027,448	459,917	567,531	309,313	217,120	214,493	2,627	92,193	86,658	5,535
30 to 34 .....	862,152	519,532	342,620	618,964	281,470	337,494	243,188	159,545	157,847	1,698	83,643	80,215	3,428
35 to 39 .....	605,083	371,214	233,869	417,253	187,080	230,173	187,830	120,258	118,976	1,282	67,572	65,158	2,414
40 to 49 .....	786,194	488,249	297,945	524,339	230,954	293,385	261,855	169,410	167,676	1,734	92,445	89,619	2,826
50 to 64 .....	450,371	264,467	185,904	302,513	119,153	183,360	147,858	97,364	96,330	1,034	50,494	48,984	1,510
65 and over .....	56,127	21,393	34,734	47,150	12,553	34,597	8,977	6,407	6,349	58	2,570	2,491	79
Age unknown .....	21,539	13,565	7,974	10,457	3,025	7,432	11,082	10,006	9,566	440	1,076	974	102
Percentage distribution													
<b>All students</b> .....	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>
Under 18 .....	5.3	3.1	9.9	6.5	3.7	10.3	1.9	2.4	2.4	2.5	0.4	0.4	0.5
18 and 19 .....	21.7	21.3	22.5	23.5	24.0	23.0	16.8	20.6	20.7	14.8	5.3	4.1	11.5
20 and 21 .....	20.4	22.0	17.2	21.4	24.5	17.3	17.8	21.1	21.2	14.6	7.6	6.1	14.9
22 to 24 .....	16.6	17.7	14.4	17.3	19.5	14.2	15.0	15.9	15.9	16.3	12.2	11.0	18.3
25 to 29 .....	13.9	14.3	13.2	12.9	13.0	12.8	16.6	15.1	15.1	17.5	21.0	21.0	21.1
30 to 34 .....	7.6	7.6	7.5	6.6	6.0	7.3	10.2	8.1	8.1	10.4	16.6	17.5	12.3
35 to 39 .....	4.9	4.8	5.0	4.0	3.5	4.8	7.1	5.4	5.3	7.3	12.4	13.2	8.0
40 to 49 .....	6.0	5.9	6.1	4.7	3.9	5.9	9.2	7.0	7.0	9.0	15.9	17.3	8.9
50 to 64 .....	3.1	2.9	3.5	2.6	1.8	3.5	4.7	3.7	3.7	5.1	7.8	8.6	3.8
65 and over .....	0.3	0.2	0.6	0.4	0.2	0.6	0.3	0.2	0.2	0.3	0.5	0.5	0.2
Age unknown .....	0.2	0.2	0.2	0.1	#	0.2	0.4	0.5	0.5	2.2	0.2	0.2	0.5
<b>Full-time</b> .....	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>
Under 18 .....	1.7	1.3	3.1	2.0	1.5	3.3	1.1	1.3	1.3	0.8	0.3	0.2	0.6
18 and 19 .....	29.4	27.6	36.3	32.8	30.5	38.7	22.3	26.6	26.7	18.3	7.3	5.8	12.4
20 and 21 .....	26.4	27.7	21.2	27.9	30.2	21.8	23.1	27.2	27.2	16.9	9.5	7.8	15.5
22 to 24 .....	17.5	18.7	13.0	18.1	20.2	12.5	16.4	17.2	17.2	16.8	13.7	12.4	18.3
25 to 29 .....	11.7	11.9	11.1	10.2	10.2	10.2	14.9	13.0	13.0	16.9	21.5	21.7	20.8
30 to 34 .....	5.3	5.2	5.8	4.1	3.6	5.2	7.9	5.6	5.5	9.8	15.8	17.0	12.1
35 to 39 .....	3.0	2.9	3.5	2.1	1.7	3.1	5.0	3.2	3.2	6.6	11.2	12.2	7.8
40 to 49 .....	3.3	3.1	3.8	2.0	1.5	3.4	6.0	3.8	3.7	7.6	13.8	15.4	8.5
50 to 64 .....	1.4	1.4	1.8	0.8	0.5	1.6	2.7	1.7	1.7	4.2	6.2	7.0	3.5
65 and over .....	0.1	0.1	0.1	#	#	0.1	0.2	0.1	0.1	0.3	0.4	0.5	0.1
Age unknown .....	0.2	0.1	0.3	0.1	#	0.2	0.3	0.4	0.3	1.8	0.2	0.2	0.5
<b>Part-time</b> .....	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>
Under 18 .....	11.0	7.6	14.2	12.6	9.7	14.3	4.2	5.8	5.8	7.0	0.6	0.6	0.2
18 and 19 .....	9.5	4.8	13.8	11.2	6.4	13.9	2.3	2.6	2.6	5.9	1.6	1.5	3.8
20 and 21 .....	10.9	6.8	14.6	12.6	9.1	14.7	3.5	3.3	3.3	8.8	3.8	3.5	9.9
22 to 24 .....	15.2	15.1	15.3	16.2	17.8	15.3	11.0	11.8	11.7	14.9	9.4	8.9	17.7
25 to 29 .....	17.4	20.5	14.4	16.5	20.3	14.4	20.9	21.3	21.3	18.8	20.0	19.8	23.8
30 to 34 .....	11.2	14.0	8.6	10.0	12.4	8.5	16.4	15.6	15.7	12.1	18.1	18.3	14.7
35 to 39 .....	7.9	10.0	5.9	6.7	8.3	5.8	12.7	11.8	11.8	9.2	14.7	14.9	10.4
40 to 49 .....	10.2	13.2	7.5	8.4	10.2	7.4	17.7	16.6	16.7	12.4	20.0	20.5	12.1
50 to 64 .....	5.8	7.1	4.7	4.9	5.3	4.6	10.0	9.5	9.6	7.4	10.9	11.2	6.5
65 and over .....	0.7	0.6	0.9	0.8	0.6	0.9							

**Table 303.60. Total fall enrollment in degree-granting postsecondary institutions, by level of enrollment, sex of student, and other selected characteristics: 2016**

Level and control of institution and attendance status of student	Total			Undergraduate			Postbaccalaureate		
	Total	Males	Females	Total	Males	Females	Total	Males	Females
1	2	3	4	5	6	7	8	9	10
<b>Total</b> .....	<b>19,841,014</b>	<b>8,635,699</b>	<b>11,205,315</b>	<b>16,869,212</b>	<b>7,414,312</b>	<b>9,454,900</b>	<b>2,971,802</b>	<b>1,221,387</b>	<b>1,750,415</b>
Full-time .....	12,126,325	5,473,169	6,653,156	10,430,542	4,725,638	5,704,904	1,695,783	747,531	948,252
Part-time .....	7,714,689	3,162,530	4,552,159	6,438,670	2,688,674	3,749,996	1,276,019	473,856	802,163
<b>4-year</b> .....	<b>13,750,769</b>	<b>5,999,177</b>	<b>7,751,592</b>	<b>10,778,967</b>	<b>4,777,790</b>	<b>6,001,177</b>	<b>2,971,802</b>	<b>1,221,387</b>	<b>1,750,415</b>
Full-time .....	9,816,107	4,414,959	5,401,148	8,120,324	3,667,428	4,452,896	1,695,783	747,531	948,252
Part-time .....	3,934,662	1,584,218	2,350,444	2,658,643	1,110,362	1,548,281	1,276,019	473,856	802,163
<b>2-year</b> .....	<b>6,090,245</b>	<b>2,636,522</b>	<b>3,453,723</b>	<b>6,090,245</b>	<b>2,636,522</b>	<b>3,453,723</b>	†	†	†
Full-time .....	2,310,218	1,058,210	1,252,008	2,310,218	1,058,210	1,252,008	†	†	†
Part-time .....	3,780,027	1,578,312	2,201,715	3,780,027	1,578,312	2,201,715	†	†	†
<b>Public</b> .....	<b>14,582,972</b>	<b>6,513,420</b>	<b>8,069,552</b>	<b>13,141,086</b>	<b>5,894,171</b>	<b>7,246,915</b>	<b>1,441,886</b>	<b>619,249</b>	<b>822,637</b>
Full-time .....	8,327,550	3,877,818	4,449,732	7,519,384	3,506,785	4,012,599	808,166	371,033	437,133
Part-time .....	6,255,422	2,635,602	3,619,820	5,621,702	2,387,386	3,234,316	633,720	248,216	385,504
Public 4-year .....	8,741,896	3,958,861	4,783,035	7,300,010	3,339,612	3,960,398	1,441,886	619,249	822,637
Full-time .....	6,235,210	2,893,837	3,341,373	5,427,044	2,522,804	2,904,240	808,166	371,033	437,133
Part-time .....	2,506,686	1,065,024	1,441,662	1,872,966	816,808	1,056,158	633,720	248,216	385,504
Public 2-year .....	5,841,076	2,554,559	3,286,517	5,841,076	2,554,559	3,286,517	†	†	†
Full-time .....	2,092,340	983,981	1,108,359	2,092,340	983,981	1,108,359	†	†	†
Part-time .....	3,748,736	1,570,578	2,178,158	3,748,736	1,570,578	2,178,158	†	†	†
<b>Private</b> .....	<b>5,258,042</b>	<b>2,122,279</b>	<b>3,135,763</b>	<b>3,728,126</b>	<b>1,520,141</b>	<b>2,207,985</b>	<b>1,529,916</b>	<b>602,138</b>	<b>927,778</b>
Full-time .....	3,798,775	1,595,351	2,203,424	2,911,158	1,218,853	1,692,305	887,617	376,498	511,119
Part-time .....	1,459,267	526,928	932,339	816,968	301,288	515,680	642,299	225,640	416,659
Private 4-year .....	5,008,873	2,040,316	2,968,557	3,478,957	1,438,178	2,040,779	1,529,916	602,138	927,778
Full-time .....	3,580,897	1,521,122	2,059,775	2,693,280	1,144,624	1,548,656	887,617	376,498	511,119
Part-time .....	1,427,976	519,194	908,782	785,677	293,554	492,123	642,299	225,640	416,659
Private 2-year .....	249,169	81,963	167,206	249,169	81,963	167,206	†	†	†
Full-time .....	217,878	74,229	143,649	217,878	74,229	143,649	†	†	†
Part-time .....	31,291	7,734	23,557	31,291	7,734	23,557	†	†	†
Nonprofit .....	4,077,797	1,717,281	2,360,516	2,812,769	1,194,199	1,618,570	1,265,028	523,082	741,946
Full-time .....	3,059,177	1,330,358	1,728,819	2,294,838	994,414	1,300,424	764,339	335,944	428,395
Part-time .....	1,018,620	386,923	631,697	517,931	199,785	318,146	500,689	187,138	313,551
Nonprofit 4-year .....	4,027,240	1,702,784	2,324,456	2,762,212	1,179,702	1,582,510	1,265,028	523,082	741,946
Full-time .....	3,019,670	1,318,415	1,701,255	2,255,331	982,471	1,272,860	764,339	335,944	428,395
Part-time .....	1,007,570	384,369	623,201	506,881	197,231	309,650	500,689	187,138	313,551
Nonprofit 2-year .....	50,557	14,497	36,060	50,557	14,497	36,060	†	†	†
Full-time .....	39,507	11,943	27,564	39,507	11,943	27,564	†	†	†
Part-time .....	11,050	2,554	8,496	11,050	2,554	8,496	†	†	†
For-profit .....	1,180,245	404,998	775,247	915,357	325,942	589,415	264,888	79,056	185,832
Full-time .....	739,598	264,993	474,605	616,320	224,439	391,881	123,278	40,554	82,724
Part-time .....	440,647	140,005	300,642	299,037	101,503	197,534	141,610	38,502	103,108
For-profit 4-year .....	981,633	337,532	644,101	716,745	258,476	458,269	264,888	79,056	185,832
Full-time .....	561,227	202,707	358,520	437,949	162,153	275,796	123,278	40,554	82,724
Part-time .....	420,406	134,825	285,581	278,796	96,323	182,473	141,610	38,502	103,108
For-profit 2-year .....	198,612	67,466	131,146	198,612	67,466	131,146	†	†	†
Full-time .....	178,371	62,286	116,085	178,371	62,286	116,085	†	†	†
Part-time .....	20,241	5,180	15,061	20,241	5,180	15,061	†	†	†

†Not applicable.  
NOTE: Degree-granting institutions grant associate's or higher degrees and participate in Title IV federal financial aid programs.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), Spring 2017, Fall Enrollment component. (This table was prepared October 2017.)

**Table 303.70. Total undergraduate fall enrollment in degree-granting postsecondary institutions, by attendance status, sex of student, and control and level of institution: Selected years, 1970 through 2027**

Level and year	Total	Full-time	Part-time	Males		Females		Private		Private			
				Full-time	Part-time	Full-time	Part-time	Public	Total	Nonprofit	For-profit		
1	2	3	4	5	6	7	8	9	10	11	12	13	14
<b>Total, all levels</b>													
1970.....	7,368,644	5,280,064	2,088,580	4,249,702	3,118,942	3,096,371	1,153,331	2,183,693	935,249	5,620,255	1,748,389	1,730,133	18,256
1975.....	9,679,455	6,168,396	3,511,059	5,257,005	4,422,450	3,459,328	1,797,677	2,709,068	1,713,382	7,826,032	1,853,423	1,814,844	38,579
1980.....	10,475,055	6,361,744	4,113,311	5,000,177	5,474,878	3,226,857	1,773,320	3,134,887	2,339,991	8,441,955	2,033,100	1,926,703	106,397
1985.....	10,596,674	6,319,592	4,277,082	4,962,080	5,634,594	3,156,446	1,805,634	3,163,146	2,471,448	8,477,125	2,119,549	1,928,996	190,553
1986.....	10,797,975	6,352,073	4,445,902	5,017,505	5,780,470	3,146,330	1,871,175	3,205,743	2,574,727	8,660,716	2,137,259	1,928,294	208,965
1987.....	11,046,235	6,462,549	4,583,686	5,068,557	5,977,778	3,163,676	1,904,781	3,298,873	2,678,905	8,918,589	2,127,646	1,939,942	187,704
1988.....	11,316,548	6,642,428	4,674,120	5,137,644	6,178,904	3,206,442	1,931,202	3,435,986	2,742,918	9,103,146	2,213,402	—	—
1989.....	11,742,531	6,840,696	4,901,835	5,310,990	6,431,541	3,278,647	2,032,343	3,562,049	2,869,492	9,487,742	2,254,789	—	—
1990.....	11,959,106	6,976,030	4,983,076	5,379,759	6,579,347	3,336,535	2,043,224	3,639,495	2,939,852	9,709,596	2,249,510	2,043,407	206,103
1991.....	12,439,287	7,221,412	5,217,875	5,571,003	6,868,284	3,435,526	2,135,477	3,785,886	3,082,398	10,147,957	2,291,330	2,072,354	182,976
1992.....	12,537,700	7,244,442	5,293,258	5,582,936	6,954,764	3,424,739	2,158,197	3,819,703	3,135,061	10,216,297	2,321,403	2,101,721	219,682
1993.....	12,323,959	7,179,482	5,144,477	5,483,682	6,840,277	3,381,997	2,101,685	3,797,485	3,042,792	10,011,787	2,312,172	2,099,197	212,975
1994.....	12,262,608	7,168,706	5,093,902	5,422,113	6,840,495	3,341,591	2,080,522	3,827,115	3,013,380	9,945,128	2,317,480	2,100,465	217,015
1995.....	12,231,719	7,145,268	5,086,451	5,401,130	6,830,589	3,296,610	2,104,520	3,848,658	2,981,931	9,903,626	2,328,093	2,104,693	223,400
1996.....	12,326,948	7,298,839	5,028,109	5,420,672	6,906,276	3,339,108	2,101,564	3,959,731	2,946,545	9,935,283	2,391,665	2,112,318	279,347
1997.....	12,450,587	7,418,598	5,031,989	5,468,532	6,982,055	3,379,597	2,088,935	4,039,001	2,943,054	10,007,479	2,443,108	2,139,824	303,284
1998.....	12,436,937	7,538,711	4,898,226	5,446,133	6,990,804	3,428,161	2,017,972	4,110,550	2,880,254	9,950,212	2,486,725	2,152,655	334,070
1999.....	12,739,445	7,753,548	4,985,897	5,584,234	7,155,211	3,524,586	2,059,648	4,228,962	2,926,249	10,174,228	2,565,217	2,185,290	379,927
2000.....	13,155,393	7,922,926	5,232,467	5,778,268	7,377,125	3,588,246	2,190,022	4,334,680	3,042,445	10,539,322	2,616,071	2,213,180	402,891
2001.....	13,715,610	8,327,640	5,387,970	6,004,431	7,711,179	3,768,630	2,235,801	4,559,010	3,152,169	10,985,871	2,729,739	2,257,718	472,021
2002.....	14,257,077	8,734,252	5,522,825	6,192,390	8,064,687	3,934,168	2,258,222	4,800,084	3,264,603	11,432,855	2,824,222	2,306,091	518,131
2003.....	14,480,364	9,045,253	5,435,111	6,227,372	8,252,992	4,048,682	2,178,690	4,996,571	3,256,421	11,523,103	2,957,261	2,346,673	610,588
2004.....	14,780,630	9,284,336	5,496,294	6,340,048	8,440,582	4,140,628	2,199,420	5,143,708	3,296,874	11,650,580	3,130,050	2,389,366	740,684
2005.....	14,963,964	9,446,430	5,517,534	6,408,871	8,555,093	4,200,863	2,208,008	5,245,567	3,309,526	11,697,730	3,266,234	2,418,368	847,866
2006.....	15,184,302	9,571,079	5,613,223	6,513,756	8,670,546	4,264,606	2,249,150	5,306,473	3,364,073	11,847,426	3,336,876	2,448,240	888,636
2007.....	15,603,771	9,840,978	5,762,793	6,727,600	8,876,171	4,396,868	2,330,732	5,444,110	3,432,061	12,137,583	3,466,188	2,470,327	995,861
2008.....	16,365,378	10,254,930	6,110,808	7,066,623	9,299,115	4,577,431	2,489,192	5,677,499	3,621,616	12,591,217	3,774,521	2,536,532	1,237,989
2009.....	17,464,179	11,038,275	6,425,904	7,563,176	9,901,003	4,942,120	2,621,056	6,096,155	3,804,848	13,386,375	4,077,804	2,595,171	1,482,633
2010.....	18,082,427	11,457,040	6,625,387	7,836,282	10,246,145	5,118,975	2,717,307	6,338,065	3,908,080	13,703,000	4,379,427	2,652,993	1,726,434
2011.....	18,077,303	11,365,175	6,712,128	7,822,992	10,254,311	5,070,553	2,752,439	6,294,622	3,959,689	13,694,899	4,382,404	2,718,923	1,663,481
2012.....	17,735,638	11,097,092	6,638,546	7,714,938	10,020,700	4,984,389	2,730,549	6,112,703	3,907,997	13,478,100	4,257,538	2,744,400	1,513,138
2013.....	17,476,304	10,939,276	6,537,028	7,660,140	9,816,164	4,950,210	2,709,930	5,989,066	3,827,098	13,348,292	4,128,012	2,755,463	1,372,549
2014.....	17,294,136	10,784,392	6,509,744	7,586,299	9,707,837	4,877,531	2,708,768	5,906,861	3,800,976	13,244,533	4,049,603	2,772,065	1,427,538
2015.....	17,046,673	10,603,030	6,443,643	7,502,254	9,544,419	4,809,098	2,693,156	5,793,932	3,750,487	13,150,823	3,895,850	2,822,122	1,073,728
2016.....	16,869,212	10,430,542	6,438,670	7,414,312	9,454,900	4,725,638	2,688,674	5,704,904	3,749,996	13,141,086	3,728,126	2,812,769	915,357
2017.....	16,924,000	10,444,000	6,480,000	7,409,000	9,515,000	4,718,000	2,691,000	5,726,000	3,788,000	13,316,000	3,608,000	—	—
2018 <sup>1</sup> .....	16,998,000	10,480,000	6,518,000	7,437,000	9,561,000	4,732,000	2,705,000	5,748,000	3,813,000	13,376,000	3,622,000	—	—
2019 <sup>1</sup> .....	17,069,000	10,512,000	6,557,000	7,466,000	9,602,000	4,745,000	2,721,000	5,767,000	3,836,000	13,434,000	3,635,000	—	—
2020 <sup>1</sup> .....	17,088,000	10,505,000	6,583,000	7,472,000	9,616,000	4,740,000	2,732,000	5,765,000	3,851,000	13,450,000	3,638,000	—	—
2021 <sup>1</sup> .....	17,109,000	10,502,000	6,607,000	7,477,000	9,633,000	4,736,000	2,741,000	5,766,000	3,867,000	13,468,000	3,641,000	—	—
2022 <sup>1</sup> .....	17,136,000	10,506,000	6,630,000	7,486,000	9,650,000	4,736,000	2,750,000	5,770,000	3,880,000	13,491,000	3,645,000	—	—
2023 <sup>1</sup> .....	17,179,000	10,521,000	6,658,000	7,503,000	9,676,000	4,743,000	2,760,000	5,778,000	3,898,000	13,527,000	3,652,000	—	—
2024 <sup>1</sup> .....	17,242,000	10,553,000	6,689,000	7,528,000	9,714,000	4,758,000	2,771,000	5,796,000	3,918,000	13,578,000	3,664,000	—	—
2025 <sup>1</sup> .....	17,309,000	10,595,000	6,714,000	7,557,000	9,752,000	4,776,000	2,781,000	5,819,000	3,933,000	13,630,000	3,678,000	—	—
2026 <sup>1</sup> .....	17,379,000	10,635,000	6,743,000	7,589,000	9,790,000	4,794,000	2,795,000	5,842,000	3,949,000	13,686,000	3,693,000	—	—
2027 <sup>1</sup> .....	17,402,000	10,636,000	6,766,000	7,599,000	9,803,000	4,794,000	2,805,000	5,842,000	3,961,000	13,706,000	3,697,000	—	—
<b>2-year institutions<sup>2</sup></b>													
1970.....	2,318,956	1,228,909	1,090,047	1,374,426	944,530	771,298	603,128	457,611	486,919	2,194,983	123,973	113,299	10,674
1975.....	3,965,726	1,761,009	2,204,717	2,163,604	1,802,122	1,035,531	1,128,073	725,478	1,076,644	3,831,973	137,753	112,997	20,756
1980.....	4,525,097	1,753,637	2,771,460	2,046,642	2,478,455	879,619	1,167,023	874,018	1,604,437	4,327,592	179,509	114,994	83,411
1985.....	4,531,077	1,690,607	2,840,470	2,002,234	2,528,843	826,308	1,175,926	864,299	1,664,544	4,269,733	261,344	108,791	152,553
1986.....	4,679,548	1,696,261	2,983,287	2,060,932	2,618,616	824,551	1,236,381	871,710	1,746,906	4,413,691	265,857	101,498	164,359
1987.....	4,776,222	1,708,669	3,067,553	2,072,823	2,703,399	820,167	1,252,656	888,502	1,814,897	4,541,054	235,168	90,102	145,066
1988.....	4,875,155	1,743,592	3,131,563	2,089,689	2,785,466	818,593	1,271,096	924,999	1,860,467	4,615,487	259,668	—	—
1989.....	5,150,889	1,855,701	3,295,188	2,216,800	2,934,089	869,688	1,347,112	986,013	1,948,076	4,883,660	267,229	—	—
1990.....	5,240,083	1,883,962	3,356,121	2,232,769	3,007,314	881,392	1,351,377	1,002,570	2,004,744	4,996,475	243,608	89,158	154,450
1991.....	5,651,900	2,074,530	3,577,370	2,401,910	3,249,990	961,397	1,440,513	1,113,133	2,136,857	5,404,815	247,085	89,289	157,796
1992.....	5,722,349	2,080,005											

**Table 303.70. Total undergraduate fall enrollment in degree-granting postsecondary institutions, by attendance status, sex of student, and control and level of institution: Selected years, 1970 through 2027—Continued**

Level and year	Total	Full-time	Part-time	Males	Females	Males		Females		Public	Private		
						Full-time	Part-time	Full-time	Part-time		Total	Nonprofit	For-profit
2015.....	6,499,461	2,510,684	3,988,777	2,818,075	3,681,386	1,143,704	1,674,371	1,366,980	2,314,406	6,224,304	275,157	50,009	225,148
2016.....	6,090,245	2,310,218	3,780,027	2,636,522	3,453,723	1,058,210	1,578,312	1,252,008	2,201,715	5,841,076	249,169	50,557	198,612
2017 <sup>1</sup> .....	6,628,000	2,602,000	4,026,000	2,860,000	3,768,000	1,188,000	1,672,000	1,414,000	2,354,000	6,347,000	281,000	—	—
2018 <sup>1</sup> .....	6,664,000	2,614,000	4,049,000	2,874,000	3,790,000	1,194,000	1,680,000	1,421,000	2,369,000	6,381,000	283,000	—	—
2019 <sup>1</sup> .....	6,697,000	2,625,000	4,073,000	2,888,000	3,809,000	1,199,000	1,689,000	1,426,000	2,383,000	6,413,000	284,000	—	—
2020 <sup>1</sup> .....	6,706,000	2,620,000	4,086,000	2,890,000	3,816,000	1,195,000	1,695,000	1,425,000	2,391,000	6,423,000	284,000	—	—
2021 <sup>1</sup> .....	6,716,000	2,618,000	4,098,000	2,893,000	3,823,000	1,193,000	1,700,000	1,425,000	2,399,000	6,433,000	283,000	—	—
2022 <sup>1</sup> .....	6,733,000	2,624,000	4,109,000	2,899,000	3,834,000	1,195,000	1,704,000	1,428,000	2,405,000	6,448,000	284,000	—	—
2023 <sup>1</sup> .....	6,755,000	2,630,000	4,125,000	2,908,000	3,847,000	1,198,000	1,710,000	1,432,000	2,415,000	6,470,000	285,000	—	—
2024 <sup>1</sup> .....	6,782,000	2,638,000	4,144,000	2,919,000	3,863,000	1,203,000	1,717,000	1,436,000	2,427,000	6,496,000	286,000	—	—
2025 <sup>1</sup> .....	6,810,000	2,650,000	4,160,000	2,932,000	3,879,000	1,208,000	1,723,000	1,442,000	2,437,000	6,523,000	287,000	—	—
2026 <sup>1</sup> .....	6,839,000	2,661,000	4,178,000	2,945,000	3,894,000	1,213,000	1,732,000	1,447,000	2,446,000	6,550,000	288,000	—	—
2027 <sup>1</sup> .....	6,848,000	2,658,000	4,191,000	2,949,000	3,899,000	1,211,000	1,738,000	1,446,000	2,452,000	6,560,000	288,000	—	—
<b>4-year institutions</b>													
1970.....	5,049,688	4,051,155	998,533	2,875,276	2,174,412	2,325,073	550,203	1,726,082	448,330	3,425,272	1,624,416	1,616,834	7,582
1975.....	5,713,729	4,407,387	1,306,342	3,093,401	2,620,328	2,423,797	669,604	1,983,590	636,738	3,994,059	1,719,670	1,701,847	17,823
1980.....	5,949,958	4,608,107	1,341,851	2,953,535	2,996,423	2,347,238	606,297	2,260,869	735,554	4,114,363	1,835,595	1,812,609	22,986
1985.....	6,065,597	4,628,985	1,436,612	2,959,846	3,105,751	2,330,138	629,708	2,298,847	806,904	4,207,392	1,858,205	1,820,205	38,000
1986.....	6,118,427	4,655,812	1,462,615	2,956,573	3,161,854	2,321,779	634,794	2,334,033	827,821	4,247,025	1,871,402	1,826,796	44,606
1987.....	6,270,013	4,753,880	1,516,133	2,995,634	3,274,379	2,343,509	652,125	2,410,371	864,008	4,377,535	1,849,478	1,849,840	42,638
1988.....	6,441,393	4,898,836	1,542,557	3,047,955	3,393,438	2,387,849	660,106	2,510,987	882,451	4,487,659	1,953,734	—	—
1989.....	6,591,642	4,984,995	1,606,647	3,094,190	3,497,452	2,408,959	685,231	2,576,036	921,416	4,604,082	1,987,560	—	—
1990.....	6,719,023	5,092,068	1,626,955	3,146,990	3,572,033	2,455,143	691,847	2,636,925	935,108	4,713,121	2,005,902	1,954,249	51,653
1991.....	6,787,387	5,146,882	1,640,505	3,169,093	3,618,294	2,474,129	694,964	2,672,753	945,541	4,743,142	2,044,245	1,983,065	61,180
1992.....	6,815,351	5,164,437	1,650,914	3,169,670	3,645,681	2,472,923	696,747	2,691,514	954,167	4,731,783	2,083,568	2,018,433	65,135
1993.....	6,758,398	5,136,163	1,622,235	3,138,286	3,620,112	2,453,781	684,505	2,682,382	937,730	4,674,765	2,083,633	2,012,840	70,793
1994.....	6,732,999	5,136,993	1,596,006	3,098,952	3,634,047	2,430,002	668,950	2,706,991	927,056	4,636,762	2,096,237	2,014,858	81,379
1995.....	6,739,621	5,168,222	1,571,399	3,072,630	3,666,991	2,418,395	654,235	2,679,827	917,164	4,626,228	2,113,393	2,029,539	83,854
1996.....	6,764,168	5,226,624	1,537,544	3,061,880	3,702,288	2,422,656	639,224	2,803,968	898,320	4,621,245	2,142,923	2,037,065	105,858
1997.....	6,845,018	5,323,427	1,521,591	3,078,821	3,766,197	2,448,203	630,618	2,875,224	890,973	4,646,793	2,198,225	2,068,030	130,195
1998.....	6,947,623	5,452,805	1,494,818	3,112,799	3,834,824	2,491,740	621,059	2,961,065	873,759	4,704,249	2,243,374	2,086,785	156,589
1999.....	7,086,189	5,586,306	1,499,883	3,170,912	3,915,277	2,545,383	625,529	3,040,923	874,354	4,776,442	2,309,747	2,121,989	187,758
2000.....	7,207,289	5,705,882	1,501,407	3,219,748	3,987,541	2,592,407	627,341	3,113,475	874,066	4,842,261	2,365,028	2,154,336	210,692
2001.....	7,465,081	5,953,150	1,511,931	3,329,238	4,135,843	2,702,349	626,889	3,250,801	885,042	4,989,220	2,475,861	2,210,169	265,692
2002.....	7,727,879	6,178,220	1,549,659	3,438,985	4,288,894	2,798,499	640,486	3,379,721	909,173	5,162,566	2,565,223	2,259,004	306,219
2003.....	7,986,502	6,394,916	1,591,586	3,537,444	4,449,058	2,886,127	651,317	3,508,789	940,269	5,314,218	2,672,284	2,302,805	369,479
2004.....	8,235,060	6,600,847	1,634,213	3,642,541	4,592,519	2,974,074	668,467	3,626,773	965,746	5,407,326	2,827,824	2,347,116	480,708
2005.....	8,476,138	6,799,667	1,676,471	3,728,572	4,747,566	3,047,104	681,468	3,752,563	995,003	5,513,730	2,962,408	2,374,846	587,562
2006.....	8,666,011	6,927,857	1,738,154	3,809,102	4,856,909	3,104,806	704,296	3,823,051	1,033,858	5,622,555	3,043,456	2,409,084	634,372
2007.....	8,986,150	7,148,487	1,837,663	3,957,143	5,029,007	3,206,801	750,342	3,941,686	1,087,321	5,813,773	3,172,377	2,436,841	735,536
2008.....	9,394,633	7,422,820	1,971,813	4,130,830	5,263,803	3,297,599	803,231	4,095,221	1,168,582	5,951,146	3,443,487	2,501,181	942,306
2009.....	9,941,598	7,794,323	2,147,275	4,365,838	5,575,760	3,495,748	870,090	4,298,575	1,277,185	6,284,806	3,656,792	2,560,399	1,096,393
2010.....	10,398,830	8,091,661	2,307,169	4,570,397	5,828,433	3,635,745	934,652	4,455,916	1,372,517	6,484,937	3,913,893	2,620,310	1,293,583
2011.....	10,566,153	8,194,968	2,371,185	4,647,189	5,918,964	3,679,370	967,819	4,515,598	1,403,366	6,626,741	3,939,412	2,679,068	1,260,344
2012.....	10,567,798	8,155,295	2,412,503	4,668,845	5,898,953	3,678,732	990,113	4,476,563	1,422,390	6,686,035	3,881,763	2,706,702	1,175,061
2013.....	10,505,660	8,103,002	2,402,658	4,661,700	5,843,960	3,670,416	991,284	4,432,586	1,411,374	6,721,881	3,783,779	2,723,272	1,060,507
2014.....	10,579,458	8,123,285	2,456,173	4,692,279	5,887,179	3,676,883	1,015,396	4,446,402	1,440,777	6,846,981	3,732,477	2,741,689	990,788
2015.....	10,547,212	8,092,346	2,454,866	4,684,179	5,863,033	3,665,394	1,018,785	4,426,952	1,436,081	6,926,519	3,620,693	2,772,113	848,580
2016.....	10,778,967	8,120,324	2,658,643	4,777,790	6,001,177	3,667,428	1,110,362	4,452,896	1,548,281	7,300,010	3,478,957	2,762,212	716,745
2017 <sup>1</sup> .....	10,296,000	7,843,000	2,453,000	4,549,000	5,747,000	3,530,000	1,019,000	4,313,000	1,434,000	6,969,000	3,327,000	—	—
2018 <sup>1</sup> .....	10,334,000	7,865,000	2,469,000	4,563,000	5,771,000	3,538,000	1,025,000	4,327,000	1,443,000	6,995,000	3,339,000	—	—
2019 <sup>1</sup> .....	10,371,000	7,887,000	2,484,000	4,578,000	5,793,000	3,547,000	1,032,000	4,341,000	1,453,000	7,020,000	3,351,000	—	—
2020 <sup>1</sup> .....	10,382,000	7,885,000	2,496,000	4,581,000	5,801,000	3,545,000	1,037,000	4,341,000	1,460,000	7,028,000	3,354,000	—	—
2021 <sup>1</sup> .....	10,393,000	7,884,000	2,509,000	4,584,000	5,809,000	3,543,000	1,041,000	4,341,000	1,468,000	7,035,000	3,358,000	—	—
2022 <sup>1</sup> .....	10,404,000	7,883,000	2,521,000	4,587,000	5,817,000	3,541,000	1,046,000	4,342,000	1,475,000	7,043,000	3,361,000	—	—
2023 <sup>1</sup> .....	10,424,000	7,891,000	2,533,000	4,595,000	5,829,000	3,544,000	1,050,000	4,347,000	1,483,000	7,057,000	3,367,000	—	—
2024 <sup>1</sup> .....	10,460,000	7,915,000	2,545,000	4,609,000	5,851,000	3,555,000	1,054,000	4,360,000	1,491,000	7,081,000	3,379,000	—	—
2025 <sup>1</sup> .....	10,499,000	7,945,000	2,554,000	4,625,000	5,873,000	3,568,000	1,058,000	4,377,000	1,496,000	7,107,000	3,391,000	—	—
2026 <sup>1</sup> .....	10,540,000	7,975,000	2,565,000	4,643,000	5,897,000	3,581,000	1,063,000	4,394,000	1,502,000	7,135,000	3,405,000	—	—
2027 <sup>1</sup> .....	10,554,000	7,979,000	2,575,000	4,650,000	5,904,000	3,583,000	1,067,000	4,396,000	1,508,000	7,146,000	3,409,000	—	—

—Not available.

<sup>1</sup>Projected.

<sup>2</sup>Beginning in 1980, 2-year institutions include schools accredited by the Accrediting Commission of Career Schools and Colleges of Technology.

NOTE: Data through 1995 are for institutions of higher education, while later data are for degree-granting institutions. Degree-granting institutions grant associate's or higher degrees and participate in Title IV federal financial aid programs. The degree-granting classification is very similar to the earlier higher education classification, but it includes more 2-

year colleges and excludes a few higher education institutions that did not grant degrees. Some data have been revised from previously published figures.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Higher Education General Information Survey (HEGIS), "Fall Enrollment in Colleges and Universities" surveys, 1970 through 1985; Integrated Postsecondary Education Data System (IPEDS), "Fall Enrollment Survey" (IPEDS-EF:86-99); IPEDS Spring 2001 through Spring 2017, Fall Enrollment component; and Enrollment in Degree-Granting Institutions Projection Model, 2000 through 2027. (This table was prepared March 2018.)

**Table 303.80. Total postbaccalaureate fall enrollment in degree-granting postsecondary institutions, by attendance status, sex of student, and control of institution: 1970 through 2027**

Year	Total	Full-time	Part-time	Males	Females	Males		Females		Public	Private		
						Full-time	Part-time	Full-time	Part-time		Total	Nonprofit	For-profit
						7	8	9	10		11	12	13
1970.....	1,212,243	536,226	676,017	793,940	418,303	407,724	386,216	128,502	289,801	807,879	404,364	404,287	77
1971.....	1,204,390	564,236	640,154	789,131	415,259	428,167	360,964	136,069	279,190	796,516	407,874	407,804	70
1972.....	1,272,421	583,299	689,122	810,164	462,257	436,533	373,631	146,766	315,491	848,031	424,390	424,278	112
1973.....	1,342,452	610,935	731,517	833,453	508,999	444,219	389,234	166,716	342,283	897,104	445,348	445,205	143
1974.....	1,425,001	643,927	781,074	856,847	568,154	454,706	402,141	189,221	378,933	956,770	468,231	467,950	281
1975.....	1,505,404	672,938	832,466	891,992	613,412	467,425	424,567	205,513	407,899	1,008,476	496,928	496,604	324
1976.....	1,577,546	683,825	893,721	904,551	672,995	459,286	445,265	224,539	448,456	1,033,115	544,431	541,064	3,367
1977.....	1,569,084	698,902	870,182	891,819	677,265	462,038	429,781	236,864	440,401	1,004,013	565,071	561,384	3,687
1978.....	1,575,693	704,831	870,862	879,931	695,762	458,865	421,066	245,966	449,796	998,608	577,085	573,563	3,522
1979.....	1,571,922	714,624	857,298	862,754	709,168	456,197	406,557	258,427	450,741	989,991	581,931	578,425	3,506
1980.....	1,621,840	736,214	885,626	874,197	747,643	462,387	411,810	273,827	473,816	1,015,439	606,401	601,084	5,317
1981.....	1,617,150	732,182	884,968	866,785	750,365	452,364	414,421	279,818	470,547	998,669	618,481	613,557	4,924
1982.....	1,600,718	736,813	863,905	860,890	739,828	453,519	407,371	283,294	456,534	983,014	617,704	613,350	4,354
1983.....	1,618,666	747,016	871,650	865,425	753,241	455,540	409,885	291,476	461,765	985,616	633,050	628,111	4,939
1984.....	1,623,869	750,735	873,134	856,761	767,108	452,579	404,182	298,156	468,952	983,879	639,990	634,109	5,881
1985.....	1,650,381	755,629	894,752	856,370	794,011	451,274	405,096	304,355	489,656	1,002,148	648,233	642,795	5,438
1986.....	1,705,536	767,477	938,059	867,010	838,526	452,717	414,293	314,760	523,766	1,053,177	652,359	644,185	8,174
1987.....	1,720,407	768,536	951,871	863,599	856,808	447,212	416,387	321,324	535,484	1,054,665	665,742	662,408	3,334
1988.....	1,738,789	794,340	944,449	864,252	874,537	455,337	408,915	339,003	535,534	1,058,242	680,547	—	—
1989.....	1,796,029	820,254	975,775	879,025	917,004	461,596	417,429	358,658	558,346	1,090,221	705,808	—	—
1990.....	1,859,531	844,955	1,014,576	904,150	955,381	471,217	432,933	373,738	581,643	1,135,121	724,410	716,820	7,590
1991.....	1,919,666	893,917	1,025,749	930,841	988,825	493,849	436,992	400,068	588,757	1,161,606	758,060	746,687	11,373
1992.....	1,949,659	917,676	1,031,983	941,053	1,008,606	502,166	438,887	415,510	593,096	1,168,270	781,389	770,802	10,587
1993.....	1,980,844	948,136	1,032,708	943,768	1,037,076	508,574	435,194	439,562	597,514	1,177,301	803,543	789,700	13,843
1994.....	2,016,182	969,070	1,047,112	949,785	1,066,397	513,592	436,193	455,478	610,919	1,188,552	827,630	809,642	17,988
1995.....	2,030,062	983,534	1,046,528	941,409	1,088,653	510,782	430,627	472,752	615,901	1,188,748	841,314	824,351	16,963
1996.....	2,040,572	1,004,114	1,036,458	932,153	1,108,419	512,100	420,053	492,014	616,405	1,185,216	855,356	830,238	25,118
1997.....	2,051,747	1,019,464	1,032,283	927,496	1,124,251	510,845	416,651	508,619	615,632	1,188,640	863,107	837,790	25,317
1998.....	2,070,030	1,024,627	1,045,403	923,132	1,146,898	505,492	417,640	519,135	627,763	1,187,557	882,473	852,270	30,203
1999.....	2,110,246	1,049,591	1,060,655	930,930	1,179,316	508,930	422,000	540,661	638,655	1,201,511	908,735	869,739	38,996
2000.....	2,156,896	1,086,674	1,070,222	943,501	1,213,395	522,847	420,654	563,827	649,568	1,213,464	943,432	896,239	47,193
2001.....	2,212,377	1,119,862	1,092,515	956,384	1,255,993	531,260	425,124	588,602	667,391	1,247,285	965,092	909,612	55,480
2002.....	2,354,634	1,212,107	1,142,527	1,009,726	1,344,908	566,930	442,796	645,177	699,731	1,319,138	1,035,496	959,385	76,111
2003.....	2,431,117	1,280,880	1,150,237	1,032,892	1,398,225	589,190	443,702	691,690	706,535	1,335,595	1,095,522	994,375	101,147
2004.....	2,491,414	1,325,841	1,165,573	1,047,214	1,444,200	598,727	448,487	727,114	717,086	1,329,532	1,161,882	1,022,319	139,563
2005.....	2,523,511	1,350,581	1,172,930	1,047,054	1,476,457	602,525	444,529	748,056	728,401	1,324,104	1,199,407	1,036,324	163,083
2006.....	2,574,568	1,386,226	1,188,342	1,061,059	1,513,509	614,709	446,350	771,517	741,992	1,332,707	1,241,861	1,064,626	177,235
2007.....	2,644,357	1,428,914	1,215,443	1,088,314	1,556,043	632,576	455,738	796,338	759,705	1,353,197	1,291,160	1,100,823	190,337
2008.....	2,737,076	1,492,813	1,244,263	1,122,272	1,614,804	656,926	465,346	835,887	778,917	1,380,936	1,356,140	1,124,987	231,153
2009.....	2,849,415	1,567,080	1,282,335	1,169,777	1,679,638	689,977	479,800	877,103	802,535	1,424,393	1,425,022	1,172,501	252,521
2010.....	2,937,011	1,630,142	1,306,869	1,209,477	1,727,534	719,408	490,069	910,734	816,800	1,439,171	1,497,840	1,201,489	296,351
2011.....	2,933,287	1,637,356	1,295,931	1,211,264	1,722,023	722,265	488,999	915,091	806,932	1,421,404	1,511,883	1,207,896	303,987
2012.....	2,908,840	1,637,312	1,271,528	1,204,068	1,704,772	724,017	480,051	913,295	791,477	1,406,567	1,502,273	1,206,988	295,285
2013.....	2,900,373	1,657,334	1,243,039	1,201,057	1,699,316	732,112	468,945	925,222	774,094	1,398,556	1,501,817	1,215,927	285,890
2014.....	2,914,956	1,670,072	1,244,884	1,211,231	1,703,725	742,247	468,984	927,825	775,900	1,410,127	1,504,829	1,225,184	279,645
2015.....	2,941,531	1,684,482	1,257,049	1,221,565	1,719,966	749,349	472,216	935,133	784,833	1,422,020	1,519,511	1,243,769	275,742
2016.....	2,971,802	1,695,783	1,276,019	1,221,387	1,750,415	747,531	473,856	948,252	802,163	1,441,886	1,529,916	1,265,028	264,888
2017 <sup>1</sup> .....	2,907,000	1,641,000	1,266,000	1,228,000	1,679,000	746,000	482,000	895,000	784,000	1,412,000	1,495,000	—	—
2018 <sup>1</sup> .....	2,926,000	1,648,000	1,278,000	1,238,000	1,688,000	750,000	487,000	897,000	791,000	1,421,000	1,504,000	—	—
2019 <sup>1</sup> .....	2,945,000	1,654,000	1,291,000	1,247,000	1,698,000	754,000	493,000	900,000	798,000	1,431,000	1,514,000	—	—
2020 <sup>1</sup> .....	2,960,000	1,659,000	1,301,000	1,254,000	1,705,000	756,000	498,000	902,000	803,000	1,438,000	1,521,000	—	—
2021 <sup>1</sup> .....	2,975,000	1,664,000	1,312,000	1,262,000	1,714,000	759,000	503,000	905,000	809,000	1,446,000	1,530,000	—	—
2022 <sup>1</sup> .....	2,993,000	1,671,000	1,322,000	1,270,000	1,723,000	763,000	508,000	909,000	814,000	1,455,000	1,538,000	—	—
2023 <sup>1</sup> .....	3,008,000	1,676,000	1,332,000	1,277,000	1,731,000	765,000	512,000	911,000	820,000	1,462,000	1,546,000	—	—
2024 <sup>1</sup> .....	3,017,000	1,676,000	1,340,000	1,281,000	1,736,000	765,000	516,000	911,000	825,000	1,466,000	1,551,000	—	—
2025 <sup>1</sup> .....	3,026,000	1,678,000	1,347,000	1,285,000	1,740,000	766,000	519,000	912,000	828,000	1,471,000	1,555,000	—	—
2026 <sup>1</sup> .....	3,039,000	1,683,000	1,356,000	1,291,000	1,747,000	768,000	523,000	915,000	833,000	1,477,000	1,562,000	—	—
2027 <sup>1</sup> .....	3,051,000	1,688,000	1,363,000	1,297,000	1,754,000	770,000	526,000	918,000	836,000	1,483,000	1,568,000	—	—

—Not available.

<sup>1</sup>Projected.

NOTE: Data include unclassified graduate students. Data through 1995 are for institutions of higher education, while later data are for degree-granting institutions. Degree-granting institutions grant associate's or higher degrees and participate in Title IV federal financial aid programs. The degree-granting classification is very similar to the earlier higher education classification, but it includes more 2-year colleges and excludes a few higher education institutions that did not grant degrees. Some data have been revised from previously published figures.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Higher Education General Information Survey (HEGIS), "Fall Enrollment in Colleges and Universities" surveys, 1970 through 1985; Integrated Postsecondary Education Data System (IPEDS), "Fall Enrollment Survey" (IPEDS-EF:86–99); IPEDS Spring 2001 through Spring 2017, Fall Enrollment component; and Enrollment in Degree-Granting Institutions Projection Model, 2000 through 2027. (This table was prepared March 2018.)

**Table 303.90. Fall enrollment and number of degree-granting postsecondary institutions, by control and religious affiliation of institution: Selected years, 1980 through 2016**

Control and religious affiliation of institution	Total enrollment						Enrollment, fall 2016					Number of institutions <sup>1</sup>				
	Fall 1980	Fall 1990	Fall 2000	Fall 2010	Fall 2014	Fall 2015	Total	Full-time		Part-time		Fall 1980	Fall 1990	Fall 2000	Fall 2010	Fall 2016
								Males	Females	Males	Females					
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
<b>All institutions</b> .....	<b>12,096,895</b>	<b>13,818,637</b>	<b>15,312,289</b>	<b>21,019,438</b>	<b>20,209,092</b>	<b>19,988,204</b>	<b>19,841,014</b>	<b>5,473,169</b>	<b>6,653,156</b>	<b>3,162,530</b>	<b>4,552,159</b>	<b>3,226</b>	<b>3,501</b>	<b>4,056</b>	<b>4,589</b>	<b>4,358</b>
Public institutions .....	9,457,394	10,844,717	11,752,786	15,142,171	14,654,660	14,572,843	14,582,972	3,877,818	4,449,732	2,635,602	3,619,820	1,493	1,548	1,676	1,652	1,623
Federal .....	50,989	50,669	16,917	21,610	19,791	19,700	19,806	12,714	5,578	536	978	12	17	12	14	14
State .....	( <sup>2</sup> )	7,181,380	9,548,090	12,364,881	12,075,376	12,045,013	12,086,651	3,418,846	3,951,267	1,979,812	2,736,726	( <sup>2</sup> )	978	1,355	1,331	1,311
Local .....	( <sup>2</sup> )	3,508,941	2,078,090	2,542,044	2,355,812	2,309,275	2,276,275	394,963	432,411	619,741	829,160	( <sup>2</sup> )	523	277	261	257
Other public .....	9,406,405	103,727	109,689	213,636	203,681	198,855	200,240	51,295	60,476	35,513	52,956	1,481	30	32	46	41
Private institutions .....	2,639,501	2,973,920	3,559,503	5,877,267	5,554,432	5,415,361	5,258,042	1,595,351	2,203,424	526,928	932,339	1,733	1,953	2,380	2,937	2,735
Independent nonprofit .....	1,521,614	1,474,818	1,577,242	1,994,900	2,108,562	2,171,490	2,189,746	736,801	920,551	205,641	326,753	795	709	729	736	800
For-profit .....	111,714	213,693	450,084	2,022,785	1,557,183	1,349,470	1,180,245	264,993	474,605	140,005	300,642	164	322	724	1,310	1,054
Religiously affiliated <sup>3</sup> .....	1,006,173	1,285,409	1,532,177	1,859,582	1,888,687	1,894,401	1,888,051	593,557	808,268	181,282	304,944	774	922	927	891	881
Advent Christian Church .....	143	—	—	—	—	—	—	—	—	—	—	1	—	—	—	—
African Methodist Episcopal Zion Church .....	1,091	88	34	1,536	1,683	1,579	1,547	770	733	28	16	3	1	1	3	3
African Methodist Episcopal .....	4,541	3,220	5,980	2,674	2,777	4,359	5,379	1,428	1,498	1,033	1,420	6	5	6	5	6
American Baptist .....	6,131	10,800	15,410	15,120	13,917	13,397	12,803	4,013	5,157	1,217	2,416	11	15	17	18	17
American Evangelical Lutheran Church .....	—	—	743	1,340	1,320	1,373	1,295	606	619	25	45	—	—	1	1	1
American Lutheran and Lutheran Church in America .....	3,092	—	1,460	—	—	—	—	—	—	—	—	3	—	1	—	—
American Lutheran .....	21,608	—	—	—	—	—	—	—	—	—	—	13	—	—	—	—
Assemblies of God Church .....	7,814	8,307	14,272	15,806	15,915	16,599	17,780	5,671	7,420	2,140	2,549	10	11	14	16	14
Baptist .....	38,231	99,510	107,610	174,538	106,907	108,717	111,557	35,309	47,859	11,438	16,951	33	69	68	69	64
Brethren Church .....	3,925	958	2,088	8,506	8,138	8,227	9,135	2,962	3,419	1,455	1,299	3	3	3	3	3
Brethren in Christ Church .....	1,301	2,239	2,797	—	—	—	—	—	—	—	—	1	1	1	—	—
Christian and Missionary Alliance Church .....	1,705	2,519	5,278	6,455	6,361	5,916	6,094	1,780	2,446	734	1,134	3	4	4	4	4
Christian Church (Disciples of Christ) .....	14,913	30,397	35,984	52,839	47,113	46,157	47,970	13,477	20,624	5,952	7,917	12	18	16	18	17
Christian Churches and Churches of Christ ..	1,342	2,263	7,277	10,074	10,349	10,183	10,065	3,696	3,736	1,268	1,365	7	8	18	18	17
Christian Methodist Episcopal .....	2,486	2,174	1,502	4,817	3,857	4,102	4,207	2,142	1,905	86	74	4	4	1	3	3
Christian Reformed Church .....	5,408	4,488	5,999	5,625	5,743	5,748	5,710	2,537	2,683	244	246	3	2	3	3	3
Church of Christ (Scientist) .....	2,773	2,557	—	—	—	—	—	—	—	—	—	6	8	—	—	—
Church of God of Prophecy .....	—	249	—	—	—	—	—	—	—	—	—	—	1	—	—	—
Church of God .....	6,082	5,627	12,540	16,731	17,946	17,745	17,768	5,339	8,270	1,876	2,283	9	9	7	7	9
Church of New Jerusalem .....	170	—	—	—	—	—	—	—	—	—	—	1	—	—	—	—
Church of the Brethren .....	8,482	4,463	4,187	6,154	6,243	6,379	6,484	2,695	3,181	230	378	6	5	4	5	6
Church of the Nazarene .....	11,716	10,779	16,661	21,144	21,563	21,726	22,572	6,391	9,877	2,198	4,106	10	9	12	10	10
Churches of Christ .....	9,343	14,611	30,140	35,538	35,125	35,701	36,299	11,701	15,625	3,398	5,575	9	19	19	17	18
Cumberland Presbyterian .....	594	746	1,112	4,652	6,508	6,585	6,142	1,913	2,646	608	975	2	2	2	2	2
Episcopal Church, Reformed .....	67	—	—	1,221	1,282	1,242	58	336	114	734	1	—	—	—	—	2
Evangelical Christian .....	—	—	—	—	81,459	80,494	77,395	16,115	22,054	15,586	23,640	—	—	—	—	3
Evangelical Congregational Church .....	80	88	148	153	123	124	120	24	17	54	25	1	1	1	1	1
Evangelical Covenant Church of America .....	1,401	1,035	2,387	3,233	3,253	3,225	3,122	794	1,306	322	700	1	1	1	1	2
Evangelical Free Church of America .....	833	2,355	4,022	2,926	2,495	2,490	2,391	728	482	733	448	1	2	3	2	2
Evangelical Lutheran Church .....	743	49,210	49,085	56,162	50,822	50,249	49,861	19,707	25,092	1,859	3,203	3	33	34	33	28
Free Methodist .....	5,543	5,902	7,323	12,270	12,184	11,978	11,324	3,072	6,046	702	1,504	5	3	4	5	5
Free Will Baptist Church .....	1,132	1,177	2,378	528	583	693	713	272	220	123	98	4	3	4	3	3
Friends United Meeting .....	1,109	—	—	—	—	—	—	—	—	—	—	1	—	—	—	—
Friends .....	5,157	5,844	10,898	13,876	12,203	11,651	11,636	4,317	5,103	896	1,320	5	6	8	7	7
General Baptist .....	—	—	—	—	2,086	1,450	1,469	296	324	350	499	—	—	—	—	1

See notes at end of table.

**Table 303.90. Fall enrollment and number of degree-granting postsecondary institutions, by control and religious affiliation of institution: Selected years, 1980 through 2016—Continued**

Control and religious affiliation of institution	Total enrollment						Enrollment, fall 2016					Number of institutions <sup>1</sup>				
	Fall 1980	Fall 1990	Fall 2000	Fall 2010	Fall 2014	Fall 2015	Total	Full-time		Part-time		Fall 1980	Fall 1990	Fall 2000	Fall 2010	Fall 2016
								Males	Females	Males	Females					
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
General Conference Mennonite Church .....	820	1,243	1,059	—	—	—	—	—	—	—	—	2	2	1	—	—
Greek Orthodox .....	204	148	132	220	183	193	195	134	50	8	3	1	1	1	1	1
Interdenominational .....	1,254	11,103	9,788	33,778	39,716	41,813	41,113	12,850	17,318	5,143	5,802	4	17	14	31	34
Jewish .....	5,738	12,217	14,182	12,755	14,894	14,758	13,846	10,051	2,540	362	893	24	63	62	36	34
Latter-Day Saints .....	39,172	42,274	44,680	53,514	71,901	82,143	84,046	25,093	25,305	14,414	19,234	4	4	4	4	4
Lutheran Church—Missouri Synod .....	11,727	13,827	18,866	28,255	36,350	38,050	36,542	8,603	14,884	4,389	8,666	15	14	13	12	12
Lutheran Church in America .....	23,877	5,796	4,322	8,240	8,702	8,613	8,708	3,432	4,347	347	582	20	5	2	3	3
Menonite Brethren Church .....	1,344	1,864	2,390	4,136	4,224	4,071	4,291	1,038	2,018	350	885	3	3	3	3	2
Mennonite Church .....	4,008	2,859	3,553	4,263	4,223	4,193	4,131	1,347	1,884	274	626	6	5	5	6	6
Missionary Church Inc.....	487	699	1,647	2,152	1,792	1,719	1,639	448	736	141	314	1	1	1	1	1
Moravian Church.....	2,434	2,511	2,939	3,095	3,088	3,348	3,513	808	1,814	169	722	2	2	2	2	2
Multiple Protestant denominations .....	5,526	211	4,690	5,350	5,013	4,881	4,758	1,142	1,546	1,202	868	8	1	7	6	6
North American Baptist .....	155	—	124	120	195	201	207	33	23	94	57	1	—	1	1	1
Original Free Will Baptist.....	—	—	—	3,855	3,456	3,371	3,430	590	905	534	1,401	—	—	—	1	1
Pentecostal Holiness Church.....	767	566	976	1,272	1,629	1,630	1,684	764	682	114	124	3	3	2	3	2
Presbyterian .....	—	—	—	—	2,982	2,988	2,965	964	1,453	166	382	—	—	—	—	2
Presbyterian U.S.A. ....	47,144	77,700	78,950	85,719	84,306	84,218	82,220	29,767	38,905	4,209	9,339	57	70	64	58	55
Presbyterian Church in America .....	—	1,877	4,499	2,071	1,714	1,637	1,611	664	620	187	140	—	1	5	2	2
Protestant Episcopal .....	5,396	4,559	5,479	5,006	3,585	3,523	3,687	1,710	1,676	153	148	12	9	12	11	9
Protestant, other .....	4,072	38,136	30,116	13,450	17,572	18,380	19,306	5,534	7,285	2,852	3,635	11	44	34	23	26
Reformed Church in America.....	2,713	5,525	6,002	6,555	6,521	6,291	6,205	2,340	3,151	251	463	4	4	5	5	5
Reformed Presbyterian Church.....	2,014	1,556	2,355	2,982	2,546	2,561	2,585	1,045	1,071	282	187	4	2	2	3	3
Reorganized Latter-Day Saints Church .....	4,274	4,793	3,390	—	—	—	—	—	—	—	—	2	1	2	—	—
Roman Catholic .....	422,842	530,585	636,336	751,091	734,410	729,936	720,769	218,722	322,828	59,828	119,391	229	239	239	237	233
Russian Orthodox .....	47	38	106	60	88	77	75	65	6	4	0	1	1	1	1	1
Seventh-Day Adventists.....	19,168	15,771	19,223	25,430	24,918	24,277	23,914	7,713	10,944	1,906	3,351	11	11	13	14	13
Southern Baptist .....	85,281	49,493	54,275	49,936	55,323	54,955	55,324	16,137	20,284	7,982	10,921	54	29	32	22	23
Udenominational .....	—	6,758	23,573	27,748	32,811	33,487	34,998	8,239	12,451	5,828	8,480	—	14	16	16	19
Unitarian Universalist .....	87	82	132	166	174	183	181	29	71	25	56	2	2	2	2	2
United Brethren Church .....	545	601	938	1,260	1,209	1,252	1,295	461	674	76	84	1	1	1	1	1
United Church of Christ .....	14,169	20,175	23,709	20,537	16,604	16,248	15,641	5,063	6,142	1,536	2,900	16	18	18	17	14
United Methodist .....	127,099	148,851	171,109	206,744	203,488	200,314	200,702	73,262	94,421	12,039	20,980	91	96	100	96	94
Wesleyan Church.....	3,583	5,311	11,128	20,670	19,868	19,726	19,240	5,364	10,491	1,158	2,227	5	4	4	6	7
Wisconsin Evangelical Lutheran Synod.....	808	931	1,660	1,677	2,036	2,088	2,051	747	894	197	213	1	3	2	2	2
Other religiously affiliated .....	462	5,743	2,534	4,778	5,272	5,147	5,099	1,585	2,171	393	950	1	9	4	11	10

—Not available.

<sup>1</sup>Counts of institutions in this table may be lower than reported in other tables, because counts in this table include only institutions reporting separate enrollment data.

<sup>2</sup>Included under "Other public."

<sup>3</sup>Religious affiliation as reported by institution.

NOTE: Data for 1980 and 1990 are for institutions of higher education, while later data are for degree-granting institutions. Degree-granting institutions grant associate's or higher degrees and participate in Title IV federal financial aid programs. The degree-granting classification is very similar to the earlier higher education classification, but it includes more 2-year colleges

and excludes a few higher education institutions that did not grant degrees. Some data have been revised from previously published figures.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Higher Education General Information Survey (HEGIS), "Fall Enrollment in Institutions of Higher Education" and "Institutional Characteristics" surveys, 1980; Integrated Postsecondary Education Data System (IPEDS), "Fall Enrollment Survey" (IPEDS-EF:90) and "Institutional Characteristics Survey" (IPEDS-IC:90); and IPEDS Spring 2001 through Spring 2017, Fall Enrollment component. (This table was prepared August 2018.)

**Table 304.10. Total fall enrollment in degree-granting postsecondary institutions, by state or jurisdiction: Selected years, 1970 through 2016**

State or jurisdiction	1970	1980	1990	2000	2010	2011	2013	2014	2015	2016	Percent change, 2011 to 2016
1	2	3	4	5	6	7	8	9	10	11	12
<b>United States</b> .....	<b>8,580,887</b>	<b>12,096,895</b>	<b>13,818,637</b>	<b>15,312,289</b>	<b>21,019,438</b>	<b>21,010,590</b>	<b>20,376,677</b>	<b>20,209,092</b>	<b>19,988,204</b>	<b>19,841,014</b>	<b>-5.6</b>
Alabama .....	103,936	164,306	218,589	233,962	327,606	320,349	305,817	305,028	302,959	304,052	-5.1
Alaska .....	9,471	21,296	29,833	27,953	34,799	34,932	34,890	34,331	31,373	28,446	-18.6
Arizona .....	109,619	202,716	264,148	342,490	793,871	796,974	693,714	674,746	650,422	608,084	-23.7
Arkansas.....	52,039	77,607	90,425	115,172	175,848	179,345	172,432	169,571	168,402	167,320	-6.7
California .....	1,257,245	1,790,993	1,808,740	2,256,708	2,714,699	2,691,852	2,641,331	2,697,168	2,687,410	2,700,106	0.3
Colorado.....	123,395	162,916	227,131	263,872	369,450	365,939	358,330	353,949	348,159	352,296	-3.7
Connecticut.....	124,700	159,632	168,604	161,243	199,384	201,638	201,028	201,928	199,666	198,011	-1.8
Delaware.....	25,260	32,939	42,004	43,897	55,258	56,547	59,615	60,437	60,392	61,139	8.1
District of Columbia .....	77,158	86,675	79,551	72,689	91,992	90,245	89,257	90,053	93,972	93,040	3.1
Florida.....	235,525	411,891	588,086	707,684	1,124,778	1,149,160	1,125,872	1,111,018	1,083,570	1,075,496	-6.4
Georgia.....	126,511	184,159	251,786	346,204	568,916	565,414	533,425	530,963	530,711	532,907	-5.7
Hawaii .....	36,562	47,181	56,436	60,182	78,073	79,006	76,434	73,505	69,332	65,858	-16.6
Idaho.....	34,567	43,018	51,881	65,594	85,201	90,142	109,044	118,953	121,109	123,796	37.3
Illinois.....	452,146	644,245	729,246	743,918	906,845	892,452	842,888	825,002	802,211	777,720	-12.9
Indiana.....	192,668	247,253	284,832	314,334	459,493	457,506	444,409	436,455	426,364	419,203	-8.4
Iowa.....	108,902	140,449	170,515	188,974	381,867	372,146	339,738	282,518	275,106	266,513	-28.4
Kansas.....	102,485	136,605	163,733	179,968	214,849	216,662	215,855	226,290	219,994	214,301	-1.1
Kentucky.....	98,591	143,066	177,852	188,341	291,104	293,766	273,073	264,197	255,722	255,072	-13.2
Louisiana.....	120,728	160,058	186,840	223,800	263,676	265,740	251,935	245,938	245,305	239,287	-10.0
Maine.....	34,134	43,264	57,186	58,473	72,406	72,297	72,412	71,750	71,719	72,116	-0.3
Maryland.....	149,607	225,526	259,700	273,745	377,967	380,097	363,699	365,597	364,225	365,667	-3.8
Massachusetts.....	303,809	418,415	417,833	421,142	507,753	508,546	513,964	511,060	510,512	505,723	-0.6
Michigan.....	392,726	520,131	569,803	567,631	697,765	685,420	643,575	619,962	601,462	583,035	-14.9
Minnesota.....	160,788	206,691	253,789	293,445	465,449	457,737	441,637	433,948	430,466	422,792	-7.6
Mississippi.....	73,967	102,364	122,883	137,389	179,995	180,576	173,084	170,724	174,183	172,712	-4.4
Missouri.....	183,930	234,421	289,899	321,348	444,750	456,994	438,446	419,935	409,999	401,094	-12.2
Montana.....	30,062	35,177	35,876	42,240	53,282	54,042	52,777	51,942	50,799	50,916	-5.8
Nebraska.....	66,915	89,488	112,831	112,117	144,692	142,875	137,943	135,825	136,091	136,102	-4.7
Nevada.....	13,669	40,455	61,728	87,893	129,360	121,013	116,738	119,205	116,101	116,030	-4.1
New Hampshire.....	29,400	46,794	59,510	61,718	75,539	77,436	92,440	106,559	123,508	133,136	71.9
New Jersey.....	216,121	321,610	324,286	335,945	444,092	443,750	436,939	436,249	423,759	421,377	-5.0
New Mexico.....	44,461	58,283	85,500	110,739	162,552	159,058	153,455	146,246	138,248	134,607	-15.4
New York.....	806,479	992,237	1,048,286	1,043,395	1,305,151	1,318,076	1,305,121	1,298,972	1,285,406	1,273,651	-3.4
North Carolina.....	171,925	287,537	352,138	404,652	585,792	585,013	575,020	569,955	562,442	561,496	-4.0
North Dakota.....	31,495	34,069	37,878	40,248	56,903	56,482	55,030	54,048	53,834	54,203	-4.0
Ohio.....	376,267	489,145	557,690	549,553	745,115	735,034	696,912	680,558	664,623	658,229	-10.4
Oklahoma.....	110,155	160,295	173,221	178,016	230,560	230,176	220,897	215,410	211,117	208,345	-9.5
Oregon.....	122,177	157,458	165,741	183,065	251,708	259,064	251,087	245,547	240,649	236,235	-8.8
Pennsylvania.....	411,044	507,716	604,060	609,521	804,640	787,960	765,581	750,376	736,163	725,770	-7.9
Rhode Island.....	45,898	66,869	78,273	75,450	85,110	84,647	83,460	83,499	82,292	83,348	-1.5
South Carolina.....	69,518	132,476	159,302	185,931	257,064	260,002	257,844	254,629	249,655	246,563	-5.2
South Dakota.....	30,639	32,761	34,208	43,221	58,360	55,899	55,129	53,961	53,664	53,685	-4.0
Tennessee.....	135,103	204,581	226,238	263,910	351,762	350,186	338,197	326,623	323,869	321,751	-8.1
Texas.....	442,225	701,391	901,437	1,033,973	1,535,864	1,564,208	1,541,279	1,556,288	1,579,614	1,603,259	2.5
Utah.....	81,687	93,987	121,303	163,776	255,653	264,394	261,897	274,926	292,995	311,534	17.8
Vermont.....	22,209	30,628	36,398	35,489	45,572	45,143	43,536	43,980	43,865	44,719	-0.9
Virginia.....	151,915	280,504	353,442	381,893	577,922	589,145	583,755	577,911	569,752	557,461	-5.4
Washington.....	183,544	303,603	263,384	320,840	388,116	372,839	363,377	365,186	364,844	366,162	-1.8
West Virginia.....	63,153	81,973	84,790	87,888	152,431	162,347	157,952	157,052	150,897	146,358	-9.8
Wisconsin.....	202,058	269,086	299,774	307,179	384,181	376,535	362,379	358,924	350,255	341,859	-9.2
Wyoming.....	15,220	21,147	31,326	30,004	38,298	38,092	37,031	35,461	34,205	33,365	-12.4
U.S. Service Academies <sup>1</sup> .....	17,079	49,808	48,692	13,475	15,925	15,692	14,997	14,734	14,812	15,067	-4.0
<b>Other jurisdictions</b> .....	<b>67,237</b>	<b>137,749</b>	<b>164,618</b>	<b>194,633</b>	<b>264,240</b>	<b>267,159</b>	<b>254,543</b>	<b>255,837</b>	<b>247,886</b>	<b>241,963</b>	<b>-9.4</b>
American Samoa.....	0	976	1,219	297	2,193	2,091	1,488	1,276	1,285	1,253	-40.1
Federated States of Micronesia.....	0	224	975	1,576	2,699	2,915	2,446	2,344	2,215	2,090	-28.3
Guam.....	2,719	3,217	4,741	5,215	6,188	6,360	6,518	6,488	6,395	6,084	-4.3
Marshall Islands.....	0	0	0	328	869	989	1,000	1,087	995	1,008	1.9
Northern Marianas.....	0	0	661	1,078	1,137	1,046	1,109	1,186	1,157	1,038	-0.8
Palau.....	0	0	491	581	694	742	646	604	627	587	-20.9
Puerto Rico.....	63,073	131,184	154,065	183,290	247,727	250,402	239,015	240,572	232,891	227,533	-9.1
U.S. Virgin Islands.....	1,445	2,148	2,466	2,268	2,733	2,614	2,321	2,280	2,321	2,370	-9.3

<sup>1</sup>Data for 2000 and later years reflect a substantial reduction in the number of Department of Defense institutions included in the IPEDS survey.  
NOTE: Data through 1990 are for institutions of higher education, while later data are for degree-granting institutions. Degree-granting institutions grant associate's or higher degrees and participate in Title IV federal financial aid programs. The degree-granting classification is very similar to the earlier higher education classification, but it includes more 2-year colleges

and excludes a few higher education institutions that did not grant degrees. Some data have been revised from previously published figures.  
SOURCE: U.S. Department of Education, National Center for Education Statistics, Higher Education General Information Survey (HEGIS), "Fall Enrollment in Colleges and Universities" surveys, 1970 and 1980; Integrated Postsecondary Education Data System (IPEDS), "Fall Enrollment Survey" (IPEDS-EF-90); and IPEDS Spring 2001 through Spring 2017, Fall Enrollment component. (This table was prepared January 2018.)

**Table 304.15. Total fall enrollment in public degree-granting postsecondary institutions, by state or jurisdiction: Selected years, 1970 through 2016**

State or jurisdiction	1970	1980	1990	2000	2010	2011	2013	2014	2015	2016	Percent change, 2011 to 2016
1	2	3	4	5	6	7	8	9	10	11	12
<b>United States</b> .....	<b>6,428,134</b>	<b>9,457,394</b>	<b>10,844,717</b>	<b>11,752,786</b>	<b>15,142,171</b>	<b>15,116,303</b>	<b>14,746,848</b>	<b>14,654,660</b>	<b>14,572,843</b>	<b>14,582,972</b>	<b>-3.5</b>
Alabama .....	87,884	143,674	195,939	207,435	267,083	260,523	248,296	246,989	247,450	251,038	-3.6
Alaska .....	8,563	20,561	27,792	26,559	32,303	32,158	31,600	29,892	28,429	27,352	-14.9
Arizona .....	107,315	194,034	248,213	284,522	366,976	366,116	354,485	354,997	360,976	361,400	-1.3
Arkansas .....	43,599	66,068	78,645	101,775	155,780	158,824	153,898	151,399	150,165	149,383	-5.9
California .....	1,123,529	1,599,838	1,594,710	1,927,771	2,223,163	2,181,675	2,151,521	2,167,818	2,202,258	2,228,932	2.2
Colorado .....	108,522	145,598	200,653	217,897	269,433	269,298	271,223	268,041	265,288	272,667	1.3
Connecticut .....	73,391	97,788	109,556	101,027	127,194	126,487	123,093	122,303	119,766	117,345	-7.2
Delaware .....	21,151	28,325	34,252	34,194	39,935	40,729	40,992	41,012	40,611	41,816	2.7
District of Columbia .....	12,194	13,900	11,990	5,499	5,840	5,312	5,347	5,115	5,118	4,587	-13.6
Florida .....	189,450	334,349	489,081	556,912	790,027	803,200	795,860	795,628	794,390	797,048	-0.8
Georgia .....	101,900	140,158	196,413	271,755	436,047	428,708	413,706	413,711	417,860	422,159	-1.5
Hawaii .....	32,963	43,269	45,728	44,579	60,090	60,330	58,941	57,052	55,756	53,418	-11.5
Idaho .....	27,072	34,491	41,315	53,751	64,204	65,753	75,910	76,806	72,339	74,667	13.6
Illinois .....	315,634	491,274	551,333	534,155	585,515	577,043	546,483	529,462	509,104	492,578	-14.6
Indiana .....	136,739	189,224	223,953	240,023	337,705	339,946	335,923	328,442	321,501	319,581	-6.0
Iowa .....	68,390	97,454	117,834	135,008	177,781	178,491	168,644	169,896	171,005	171,075	-4.2
Kansas .....	88,215	121,987	149,117	159,976	185,623	186,475	184,075	183,084	179,532	180,170	-3.4
Kentucky .....	77,240	114,884	147,095	151,973	229,725	233,427	218,472	213,043	205,908	205,431	-12.0
Louisiana .....	101,127	136,703	158,290	189,213	224,811	225,210	215,701	210,943	212,098	208,254	-7.5
Maine .....	25,405	31,878	41,500	40,662	50,903	50,253	49,602	48,354	47,408	47,763	-5.0
Maryland .....	118,988	195,051	220,783	223,797	309,779	314,383	301,565	305,156	303,849	305,750	-2.7
Massachusetts .....	116,127	183,765	186,035	183,248	224,542	227,006	228,253	226,213	222,243	218,465	-3.8
Michigan .....	339,625	454,147	487,359	467,861	562,448	554,704	527,745	514,712	501,411	492,772	-11.2
Minnesota .....	130,567	162,379	199,211	218,617	276,176	274,192	266,440	259,695	256,187	253,238	-7.6
Mississippi .....	64,968	90,661	109,038	125,355	161,493	161,842	154,366	152,092	155,334	153,205	-5.3
Missouri .....	132,540	165,179	200,093	201,509	256,030	260,585	254,650	252,980	248,516	244,924	-6.0
Montana .....	27,287	31,178	31,865	37,387	48,231	48,912	47,851	47,024	45,935	46,260	-5.4
Nebraska .....	51,454	73,509	94,614	88,531	107,979	106,794	101,893	99,821	100,030	101,032	-5.4
Nevada .....	13,576	40,280	61,242	83,120	113,103	105,048	102,538	106,028	104,418	106,196	1.1
New Hampshire .....	15,979	24,119	32,163	35,870	44,077	43,325	42,711	42,904	42,628	41,170	-5.0
New Jersey .....	145,373	247,028	261,601	266,921	358,256	359,458	352,822	351,357	339,722	337,090	-6.2
New Mexico .....	40,795	55,077	83,403	101,450	150,844	148,018	144,381	138,311	131,343	129,038	-12.8
New York .....	449,437	563,251	616,884	583,417	723,500	731,914	720,948	721,850	709,243	700,892	-4.2
North Carolina .....	123,761	228,154	285,405	329,422	475,064	470,989	460,125	455,100	448,055	450,162	-4.4
North Dakota .....	30,192	31,709	34,690	36,014	48,904	49,578	48,718	48,292	48,191	47,964	-3.3
Ohio .....	281,099	381,765	427,613	411,161	547,551	542,733	520,039	510,244	501,677	501,474	-7.6
Oklahoma .....	91,438	137,188	151,073	153,699	197,641	197,373	187,078	182,449	179,008	177,641	-10.0
Oregon .....	108,483	140,102	144,427	154,756	208,001	215,469	208,317	201,645	197,948	197,198	-8.5
Pennsylvania .....	232,982	292,499	343,478	339,229	432,923	428,335	419,856	413,591	408,522	406,345	-5.1
Rhode Island .....	25,527	35,052	42,350	38,458	43,224	43,254	42,786	42,765	41,320	41,369	-4.4
South Carolina .....	47,101	107,683	131,134	155,519	205,080	208,302	207,717	205,756	202,487	200,295	-3.8
South Dakota .....	23,936	24,328	26,596	34,857	44,569	43,729	44,272	44,132	44,254	44,305	1.3
Tennessee .....	98,897	156,835	175,409	202,530	242,486	241,917	229,302	224,033	223,411	221,288	-8.5
Texas .....	365,522	613,552	802,314	896,534	1,334,110	1,366,829	1,349,490	1,365,664	1,388,266	1,420,974	4.0
Utah .....	49,588	59,598	86,108	123,046	179,061	179,208	168,311	167,716	170,689	175,308	-2.2
Vermont .....	12,536	17,984	20,910	20,021	27,524	27,132	25,852	25,643	25,383	25,736	-5.1
Virginia .....	123,279	246,500	291,286	313,780	409,004	413,761	405,915	399,359	394,210	389,446	-5.9
Washington .....	162,718	276,028	227,632	273,928	330,853	317,066	310,192	312,523	313,964	315,356	-0.5
West Virginia .....	51,363	71,228	74,108	76,136	96,104	95,634	90,780	87,842	86,342	85,104	-11.0
Wisconsin .....	170,374	235,179	253,529	249,737	301,259	296,795	287,619	286,726	282,250	278,442	-6.2
Wyoming .....	15,220	21,121	30,623	28,715	36,292	36,368	35,547	34,316	33,693	32,802	-9.8
U.S. Service Academies <sup>1</sup> .....	17,079	49,808	48,692	13,475	15,925	15,692	14,997	14,734	14,812	15,067	-4.0
<b>Other jurisdictions</b> .....	<b>46,680</b>	<b>60,692</b>	<b>66,244</b>	<b>84,464</b>	<b>83,719</b>	<b>78,928</b>	<b>78,136</b>	<b>77,716</b>	<b>80,129</b>	<b>81,509</b>	<b>3.3</b>
American Samoa .....	0	976	1,219	297	2,193	2,091	1,488	1,276	1,285	1,253	-40.1
Federated States of Micronesia .....	0	224	975	1,576	2,699	2,915	2,446	2,344	2,215	2,090	-28.3
Guam .....	2,719	3,217	4,741	5,215	6,103	6,274	6,439	6,416	6,325	6,017	-4.1
Marshall Islands .....	0	0	0	328	869	989	1,000	1,087	995	1,008	1.9
Northern Marianas .....	0	0	661	1,078	1,137	1,046	1,109	1,186	1,157	1,038	-0.8
Palau .....	0	0	491	581	694	742	646	604	627	587	-20.9
Puerto Rico .....	42,516	54,127	55,691	73,121	67,291	62,257	62,687	62,523	65,204	67,146	7.9
U.S. Virgin Islands .....	1,445	2,148	2,466	2,268	2,733	2,614	2,321	2,280	2,321	2,370	-9.3

<sup>1</sup>Data for 2000 and later years reflect a substantial reduction in the number of Department of Defense institutions included in the IPEDS survey.  
NOTE: Data through 1990 are for institutions of higher education, while later data are for degree-granting institutions. Degree-granting institutions grant associate's or higher degrees and participate in Title IV federal financial aid programs. The degree-granting classification is very similar to the earlier higher education classification, but it includes more 2-year colleges

and excludes a few higher education institutions that did not grant degrees. Some data have been revised from previously published figures.  
SOURCE: U.S. Department of Education, National Center for Education Statistics, Higher Education General Information Survey (HEGIS), "Fall Enrollment in Colleges and Universities" surveys, 1970 and 1980; Integrated Postsecondary Education Data System (IPEDS), "Fall Enrollment Survey" (IPEDS-EF:90); and IPEDS Spring 2001 through Spring 2017, Fall Enrollment component. (This table was prepared January 2018.)

**Table 304.20. Total fall enrollment in private degree-granting postsecondary institutions, by state or jurisdiction: Selected years, 1970 through 2016**

State or jurisdiction	1970	1980	1990	2000	2010	2011	2013	2014	2015	2016	Percent change, 2011 to 2016
1	2	3	4	5	6	7	8	9	10	11	12
<b>United States</b> .....	<b>2,152,753</b>	<b>2,639,501</b>	<b>2,973,920</b>	<b>3,559,503</b>	<b>5,877,267</b>	<b>5,894,287</b>	<b>5,629,829</b>	<b>5,554,432</b>	<b>5,415,361</b>	<b>5,258,042</b>	<b>-10.8</b>
Alabama.....	16,052	20,632	22,650	26,527	60,523	59,826	57,521	58,039	55,509	53,014	-11.4
Alaska.....	908	735	2,041	1,394	2,496	2,774	3,290	4,439	2,944	1,094	-60.6
Arizona.....	2,304	8,682	15,935	57,968	426,895	430,858	339,229	319,749	289,446	246,684	-42.7
Arkansas.....	8,440	11,539	11,780	13,397	20,068	20,521	18,534	18,172	18,237	17,937	-12.6
California.....	133,716	191,155	214,030	328,937	491,536	510,177	489,810	529,350	485,152	471,174	-7.6
Colorado.....	14,833	17,318	26,478	45,975	100,017	96,641	87,107	85,908	82,331	79,629	-17.6
Connecticut.....	51,309	61,844	59,048	60,216	72,190	75,151	77,935	79,625	79,900	80,666	7.3
Delaware.....	4,109	4,614	7,752	9,703	15,323	15,818	18,623	19,425	19,781	19,323	22.2
District of Columbia.....	64,964	72,775	67,561	67,190	86,152	84,933	83,910	84,938	88,854	88,453	4.1
Florida.....	46,075	77,542	99,005	150,772	334,751	345,960	330,012	315,390	289,180	278,448	-19.5
Georgia.....	24,611	44,001	55,373	74,449	132,869	136,706	119,719	117,252	112,851	110,748	-19.0
Hawaii.....	3,599	3,912	10,708	15,603	17,983	18,676	17,493	16,453	13,576	12,440	-33.4
Idaho.....	7,495	8,527	10,566	11,843	20,997	24,389	33,134	42,147	48,770	49,129	101.4
Illinois.....	136,512	152,971	177,913	209,763	321,330	315,409	296,405	295,540	293,107	285,142	-9.6
Indiana.....	55,929	58,029	60,879	74,311	121,788	117,560	108,486	108,013	104,863	99,622	-15.3
Iowa.....	40,512	42,995	52,681	53,966	204,086	193,655	171,094	112,622	104,101	95,438	-50.7
Kansas.....	14,270	14,618	14,616	19,992	29,226	30,187	31,780	43,206	40,462	34,131	13.1
Kentucky.....	21,351	28,182	30,757	36,368	61,379	60,339	54,601	51,154	49,814	49,641	-17.7
Louisiana.....	19,601	23,355	28,550	34,587	38,865	40,530	36,234	34,995	33,207	31,033	-23.4
Maine.....	8,729	11,386	15,686	17,811	21,503	22,044	22,810	23,396	24,311	24,353	10.5
Maryland.....	30,619	30,475	38,917	49,948	68,188	65,714	62,134	60,441	60,376	59,917	-8.8
Massachusetts.....	187,682	234,650	231,798	237,894	283,211	281,540	285,711	284,847	288,269	287,258	2.0
Michigan.....	53,101	65,984	82,444	99,770	135,317	130,716	115,830	105,250	100,071	90,263	-30.9
Minnesota.....	30,221	44,312	54,578	74,828	189,273	183,545	175,197	174,253	174,279	169,554	-7.6
Mississippi.....	8,999	11,703	13,845	12,034	18,502	18,734	18,718	18,632	18,849	19,507	4.1
Missouri.....	51,390	69,242	89,806	119,839	188,720	196,409	183,796	166,955	161,483	156,170	-20.5
Montana.....	2,775	3,999	4,011	4,853	5,051	5,130	4,926	4,918	4,864	4,656	-9.2
Nebraska.....	15,461	15,979	18,217	23,586	36,713	36,081	36,050	36,004	36,061	35,070	-2.8
Nevada.....	93	175	486	4,773	16,257	15,965	14,200	13,177	11,683	9,834	-38.4
New Hampshire.....	13,421	22,675	27,347	25,848	31,462	34,111	49,729	63,655	80,880	91,966	169.6
New Jersey.....	70,748	74,582	62,685	69,024	85,836	84,292	84,117	84,892	84,037	84,287	#
New Mexico.....	3,666	3,206	2,097	9,289	11,708	11,040	9,074	7,935	6,905	5,569	-49.6
New York.....	357,042	428,986	431,402	459,978	581,651	586,162	584,173	577,122	576,163	572,759	-2.3
North Carolina.....	48,164	59,383	66,733	75,230	110,728	114,024	114,895	114,855	114,387	111,334	-2.4
North Dakota.....	1,303	2,360	3,188	4,234	7,999	6,904	6,312	5,756	5,643	6,239	-9.6
Ohio.....	95,168	107,380	130,077	138,392	197,564	192,301	176,873	170,314	162,946	156,755	-18.5
Oklahoma.....	18,717	23,107	22,148	24,317	32,919	32,803	33,819	32,961	32,109	30,704	-6.4
Oregon.....	13,694	17,356	21,314	28,309	43,707	43,595	42,770	43,902	42,701	39,037	-10.5
Pennsylvania.....	178,062	215,217	260,582	270,292	371,717	359,625	345,725	336,785	327,641	319,425	-11.2
Rhode Island.....	20,371	31,817	35,923	36,992	41,886	41,393	40,674	40,734	40,972	41,979	1.4
South Carolina.....	22,417	24,793	28,168	30,412	51,984	51,700	50,127	48,873	47,168	46,268	-10.5
South Dakota.....	6,703	8,433	7,612	8,364	13,791	12,170	10,857	9,829	9,410	9,380	-22.9
Tennessee.....	36,206	47,746	51,189	61,380	109,276	108,269	108,895	102,590	100,458	100,463	-7.2
Texas.....	76,703	87,839	99,123	137,439	201,754	197,379	191,789	190,624	191,348	182,285	-7.6
Utah.....	32,099	34,389	35,195	40,730	76,592	85,186	93,586	107,210	122,306	136,226	59.9
Vermont.....	9,673	12,644	15,488	15,468	18,048	18,011	17,684	18,337	18,482	18,983	5.4
Virginia.....	28,636	34,004	62,156	68,113	168,918	175,384	177,840	178,552	175,542	168,015	-4.2
Washington.....	20,826	27,575	35,752	46,912	57,263	55,773	53,185	52,663	50,880	50,806	-8.9
West Virginia.....	11,790	10,745	10,682	11,752	56,327	66,713	67,172	69,210	64,555	61,254	-8.2
Wisconsin.....	31,684	33,907	46,245	57,442	82,922	79,740	74,760	72,198	68,005	63,417	-20.5
Wyoming.....	0	26	703	1,289	2,006	1,724	1,484	1,145	512	563	-67.3
<b>Other jurisdictions</b> .....	<b>20,557</b>	<b>77,057</b>	<b>98,374</b>	<b>110,169</b>	<b>180,521</b>	<b>188,231</b>	<b>176,407</b>	<b>178,121</b>	<b>167,757</b>	<b>160,454</b>	<b>-14.8</b>
American Samoa.....	0	0	0	0	0	0	0	0	0	0	†
Federated States of Micronesia.....	0	0	0	0	0	0	0	0	0	0	†
Guam.....	0	0	0	0	85	86	79	72	70	67	-22.1
Marshall Islands.....	0	0	0	0	0	0	0	0	0	0	†
Northern Marianas.....	0	0	0	0	0	0	0	0	0	0	†
Palau.....	0	0	0	0	0	0	0	0	0	0	†
Puerto Rico.....	20,557	77,057	98,374	110,169	180,436	188,145	176,328	178,049	167,687	160,387	-14.8
U.S. Virgin Islands.....	0	0	0	0	0	0	0	0	0	0	†

†Not applicable.

#Rounds to zero.

NOTE: Data through 1990 are for institutions of higher education, while later data are for degree-granting institutions. Degree-granting institutions grant associate's or higher degrees and participate in Title IV federal financial aid programs. The degree-granting classification is very similar to the earlier higher education classification, but it includes more 2-year colleges

and excludes a few higher education institutions that did not grant degrees. Some data have been revised from previously published figures.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Higher Education General Information Survey (HEGIS), "Fall Enrollment in Colleges and Universities" surveys, 1970 and 1980; Integrated Postsecondary Education Data System (IPEDS), "Fall Enrollment Survey" (IPEDS-EF-90); and IPEDS Spring 2001 through Spring 2017, Fall Enrollment component. (This table was prepared January 2018.)

**Table 304.30. Total fall enrollment in degree-granting postsecondary institutions, by attendance status, sex, and state or jurisdiction: 2015 and 2016**

State or jurisdiction	2015					2016					Percent change in total, 2015 to 2016
	Total	Full-time		Part-time		Total	Full-time		Part-time		
		Males	Females	Males	Females		Males	Females	Males	Females	
1	2	3	4	5	6	7	8	9	10	11	12
<b>United States</b>	<b>19,988,204</b>	<b>5,558,447</b>	<b>6,729,065</b>	<b>3,165,372</b>	<b>4,535,320</b>	<b>19,841,014</b>	<b>5,473,169</b>	<b>6,653,156</b>	<b>3,162,530</b>	<b>4,552,159</b>	<b>-0.7</b>
Alabama	302,959	90,542	115,892	40,216	56,309	304,052	91,869	117,075	39,134	55,974	0.4
Alaska	31,373	6,557	8,468	5,999	10,349	28,446	5,806	6,749	5,768	10,123	-9.3
Arizona	650,422	164,457	244,660	91,612	149,693	608,084	149,951	217,019	90,974	150,140	-6.5
Arkansas	168,402	46,411	59,430	24,463	38,098	167,320	46,023	59,110	24,338	37,849	-0.6
California	2,687,410	667,910	818,054	551,547	649,899	2,700,106	661,379	818,699	558,834	661,194	0.5
Colorado	348,159	93,816	105,584	61,528	87,231	352,296	94,600	106,908	61,372	89,416	1.2
Connecticut	199,666	59,307	69,800	26,728	43,831	198,011	58,734	70,068	26,241	42,968	-0.8
Delaware	60,392	16,197	21,339	8,260	14,596	61,139	16,446	21,321	8,069	15,303	1.2
District of Columbia	93,972	26,278	37,458	11,747	18,489	93,040	25,872	36,932	11,713	18,523	-1.0
Florida	1,083,570	270,475	343,067	188,289	281,739	1,075,496	264,549	341,504	187,721	281,722	-0.7
Georgia	530,711	146,601	198,652	70,961	114,497	532,907	145,623	197,797	72,245	117,242	0.4
Hawaii	69,332	17,359	23,214	11,682	17,077	65,858	16,287	22,053	10,942	16,576	-5.0
Idaho	121,109	28,981	32,314	24,150	35,664	123,796	28,030	31,668	25,865	38,233	2.2
Illinois	802,211	214,990	249,017	132,957	205,247	777,720	208,183	240,803	128,548	200,186	-3.1
Indiana	426,364	126,503	148,446	64,330	87,085	419,203	123,750	144,478	63,917	87,058	-1.7
Iowa	275,106	76,213	83,829	43,214	71,850	266,513	75,093	81,293	42,315	67,812	-3.1
Kansas	219,994	63,666	69,568	37,041	49,719	214,301	61,391	66,095	36,796	50,019	-2.6
Kentucky	255,722	70,099	91,745	38,570	55,308	255,072	68,400	90,230	40,013	56,429	-0.3
Louisiana	245,305	70,076	95,779	30,228	49,222	239,287	67,141	92,618	29,644	49,884	-2.5
Maine	71,719	19,950	24,649	9,647	17,473	72,116	19,652	24,327	9,782	18,355	0.6
Maryland	364,225	88,472	102,926	72,202	100,625	365,667	87,685	102,315	75,129	100,538	0.4
Massachusetts	510,512	161,101	191,497	60,607	97,307	505,723	160,457	191,157	58,698	95,411	-0.9
Michigan	601,462	166,098	186,691	104,866	143,807	583,035	162,282	182,909	101,249	136,595	-3.1
Minnesota	430,466	100,594	131,513	69,307	129,052	422,792	97,357	128,040	68,513	128,882	-1.8
Mississippi	174,183	54,008	79,069	14,489	26,617	172,712	53,831	76,367	15,230	27,284	-0.8
Missouri	409,999	116,191	138,851	61,799	93,158	401,094	110,511	132,960	63,179	94,444	-2.2
Montana	50,799	18,240	18,524	5,518	8,517	50,916	17,920	18,147	5,860	8,989	0.2
Nebraska	136,091	41,017	47,732	19,541	27,801	136,102	40,771	47,380	19,743	28,208	#
Nevada	116,101	27,704	34,891	22,687	30,819	116,030	26,799	35,043	22,651	31,537	-0.1
New Hampshire	123,508	30,442	38,592	19,552	34,922	133,136	30,734	40,044	21,601	40,757	7.8
New Jersey	423,759	132,173	144,337	61,452	85,797	421,377	131,266	143,003	61,159	85,949	-0.6
New Mexico	138,248	31,796	39,032	26,966	40,454	134,607	30,230	37,689	26,360	40,328	-2.6
New York	1,285,406	408,948	491,970	153,161	231,327	1,273,651	403,888	489,750	151,481	228,532	-0.9
North Carolina	562,442	157,195	203,582	77,763	123,902	561,496	157,190	203,582	76,382	124,342	-0.2
North Dakota	53,834	19,049	18,384	7,507	8,894	54,203	19,126	18,456	7,617	9,004	0.7
Ohio	664,623	199,094	227,751	95,138	142,640	658,229	195,677	222,269	95,449	144,834	-1.0
Oklahoma	211,117	63,513	74,226	29,104	44,274	208,345	62,983	73,602	28,609	43,151	-1.3
Oregon	240,649	68,217	81,203	40,473	50,756	236,235	67,050	79,288	40,391	49,506	-1.8
Pennsylvania	736,163	249,176	284,329	76,595	126,063	725,770	245,318	281,327	74,599	124,526	-1.4
Rhode Island	82,292	27,633	34,108	7,849	12,702	83,348	27,555	34,499	8,057	13,237	1.3
South Carolina	249,655	75,864	96,635	27,879	49,277	246,563	74,791	96,087	26,722	48,963	-1.2
South Dakota	53,664	16,464	17,013	7,632	12,555	53,685	16,215	16,749	7,920	12,801	#
Tennessee	323,869	102,400	129,823	35,572	56,074	321,751	100,574	129,330	35,332	56,515	-0.7
Texas	1,579,614	383,195	450,694	309,178	436,547	1,603,259	385,510	454,104	315,155	448,490	1.5
Utah	292,995	96,105	112,062	41,062	43,766	311,534	98,997	124,708	42,299	45,530	6.3
Vermont	43,865	15,844	16,186	4,481	7,354	44,719	15,816	16,470	4,929	7,504	1.9
Virginia	569,752	157,024	190,958	90,093	131,677	557,461	153,607	187,270	87,620	128,964	-2.2
Washington	364,844	115,036	134,501	49,828	65,479	366,162	115,188	136,522	49,318	65,134	0.4
West Virginia	150,897	36,660	40,692	40,454	33,091	146,358	35,486	39,740	38,762	32,370	-3.0
Wisconsin	350,255	102,258	117,363	52,343	78,291	341,859	99,090	114,556	51,432	76,781	-2.4
Wyoming	34,205	9,154	9,573	7,085	8,393	33,365	9,072	9,416	6,833	8,044	-2.5
U.S. Service Academies	14,812	11,394	3,392	20	6	15,067	11,414	3,630	20	3	1.7
<b>Other jurisdictions</b>	<b>247,886</b>	<b>84,172</b>	<b>114,030</b>	<b>20,221</b>	<b>29,463</b>	<b>241,963</b>	<b>81,352</b>	<b>111,727</b>	<b>19,751</b>	<b>29,133</b>	<b>-2.4</b>
American Samoa	1,285	234	471	186	394	1,253	240	462	171	380	-2.5
Federated States of Micronesia	2,215	654	786	352	423	2,090	613	857	259	361	-5.6
Guam	6,395	1,679	2,300	1,122	1,294	6,084	1,653	2,268	938	1,225	-4.9
Marshall Islands	995	354	339	174	128	1,008	335	363	167	143	1.3
Northern Marianas	1,157	362	559	86	150	1,038	335	493	77	133	-10.3
Palau	627	181	166	106	174	587	186	175	82	144	-6.4
Puerto Rico	232,891	80,180	108,384	17,959	26,368	227,533	77,492	106,104	17,812	26,125	-2.3
U.S. Virgin Islands	2,321	528	1,025	236	532	2,370	498	1,005	245	622	2.1

#Rounds to zero.

NOTE: Degree-granting institutions grant associate's or higher degrees and participate in Title IV federal financial aid programs. Some data have been revised from previously published figures.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), Spring 2016 and Spring 2017, Fall Enrollment component. (This table was prepared January 2018.)

**Table 304.35. Total fall enrollment in public degree-granting postsecondary institutions, by attendance status, sex, and state or jurisdiction: 2015 and 2016**

State or jurisdiction	2015					2016					Percent change in total, 2015 to 2016
	Total	Full-time		Part-time		Total	Full-time		Part-time		
		Males	Females	Males	Females		Males	Females	Males	Females	
1	2	3	4	5	6	7	8	9	10	11	12
<b>United States</b>	<b>14,572,843</b>	<b>3,896,631</b>	<b>4,457,315</b>	<b>2,621,031</b>	<b>3,597,866</b>	<b>14,582,972</b>	<b>3,877,818</b>	<b>4,449,732</b>	<b>2,635,602</b>	<b>3,619,820</b>	<b>0.1</b>
Alabama	247,450	72,155	93,433	32,456	49,406	251,038	73,274	94,720	32,974	50,070	1.4
Alaska	28,429	5,843	6,503	5,914	10,169	27,352	5,581	6,175	5,653	9,943	-3.8
Arizona	360,976	91,379	95,207	74,000	100,390	361,400	91,062	96,225	73,547	100,566	0.1
Arkansas	150,165	39,634	51,345	23,098	36,088	149,383	39,265	50,908	23,199	36,011	-0.5
California	2,202,258	508,260	586,752	512,235	595,011	2,228,932	510,706	592,798	520,737	604,691	1.2
Colorado	265,828	72,797	74,946	50,387	67,698	272,667	73,900	76,951	51,478	70,338	2.6
Connecticut	119,766	33,210	36,521	20,062	29,973	117,345	32,624	36,421	19,610	28,690	-2.0
Delaware	40,611	12,475	16,728	4,200	7,208	41,816	12,761	17,104	4,268	7,683	3.0
District of Columbia	5,118	1,029	1,285	979	1,825	4,587	1,053	1,140	858	1,536	-10.4
Florida	794,390	179,624	223,414	158,462	232,890	797,048	178,700	222,720	159,494	236,134	0.3
Georgia	417,860	114,011	144,624	62,314	96,911	422,159	114,823	146,092	63,671	97,573	1.0
Hawaii	55,756	13,228	16,755	10,348	15,425	53,418	12,462	16,004	9,795	15,157	-4.2
Idaho	72,339	19,641	20,461	12,664	19,573	74,667	19,081	20,371	14,057	21,158	3.2
Illinois	509,104	130,700	138,321	101,828	138,255	492,578	126,935	133,953	98,944	132,746	-3.2
Indiana	321,501	89,355	99,660	57,240	75,246	319,581	88,510	98,074	57,463	75,534	-0.6
Iowa	171,005	52,302	51,673	30,379	36,651	171,075	52,072	51,292	30,256	37,455	#
Kansas	179,532	51,432	54,997	30,954	42,149	180,170	50,934	54,731	31,327	43,178	0.4
Kentucky	205,908	56,598	70,328	33,691	45,291	205,431	55,491	69,530	34,317	46,093	-0.2
Louisiana	212,098	60,090	78,718	28,309	44,981	208,254	58,079	76,449	27,875	45,851	-1.8
Maine	47,408	12,665	13,717	7,892	13,134	47,763	12,392	13,397	8,150	13,824	0.7
Maryland	303,849	71,241	80,705	64,527	87,376	305,750	71,191	80,643	67,251	86,665	0.6
Massachusetts	222,243	60,194	65,939	36,962	59,148	218,465	59,944	64,631	36,135	57,755	-1.7
Michigan	501,411	139,596	154,896	88,564	118,355	492,772	137,345	153,275	87,285	114,867	-1.7
Minnesota	256,187	69,369	74,256	46,673	65,889	253,238	67,901	73,858	46,439	65,040	-1.2
Mississippi	155,334	49,234	71,190	12,689	22,221	153,205	49,163	68,557	13,166	22,319	-1.4
Missouri	248,516	71,612	82,957	37,750	56,197	244,924	69,222	81,040	38,130	56,532	-1.4
Montana	45,935	16,442	16,289	5,314	7,890	46,260	16,311	15,902	5,640	8,407	0.7
Nebraska	100,030	29,563	31,679	16,705	22,083	101,032	29,765	31,843	17,027	22,397	1.0
Nevada	104,418	23,301	28,855	22,153	30,109	106,196	23,511	29,822	22,234	30,629	1.7
New Hampshire	42,628	13,411	15,561	5,407	8,249	41,170	13,150	15,405	4,995	7,620	-3.4
New Jersey	339,722	100,372	111,451	53,810	74,089	337,090	99,706	110,235	53,544	73,605	-0.8
New Mexico	131,343	29,768	35,583	26,542	39,450	129,038	28,698	34,838	25,998	39,504	-1.8
New York	709,243	217,810	250,996	98,047	142,390	700,892	214,569	247,240	97,256	141,827	-1.2
North Carolina	448,055	117,771	151,450	70,088	108,746	450,162	118,575	152,131	69,566	109,890	0.5
North Dakota	48,191	17,367	15,559	7,080	8,185	47,964	17,235	15,433	7,102	8,194	-0.5
Ohio	501,677	144,015	158,321	81,546	117,795	501,474	142,073	156,183	82,618	120,600	#
Oklahoma	179,008	50,486	59,532	27,286	41,704	177,641	50,380	59,789	26,783	40,689	-0.8
Oregon	197,948	55,348	59,278	37,694	45,630	197,198	55,240	58,996	37,993	44,969	-0.4
Pennsylvania	408,522	135,357	144,540	50,972	77,653	406,345	134,191	143,772	50,927	77,455	-0.5
Rhode Island	41,320	10,568	14,172	6,120	10,460	41,369	10,296	14,187	6,191	10,695	0.1
South Carolina	202,487	60,214	74,284	24,922	43,067	200,295	60,169	74,345	23,705	42,076	-1.1
South Dakota	44,254	14,382	13,902	6,282	9,688	44,305	14,131	13,706	6,610	9,858	0.1
Tennessee	223,411	67,827	82,164	29,089	44,331	221,288	67,395	81,726	28,603	43,564	-1.0
Texas	1,388,266	317,682	363,622	292,678	414,284	1,420,974	323,838	371,846	298,953	426,337	2.4
Utah	170,689	47,499	44,326	37,965	40,899	175,308	47,485	46,038	39,143	42,642	2.7
Vermont	25,383	7,836	9,083	2,741	5,723	25,736	7,736	9,386	2,856	5,758	1.4
Virginia	394,210	111,040	128,087	65,069	90,014	389,446	109,813	126,682	64,134	88,817	-1.2
Washington	313,964	98,179	110,148	46,199	59,438	315,356	98,720	111,310	45,825	59,501	0.4
West Virginia	86,342	29,816	32,598	9,057	14,871	85,104	29,532	32,368	8,628	14,576	-1.4
Wisconsin	282,250	82,819	87,589	46,583	65,259	278,442	80,845	86,504	46,339	64,754	-1.3
Wyoming	33,693	8,692	9,523	7,085	8,393	32,802	8,569	9,356	6,833	8,044	-2.6
U.S. Service Academies	14,812	11,394	3,392	20	6	15,067	11,414	3,630	20	3	1.7
<b>Other jurisdictions</b>	<b>80,129</b>	<b>29,439</b>	<b>38,058</b>	<b>5,495</b>	<b>7,137</b>	<b>81,509</b>	<b>30,273</b>	<b>39,447</b>	<b>5,039</b>	<b>6,750</b>	<b>1.7</b>
American Samoa	1,285	234	471	186	394	1,253	240	462	171	380	-2.5
Federated States of Micronesia	2,215	654	786	352	423	2,090	613	857	259	361	-5.6
Guam	6,325	1,652	2,272	1,116	1,285	6,017	1,630	2,243	930	1,214	-4.9
Marshall Islands	995	354	339	174	128	1,008	335	363	167	143	1.3
Northern Marianas	1,157	362	559	86	150	1,038	335	493	77	133	-10.3
Palau	627	181	166	106	174	587	186	175	82	144	-6.4
Puerto Rico	65,204	25,474	32,440	3,239	4,051	67,146	26,436	33,849	3,108	3,753	3.0
U.S. Virgin Islands	2,321	528	1,025	236	532	2,370	498	1,005	245	622	2.1

#Rounds to zero.

NOTE: Degree-granting institutions grant associate's or higher degrees and participate in Title IV federal financial aid programs. Some data have been revised from previously published figures.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), Spring 2016 and Spring 2017, Fall Enrollment component. (This table was prepared January 2018.)

**Table 304.60. Total fall enrollment in degree-granting postsecondary institutions, by control and level of institution and state or jurisdiction: 2015 and 2016**

State or jurisdiction	2015						2016					
	Public 4-year	Public 2-year	Private 4-year		Private 2-year		Public 4-year	Public 2-year	Private 4-year		Private 2-year	
			Nonprofit	For-profit	Nonprofit	For-profit			Nonprofit	For-profit	Nonprofit	For-profit
1	2	3	4	5	6	7	8	9	10	11	12	13
<b>United States</b>	<b>8,348,539</b>	<b>6,224,304</b>	<b>4,015,882</b>	<b>1,124,322</b>	<b>50,009</b>	<b>225,148</b>	<b>8,741,896</b>	<b>5,841,076</b>	<b>4,027,240</b>	<b>981,633</b>	<b>50,557</b>	<b>198,612</b>
Alabama	165,985	81,465	25,531	27,234	436	2,308	170,003	81,035	24,570	26,069	386	1,989
Alaska	28,236	193	555	1,945	66	378	27,164	188	591	0	79	424
Arizona	164,921	196,055	9,606	271,025	0	8,815	173,528	187,872	9,800	226,853	0	10,031
Arkansas	99,527	50,638	16,537	663	1,017	20	100,926	48,457	16,268	372	1,178	119
California	725,755	1,476,503	302,551	142,686	1,745	38,170	947,302	1,281,630	302,559	136,515	1,602	30,498
Colorado	180,763	85,065	34,776	39,596	624	7,335	200,108	72,559	34,004	38,415	265	6,945
Connecticut	67,005	52,761	71,715	8,185	0	0	66,797	50,548	72,344	8,322	0	0
Delaware	27,140	13,471	19,302	326	153	0	41,816	0	18,852	301	170	0
District of Columbia	5,118	0	79,247	8,738	29	840	4,587	0	78,938	9,036	0	479
Florida	753,050	41,340	192,233	61,291	15,285	20,371	767,650	29,398	187,138	54,757	18,185	18,368
Georgia	296,477	121,383	72,665	31,854	1,441	6,891	310,456	111,703	74,116	27,653	1,981	6,998
Hawaii	28,979	26,777	10,586	2,480	0	510	28,003	25,415	9,814	2,109	0	517
Idaho	50,169	22,170	47,651	699	0	420	52,474	22,193	48,492	197	0	440
Illinois	192,949	316,155	220,921	66,043	389	5,754	188,405	304,173	217,915	61,812	368	5,047
Indiana	239,832	81,669	90,248	10,192	504	3,919	240,671	78,910	90,922	5,560	582	2,558
Iowa	78,539	92,466	54,078	49,590	0	433	80,266	90,809	53,475	41,703	0	260
Kansas	100,607	78,925	25,249	13,772	0	1,441	100,613	79,557	23,058	9,790	0	1,283
Kentucky	126,083	79,825	39,483	9,215	0	1,116	126,021	79,410	41,332	7,678	0	631
Louisiana	142,184	69,914	25,853	2,044	492	4,818	142,238	66,016	25,317	852	368	4,496
Maine	30,026	17,382	22,151	1,556	273	331	30,510	17,253	22,517	1,315	220	301
Maryland	173,776	130,073	53,063	4,804	0	2,509	181,314	124,436	53,881	3,997	0	2,039
Massachusetts	125,748	96,495	282,886	3,275	1,179	929	125,983	92,482	283,392	2,180	1,122	564
Michigan	324,310	177,101	95,107	4,016	0	928	335,074	157,698	87,297	1,845	0	1,121
Minnesota	133,175	123,012	70,598	103,014	68	599	133,440	119,798	70,279	98,811	77	387
Mississippi	80,392	74,942	16,873	310	0	1,666	82,010	71,195	17,857	322	0	1,328
Missouri	154,819	93,697	146,435	7,491	893	6,664	154,208	90,716	145,600	4,948	854	4,768
Montana	37,472	8,463	4,422	0	442	0	37,884	8,376	4,196	0	425	35
Nebraska	60,253	39,777	34,082	1,673	151	155	61,079	39,953	33,601	1,161	150	158
Nevada	93,333	11,085	3,797	3,642	417	3,827	95,323	10,873	3,770	2,589	287	3,188
New Hampshire	28,096	14,532	79,265	1,492	123	0	27,726	13,444	91,785	0	181	0
New Jersey	183,911	155,811	73,636	7,460	0	2,941	186,622	150,468	73,822	7,426	0	3,039
New Mexico	60,605	70,738	1,617	3,816	0	1,472	59,951	69,087	1,658	2,484	0	1,427
New York	396,730	312,513	528,289	30,209	2,509	15,156	397,019	303,873	528,344	28,828	2,594	12,993
North Carolina	224,915	223,140	96,979	13,825	705	2,878	228,524	221,638	96,634	10,553	687	3,460
North Dakota	41,232	6,959	5,040	603	0	0	40,986	6,978	5,690	549	0	0
Ohio	330,914	170,763	137,224	12,657	1,318	11,747	330,959	170,515	137,077	7,204	1,269	11,205
Oklahoma	120,628	58,380	24,841	3,133	1,155	2,980	119,464	58,177	25,033	2,405	1,194	2,072
Oregon	104,805	93,143	37,422	3,771	111	1,397	104,572	92,626	35,434	2,620	0	983
Pennsylvania	278,935	129,587	283,662	14,711	8,504	20,764	279,719	126,626	284,169	11,295	7,822	16,139
Rhode Island	25,125	16,195	40,972	0	0	0	26,268	15,101	41,979	0	0	0
South Carolina	111,871	90,616	33,835	10,105	771	2,457	112,900	87,395	34,115	7,981	991	3,181
South Dakota	38,132	6,122	7,051	2,189	170	0	37,769	6,536	7,225	2,155	0	0
Tennessee	136,730	86,681	82,616	9,402	736	7,704	136,357	84,931	83,743	7,637	682	8,401
Texas	696,656	691,610	137,052	27,882	3,005	23,409	726,226	694,748	140,317	18,833	1,941	21,194
Utah	141,875	28,814	114,856	4,929	2,153	368	145,407	29,901	129,408	4,307	2,119	392
Vermont	19,400	5,983	18,103	379	0	0	19,873	5,863	18,683	300	0	0
Virginia	215,068	179,142	134,114	34,730	923	5,775	216,171	173,275	132,113	30,871	747	4,284
Washington	230,054	83,910	42,808	3,973	1,760	2,339	253,984	61,372	42,094	5,281	1,513	1,918
West Virginia	67,913	18,429	8,665	53,402	0	2,488	67,455	17,649	8,809	49,660	0	2,785
Wisconsin	180,861	101,389	59,584	8,295	0	126	190,658	87,784	57,168	6,082	0	167
Wyoming	12,648	21,045	50	0	462	0	12,366	20,436	45	0	518	0
U.S. Service Academies	14,812	0	†	†	†	†	15,067	0	†	†	†	†
<b>Other jurisdictions</b>	<b>71,162</b>	<b>8,967</b>	<b>126,305</b>	<b>17,457</b>	<b>889</b>	<b>23,106</b>	<b>72,839</b>	<b>8,670</b>	<b>121,249</b>	<b>18,876</b>	<b>804</b>	<b>19,525</b>
American Samoa	1,285	0	0	0	0	0	1,253	0	0	0	0	0
Federated States of Micronesia	0	2,215	0	0	0	0	0	2,090	0	0	0	0
Guam	3,991	2,334	70	0	0	0	3,875	67	0	0	0	0
Marshall Islands	0	995	0	0	0	0	0	1,008	0	0	0	0
Northern Marianas	1,157	0	0	0	0	0	1,038	0	0	0	0	0
Palau	0	627	0	0	0	0	0	587	0	0	0	0
Puerto Rico	62,408	2,796	126,235	17,457	889	23,106	64,303	2,843	121,182	18,876	804	19,525
U.S. Virgin Islands	2,321	0	0	0	0	0	2,370	0	0	0	0	0

†Not applicable.

NOTE: Degree-granting institutions grant associate's or higher degrees and participate in Title IV federal financial aid programs. Some data have been revised from previously published figures.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), Spring 2016 and Spring 2017, Fall Enrollment component. (This table was prepared January 2018.)

**Table 304.70. Total fall enrollment in degree-granting postsecondary institutions, by level of enrollment and state or jurisdiction: Selected years, 2000 through 2016**

State or jurisdiction	Undergraduate						Postbaccalaureate					
	2000	2010	2012	2014	2015	2016	2000	2010	2012	2014	2015	2016
1	2	3	4	5	6	7	8	9	10	11	12	13
<b>United States .....</b>	<b>13,155,393</b>	<b>18,082,427</b>	<b>17,735,638</b>	<b>17,294,136</b>	<b>17,046,673</b>	<b>16,869,212</b>	<b>2,156,896</b>	<b>2,937,011</b>	<b>2,908,840</b>	<b>2,914,956</b>	<b>2,941,531</b>	<b>2,971,802</b>
Alabama .....	201,389	282,128	265,917	259,630	257,649	258,008	32,573	45,478	44,394	45,398	45,310	46,044
Alaska .....	26,222	31,925	30,018	31,763	28,818	25,997	1,731	2,874	2,779	2,568	2,555	2,449
Arizona .....	299,529	672,083	621,684	562,449	541,853	510,365	42,961	121,788	114,781	112,297	108,569	97,719
Arkansas.....	104,580	156,970	157,504	151,132	148,630	145,960	10,592	18,878	18,954	18,439	19,772	21,360
California .....	2,012,213	2,444,496	2,359,805	2,427,339	2,415,506	2,416,280	244,495	270,203	261,801	269,829	271,904	283,826
Colorado .....	220,059	312,099	305,465	294,714	289,534	293,264	43,813	57,351	57,705	59,235	58,625	59,032
Connecticut.....	127,715	163,291	166,812	165,825	162,925	160,652	33,528	36,093	34,846	36,103	36,741	37,359
Delaware.....	37,930	45,848	47,815	48,459	47,981	49,047	5,967	9,410	10,312	11,978	12,411	12,092
District of Columbia .....	40,703	50,330	47,699	48,156	50,556	48,948	31,986	41,662	42,451	41,897	43,416	44,092
Florida.....	623,071	993,545	1,023,378	984,355	956,598	947,806	84,613	131,233	131,128	126,663	126,972	127,690
Georgia.....	296,980	499,187	476,815	460,125	456,792	457,127	49,224	69,729	68,545	70,838	73,919	75,780
Hawaii.....	51,783	68,244	69,272	65,067	61,367	58,343	8,399	9,829	9,184	8,438	7,965	7,515
Idaho.....	58,644	76,998	99,901	110,962	113,245	115,259	6,950	8,203	8,107	7,991	7,864	8,537
Illinois.....	623,018	748,921	713,472	676,273	650,597	626,068	120,900	157,924	153,421	148,729	151,614	151,652
Indiana.....	273,198	404,033	392,626	381,003	369,200	360,495	41,136	55,460	54,637	55,452	57,164	58,708
Iowa.....	165,360	339,036	315,424	243,427	237,013	229,452	23,614	42,831	45,765	39,091	38,093	37,061
Kansas.....	156,385	188,326	187,921	197,795	191,680	186,631	23,583	26,523	25,934	28,495	28,314	27,670
Kentucky.....	164,183	256,447	244,950	229,067	219,870	216,878	24,158	34,657	36,183	35,130	35,852	38,194
Louisiana.....	191,517	230,370	227,290	215,289	214,594	209,530	32,283	33,306	31,556	30,649	30,711	29,757
Maine.....	50,728	63,599	63,369	62,004	62,252	62,456	7,745	8,807	9,726	9,746	9,467	9,660
Maryland.....	221,952	305,358	302,485	296,683	294,032	294,058	51,793	72,609	72,011	68,914	70,193	71,609
Massachusetts.....	320,012	377,241	381,253	378,141	374,979	367,736	101,130	130,512	132,866	132,919	135,533	137,987
Michigan.....	480,618	605,990	575,388	535,524	517,079	500,051	87,013	91,775	88,315	84,438	84,383	82,984
Minnesota.....	254,632	346,864	335,747	318,062	311,536	303,940	38,813	118,585	115,914	115,886	118,930	118,852
Mississippi.....	123,299	159,262	155,292	150,175	153,551	151,591	14,090	20,733	21,326	20,549	20,632	21,121
Missouri.....	266,802	367,032	363,123	341,675	331,955	324,158	54,546	77,718	78,063	78,260	78,044	76,936
Montana.....	38,481	48,446	48,424	47,128	46,067	45,712	3,759	4,836	4,830	4,814	4,732	5,204
Nebraska.....	96,759	121,430	115,701	110,813	110,313	110,336	15,358	23,262	23,857	25,012	25,778	25,766
Nevada.....	79,053	116,743	106,854	107,961	104,845	104,809	8,840	12,617	11,446	11,244	11,256	11,221
New Hampshire.....	51,990	62,442	66,770	83,520	96,588	104,321	9,728	13,097	15,908	23,039	26,920	28,815
New Jersey.....	284,785	380,060	376,901	372,657	360,074	357,452	51,160	64,032	63,065	63,592	63,685	63,925
New Mexico.....	96,377	147,976	141,773	132,142	124,385	120,692	14,362	14,576	14,651	14,104	13,863	13,915
New York.....	839,423	1,059,332	1,070,674	1,063,542	1,048,058	1,036,342	203,972	245,819	239,010	235,430	237,348	240,309
North Carolina.....	358,912	516,254	508,495	498,553	490,350	488,940	45,740	69,538	69,770	71,402	72,092	72,556
North Dakota.....	36,899	50,003	48,196	46,724	46,568	46,669	3,349	6,900	7,046	7,324	7,266	7,534
Ohio.....	469,999	650,546	619,564	589,415	574,217	567,714	79,554	94,569	90,815	91,143	90,406	90,515
Oklahoma.....	157,021	204,217	202,092	189,748	185,545	182,755	20,995	26,343	26,400	25,662	25,572	25,590
Oregon.....	160,805	221,825	225,425	211,529	206,895	203,984	22,260	29,883	29,501	34,018	33,754	32,251
Pennsylvania.....	506,948	664,384	640,440	614,760	598,510	584,489	102,573	140,256	136,910	135,616	137,653	141,281
Rhode Island.....	65,067	73,974	73,338	73,452	71,972	72,496	10,383	11,136	10,614	10,047	10,320	10,852
South Carolina.....	161,699	231,375	233,835	228,594	223,671	220,218	24,232	25,689	25,782	26,035	25,984	26,345
South Dakota.....	37,497	50,605	49,259	47,232	46,901	46,728	5,724	7,755	6,799	6,729	6,763	6,957
Tennessee.....	230,376	302,248	295,126	280,010	277,409	274,665	33,534	49,514	48,352	46,613	46,460	47,086
Texas.....	905,649	1,360,528	1,367,078	1,370,770	1,390,972	1,409,893	128,324	175,336	177,446	185,518	188,642	193,366
Utah.....	149,954	231,721	239,025	243,521	259,006	272,604	13,822	23,932	28,284	31,405	33,989	38,930
Vermont.....	30,809	38,608	37,792	37,374	37,298	37,784	4,680	6,964	6,905	6,606	6,567	6,935
Virginia.....	325,395	486,820	492,564	481,771	474,525	462,352	56,498	91,102	96,144	96,140	95,227	95,109
Washington.....	290,292	351,863	329,638	328,923	328,355	329,444	30,548	36,253	35,891	36,263	36,489	36,718
West Virginia.....	76,556	128,335	136,166	132,805	127,619	123,529	11,332	24,096	26,016	24,247	23,278	22,829
Wisconsin.....	271,839	341,698	329,778	318,621	310,350	302,353	35,340	42,483	39,960	40,303	39,905	39,506
Wyoming.....	26,811	35,466	35,103	32,765	31,602	30,787	3,193	2,832	2,709	2,686	2,603	2,578
U.S. Service Academies.....	13,475	15,905	15,202	14,712	14,786	15,044	0	20	25	22	26	23
<b>Other jurisdictions.....</b>	<b>174,410</b>	<b>234,281</b>	<b>231,395</b>	<b>227,270</b>	<b>218,927</b>	<b>212,224</b>	<b>20,223</b>	<b>29,959</b>	<b>28,580</b>	<b>28,567</b>	<b>28,959</b>	<b>29,739</b>
American Samoa.....	297	2,193	1,795	1,276	1,285	1,253	0	0	0	0	0	0
Federated States of Micronesia.....	1,576	2,699	2,744	2,344	2,215	2,090	0	0	0	0	0	0
Guam.....	4,746	5,857	5,662	6,187	6,095	5,768	469	331	293	301	300	316
Marshall Islands.....	328	869	1,123	1,087	995	1,008	0	0	0	0	0	0
Northern Marianas.....	1,078	1,137	1,178	1,186	1,157	1,038	0	0	0	0	0	0
Palau.....	581	694	680	604	627	587	0	0	0	0	0	0
Puerto Rico.....	163,690	218,312	215,973	212,476	204,415	198,368	19,600	29,415	28,104	28,096	28,476	29,165
U.S. Virgin Islands.....	2,114	2,520	2,240	2,110	2,138	2,112	154	213	183	170	183	258

NOTE: Degree-granting institutions grant associate's or higher degrees and participate in Title IV federal financial aid programs. Some data have been revised from previously published figures.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), Spring 2001 through Spring 2017, Fall Enrollment component. (This table was prepared January 2018.)

**Table 304.80. Total fall enrollment in degree-granting postsecondary institutions, by control, level of enrollment, level of institution, and state or jurisdiction: 2016**

State or jurisdiction	Public				Private							
	Undergraduate			Post-baccalaureate	Undergraduate					Postbaccalaureate		
	Total	4-year	2-year		Total	Nonprofit 4-year	For-profit 4-year	Nonprofit 2-year	For-profit 2-year	Total	Nonprofit 4-year	For-profit 4-year
1	2	3	4	5	6	7	8	9	10	11	12	13
<b>United States</b> .....	<b>13,141,086</b>	<b>7,300,010</b>	<b>5,841,076</b>	<b>1,441,886</b>	<b>3,728,126</b>	<b>2,762,212</b>	<b>716,745</b>	<b>50,557</b>	<b>198,612</b>	<b>1,529,916</b>	<b>1,265,028</b>	<b>264,888</b>
Alabama .....	216,115	135,080	81,035	34,923	41,893	19,891	19,627	386	1,989	11,121	4,679	6,442
Alaska .....	25,146	24,958	188	2,206	851	348	0	79	424	243	243	0
Arizona .....	329,282	141,410	187,872	32,118	181,083	4,928	166,124	0	10,031	65,601	4,872	60,729
Arkansas.....	130,299	81,842	48,457	19,084	15,661	14,085	279	1,178	119	2,276	2,183	93
California .....	2,120,578	838,948	1,281,630	108,354	295,702	164,797	98,805	1,602	30,498	175,472	137,762	37,710
Colorado.....	235,434	162,875	72,559	37,233	57,830	21,271	29,349	265	6,945	21,799	12,733	9,066
Connecticut.....	103,564	53,016	50,548	13,781	57,088	49,388	7,700	0	0	23,578	22,956	622
Delaware.....	37,687	37,687	0	4,129	11,360	10,944	246	170	0	7,963	7,908	55
District of Columbia .....	3,950	3,950	0	637	44,998	38,681	5,838	0	479	43,455	40,257	3,198
Florida.....	728,374	698,976	29,398	68,674	219,432	134,631	48,248	18,185	18,368	59,016	52,507	6,509
Georgia.....	376,377	264,674	111,703	45,782	80,750	52,698	19,073	1,981	6,998	29,998	21,418	8,580
Hawaii.....	47,903	22,488	25,415	5,515	10,440	8,497	1,426	0	517	2,000	1,317	683
Idaho.....	66,855	44,662	22,193	7,812	48,404	47,767	197	0	440	725	725	0
Illinois.....	443,681	139,508	304,173	48,897	182,387	131,672	45,300	368	5,047	102,755	86,243	16,512
Indiana.....	279,127	200,217	78,910	40,454	81,368	72,770	5,458	582	2,558	18,254	18,152	102
Iowa.....	156,060	65,251	90,809	15,015	73,392	40,477	32,655	0	260	22,046	12,998	9,048
Kansas.....	158,127	78,570	79,557	22,043	28,504	18,830	8,391	0	1,283	5,627	4,228	1,399
Kentucky.....	182,322	102,912	79,410	23,109	34,556	27,290	6,635	0	631	15,085	14,042	1,043
Louisiana.....	186,093	120,077	66,016	22,161	23,437	17,771	802	368	4,496	7,596	7,546	50
Maine.....	43,952	26,699	17,253	3,811	18,504	16,801	1,182	220	301	5,849	5,716	133
Maryland.....	262,794	138,358	124,436	42,956	31,264	26,063	3,162	0	2,039	28,653	27,818	835
Massachusetts.....	191,295	98,813	92,482	27,170	176,441	172,807	1,948	1,122	564	110,817	110,585	232
Michigan.....	426,809	269,111	157,698	65,963	73,242	70,528	1,593	0	1,121	17,021	16,769	252
Minnesota.....	228,839	109,041	119,798	24,399	75,101	48,933	25,704	77	387	94,453	21,346	73,107
Mississippi.....	138,113	66,918	71,195	15,092	13,478	11,908	242	0	1,328	6,029	5,949	80
Missouri.....	216,882	126,166	90,716	28,042	107,276	97,018	4,636	854	4,768	48,894	48,582	312
Montana.....	41,222	32,846	8,376	5,038	4,490	4,030	0	425	35	166	166	0
Nebraska.....	86,641	46,688	39,953	14,391	23,695	22,328	1,059	150	158	11,375	11,273	102
Nevada.....	98,046	87,173	10,873	8,150	6,763	954	2,334	287	3,188	3,071	2,816	255
New Hampshire.....	37,200	23,756	13,444	3,970	67,121	66,940	0	181	0	24,845	24,845	0
New Jersey.....	298,857	148,389	150,468	38,233	58,595	48,576	6,980	0	3,039	25,692	25,246	446
New Mexico.....	116,054	46,967	69,087	12,984	4,638	856	2,355	0	1,427	931	802	129
New York.....	633,226	329,353	303,873	67,666	400,116	358,908	25,621	2,594	12,993	172,643	169,436	3,207
North Carolina.....	404,100	182,462	221,638	46,062	84,840	71,823	8,870	687	3,460	26,494	24,811	1,683
North Dakota.....	41,686	34,708	6,978	6,278	4,983	4,434	549	0	0	1,256	1,256	0
Ohio.....	439,769	269,254	170,515	61,705	127,945	108,668	6,803	1,269	11,205	28,810	28,409	401
Oklahoma.....	157,278	99,101	58,177	20,363	25,477	19,832	2,379	1,194	2,072	5,227	5,201	26
Oregon.....	179,220	86,594	92,626	17,978	24,764	21,411	2,370	0	983	14,273	14,023	250
Pennsylvania.....	357,105	230,479	126,626	49,240	227,384	192,694	10,729	7,822	16,139	92,041	91,475	566
Rhode Island.....	37,311	22,210	15,101	4,058	35,185	35,185	0	0	0	6,794	6,794	0
South Carolina.....	179,618	92,223	87,395	20,677	40,600	30,213	6,215	991	3,181	5,668	3,902	1,766
South Dakota.....	38,410	31,874	6,536	5,895	8,318	6,163	2,155	0	0	1,062	1,062	0
Tennessee.....	197,712	112,781	84,931	23,576	76,953	61,818	6,052	682	8,401	23,510	21,925	1,585
Texas.....	1,269,436	574,688	694,748	151,538	140,457	100,699	16,623	1,941	21,194	41,828	39,618	2,210
Utah.....	162,096	132,195	29,901	13,212	110,508	104,750	3,247	2,119	392	25,718	24,658	1,060
Vermont.....	23,158	17,295	5,863	2,578	14,626	14,326	300	0	0	4,357	4,357	0
Virginia.....	343,785	170,510	173,275	45,661	118,567	87,164	26,372	747	4,284	49,448	44,949	4,499
Washington.....	290,938	229,566	61,372	24,418	38,506	29,988	5,087	1,513	1,918	12,300	12,106	194
West Virginia.....	72,861	55,212	17,649	12,243	50,668	7,419	40,464	0	2,785	10,586	1,390	9,196
Wisconsin.....	254,431	166,647	87,784	24,011	47,922	42,194	5,561	0	167	15,495	14,974	521
Wyoming.....	30,224	9,788	20,436	2,578	563	45	0	518	0	0	0	0
U.S. Service Academies.....	15,044	15,044	0	23	†	†	†	†	†	†	†	†
<b>Other jurisdictions</b> .....	<b>74,577</b>	<b>65,907</b>	<b>8,670</b>	<b>6,932</b>	<b>137,647</b>	<b>100,398</b>	<b>16,920</b>	<b>804</b>	<b>19,525</b>	<b>22,807</b>	<b>20,851</b>	<b>1,956</b>
American Samoa.....	1,253	1,253	0	0	0	0	0	0	0	0	0	0
Federated States of Micronesia.....	2,090	0	2,090	0	0	0	0	0	0	0	0	0
Guam.....	5,704	3,562	2,142	313	64	64	0	0	0	3	3	0
Marshall Islands.....	1,008	0	1,008	0	0	0	0	0	0	0	0	0
Northern Marianas.....	1,038	1,038	0	0	0	0	0	0	0	0	0	0
Palau.....	587	0	587	0	0	0	0	0	0	0	0	0
Puerto Rico.....	60,785	57,942	2,843	6,361	137,583	100,334	16,920	804	19,525	22,804	20,848	1,956
U.S. Virgin Islands.....	2,112	2,112	0	258	0	0	0	0	0	0	0	0

†Not applicable.

NOTE: Degree-granting institutions grant associate's or higher degrees and participate in Title IV federal financial aid programs.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), Spring 2017, Fall Enrollment component. (This table was prepared January 2018.)

**Table 305.10. Total fall enrollment of first-time degree/certificate-seeking students in degree-granting postsecondary institutions, by attendance status, sex of student, and level and control of institution: 1955 through 2027**

Year	Total	Full-time	Part-time	Males			Females			4-year		2-year	
				Total	Full-time	Part-time	Total	Full-time	Part-time	Public	Private	Public	Private
1	2	3	4	5	6	7	8	9	10	11	12	13	14
1955 <sup>1</sup>	670,013	—	—	415,604	—	—	254,409	—	—	283,084 <sup>2</sup>	246,960 <sup>2</sup>	117,288 <sup>2</sup>	22,681 <sup>2</sup>
1956 <sup>1</sup>	717,504	—	—	442,903	—	—	274,601	—	—	292,743 <sup>2</sup>	261,951 <sup>2</sup>	137,406 <sup>2</sup>	25,404 <sup>2</sup>
1957 <sup>1</sup>	723,879	—	—	441,969	—	—	281,910	—	—	293,544 <sup>2</sup>	262,695 <sup>2</sup>	140,522 <sup>2</sup>	27,118 <sup>2</sup>
1958 <sup>1</sup>	775,308	—	—	465,422	—	—	309,886	—	—	328,242 <sup>2</sup>	272,117 <sup>2</sup>	146,379 <sup>2</sup>	28,570 <sup>2</sup>
1959 <sup>1</sup>	821,520	—	—	487,890	—	—	333,630	—	—	348,150 <sup>2</sup>	291,691 <sup>2</sup>	153,393 <sup>2</sup>	28,286 <sup>2</sup>
1960 <sup>1</sup>	923,069	—	—	539,512	—	—	383,557	—	—	395,884 <sup>2</sup>	313,209 <sup>2</sup>	181,860 <sup>2</sup>	32,116 <sup>2</sup>
1961 <sup>1</sup>	1,018,361	—	—	591,913	—	—	426,448	—	—	438,135 <sup>2</sup>	336,449 <sup>2</sup>	210,101 <sup>2</sup>	33,676 <sup>2</sup>
1962 <sup>1</sup>	1,030,554	—	—	598,099	—	—	432,455	—	—	445,191 <sup>2</sup>	324,923 <sup>2</sup>	224,537 <sup>2</sup>	35,903 <sup>2</sup>
1963 <sup>1</sup>	1,046,424	—	—	604,282	—	—	442,142	—	—	—	—	—	—
1964 <sup>1</sup>	1,224,840	—	—	701,524	—	—	523,316	—	—	539,251 <sup>2</sup>	363,348 <sup>2</sup>	275,413 <sup>2</sup>	46,828 <sup>2</sup>
1965 <sup>1</sup>	1,441,822	—	—	829,215	—	—	612,607	—	—	642,233 <sup>2</sup>	398,792 <sup>2</sup>	347,788 <sup>2</sup>	53,009 <sup>2</sup>
1966 <sup>1</sup>	1,554,337	—	—	889,516	—	—	664,821	—	—	626,472 <sup>2</sup>	382,889 <sup>2</sup>	478,459 <sup>2</sup>	66,517 <sup>2</sup>
1967 <sup>1</sup>	1,640,936	1,335,512	305,424	931,127	761,299	169,828	709,809	574,213	135,596	644,525	368,300	561,488	66,623
1968 <sup>1</sup>	1,892,849	1,470,653	422,196	1,082,367	847,005	235,362	810,482	623,648	186,834	724,377	378,502	718,562	71,858
1969 <sup>1</sup>	1,967,104	1,525,290	441,814	1,118,269	876,280	241,989	848,835	649,010	199,825	699,167	391,508	814,132	62,297
1970 <sup>1</sup>	2,063,397	1,587,072	476,325	1,151,960	896,281	255,679	911,437	690,791	220,646	717,449	395,886	890,703	59,359
1971 <sup>1</sup>	2,119,018	1,606,036	512,982	1,170,518	895,715	274,803	948,500	710,321	238,179	704,052	384,695	971,295	58,976
1972 <sup>1</sup>	2,152,778	1,574,197	578,581	1,157,501	858,254	299,247	995,277	715,943	279,334	680,337	380,982	1,036,612	54,843
1973 <sup>1</sup>	2,226,041	1,607,269	618,772	1,182,173	867,314	314,859	1,043,868	739,955	303,913	698,777	378,994	1,089,182	59,088
1974 <sup>1</sup>	2,365,761	1,673,333	692,428	1,243,790	896,077	347,713	1,121,971	777,256	344,715	745,637	386,391	1,175,759	57,974
1975 <sup>1</sup>	2,515,155	1,763,296	751,859	1,327,935	942,198	385,737	1,187,220	821,098	366,122	771,725	395,440	1,283,523	64,667
1976 <sup>1</sup>	2,347,014	1,662,333	684,681	1,170,326	854,597	315,729	1,176,688	807,736	368,952	717,373	413,961	1,152,944	62,736
1977 <sup>1</sup>	2,394,426	1,680,916	713,510	1,155,856	839,848	316,008	1,238,570	841,068	397,502	737,497	404,631	1,185,648	66,650
1978 <sup>1</sup>	2,389,627	1,650,848	738,779	1,141,777	817,294	324,483	1,247,850	833,554	414,296	736,703	406,669	1,173,544	72,711
1979 <sup>1</sup>	2,502,896	1,706,732	796,164	1,179,846	840,315	339,531	1,323,050	866,417	456,633	760,119	415,126	1,253,854	73,797
1980 <sup>1</sup>	2,587,644	1,749,928	837,716	1,218,961	862,458	356,503	1,368,683	887,470	481,213	765,395	417,937	1,313,591	90,721 <sup>3</sup>
1981 <sup>1</sup>	2,595,421	1,737,714	857,707	1,217,680	851,833	365,847	1,377,741	885,881	491,860	754,007	419,257	1,318,436	103,721 <sup>3</sup>
1982 <sup>1</sup>	2,505,466	1,688,620	816,846	1,199,237	837,223	362,014	1,306,229	851,397	454,832	730,775	404,252	1,254,193	116,246 <sup>3</sup>
1983 <sup>1</sup>	2,443,703	1,678,071	765,632	1,159,049	824,609	334,440	1,284,654	853,462	431,192	728,244	403,882	1,189,869	121,708
1984 <sup>1</sup>	2,356,898	1,613,185	743,713	1,112,303	786,099	326,204	1,244,595	827,086	417,509	713,790	402,959	1,130,311	109,838
1985 <sup>1</sup>	2,292,222	1,602,038	690,184	1,075,736	774,858	300,878	1,216,486	827,086	389,506	717,199	398,556	1,060,275	116,192
1986 <sup>1</sup>	2,219,208	1,589,451	629,757	1,046,527	768,856	277,671	1,172,681	820,595	352,086	719,974	391,673	990,973	116,588
1987 <sup>1</sup>	2,246,359	1,626,719	619,640	1,046,615	779,226	267,389	1,199,744	847,493	352,251	757,833	405,113	979,820	103,593
1988 <sup>1</sup>	2,378,803	1,698,927	679,876	1,100,226	807,319	292,707	1,278,777	891,608	387,169	783,358	425,907	1,048,914	120,624
1989 <sup>1</sup>	2,341,035	1,656,594	684,441	1,094,750	791,295	303,455	1,246,285	865,299	380,986	762,217	413,836	1,048,529	116,453
1990 <sup>1</sup>	2,256,624	1,617,118	639,506	1,045,191	771,372	273,819	1,211,433	845,746	365,687	727,264	400,120	1,041,097	88,143
1991 <sup>1</sup>	2,277,920	1,652,983	624,937	1,068,433	798,043	270,390	1,209,487	854,940	354,547	717,697	392,904	1,070,048	97,271
1992 <sup>1</sup>	2,184,113	1,603,737	580,376	1,013,058	760,290	252,768	1,171,055	843,447	327,608	697,393	408,306	993,074	85,340
1993 <sup>1</sup>	2,160,710	1,608,274	552,436	1,007,647	762,240	245,407	1,153,063	846,034	307,029	702,273	410,688	973,545	74,204
1994 <sup>1</sup>	2,133,205	1,603,106	530,099	984,558	751,081	233,477	1,148,647	852,025	296,622	709,042	405,917	952,468	65,778
1995 <sup>1</sup>	2,168,831	1,646,812	522,019	1,001,052	767,185	233,867	1,167,779	879,627	288,152	731,836	419,025	954,595	63,375
1996 <sup>1</sup>	2,274,319	1,739,852	534,467	1,046,662	805,982	240,680	1,227,657	933,870	293,787	741,164	427,442	989,536	116,177
1997 <sup>1</sup>	2,219,255	1,733,512	485,743	1,026,058	806,054	220,004	1,193,197	927,458	265,739	755,362	442,397	923,954	97,542
1998 <sup>1</sup>	2,212,593	1,775,412	437,181	1,022,656	825,577	197,079	1,189,937	949,835	240,102	792,772	460,948	858,417	100,456
1999 <sup>1</sup>	2,357,590	1,849,741	507,849	1,094,539	865,545	228,994	1,263,051	984,196	278,855	819,503	474,223	955,499	108,365
2000 <sup>1</sup>	2,427,551	1,918,093	509,458	1,123,948	894,432	229,516	1,303,603	1,023,661	279,942	842,228	498,532	952,175	134,616
2001 <sup>1</sup>	2,497,078	1,989,179	507,899	1,152,837	926,393	226,444	1,344,241	1,062,786	281,455	866,619	508,030	988,726	133,703
2002 <sup>1</sup>	2,570,611	2,053,065	517,546	1,170,609	945,938	224,671	1,400,002	1,107,127	292,875	886,297	517,621	1,037,267	129,426
2003 <sup>1</sup>	2,591,754	2,102,394	489,360	1,175,856	965,075	210,781	1,415,898	1,137,319	278,579	918,602	537,726	1,004,428	130,998
2004 <sup>1</sup>	2,630,243	2,147,546	482,697	1,190,268	981,591	208,677	1,439,975	1,165,955	274,020	925,449	562,485	1,009,082	133,427
2005 <sup>1</sup>	2,657,338	2,189,884	467,454	1,200,055	995,610	204,445	1,457,283	1,194,274	263,009	953,903	606,712	977,224	119,499
2006 <sup>1</sup>	2,707,213	2,219,853	487,360	1,228,665	1,015,585	213,080	1,478,548	1,204,268	274,280	990,262	598,412	1,013,080	105,459
2007 <sup>1</sup>	2,776,168	2,293,855	482,313	1,267,030	1,052,600	214,430	1,509,138	1,241,255	267,883	1,023,543	633,296	1,016,262	103,067
2008 <sup>1</sup>	3,024,723	2,427,740	596,983	1,389,302	1,115,500	273,802	1,635,421	1,312,240	323,181	1,053,838	673,581	1,186,576	110,728
2009 <sup>1</sup>	3,156,882	2,534,440	622,442	1,464,424	1,177,119	287,305	1,692,458	1,357,321	335,137	1,090,980	658,808	1,275,974	131,120
2010 <sup>1</sup>	3,156,727	2,533,636	623,091	1,461,016	1,171,090	289,926	1,695,711	1,362,546	333,165	1,110,601	674,573	1,238,491	133,062
2011 <sup>1</sup>	3,091,496	2,479,155	612,341	1,424,140	1,140,843	283,297	1,667,356	1,338,312	329,044	1,131,091	656,864	1,195,083	108,458
2012 <sup>1</sup>	2,994,187	2,408,063	586,124	1,387,316	1,115,266	272,050	1,606,871	1,292,797	314,074	1,128,344	642,716	1,137,927	85,200
2013 <sup>1</sup>	2,985,366	2,415,969	569,397	1,383,852	1,117,525	266,327	1,601,514	1,298,444	303,070	1,144,102	633,184	1,126,788	81,102
2014 <sup>1</sup>	2,925,998	2,383,328	542,670	1,355,164	1,100,005	255,159	1,570,834	1,283,323	287,511	1,170,639	612,162	1,070,625	72,572
2015 <sup>1</sup>	2,882,949	2,368,283	514,666	1,338,853	1,096,976	241,877	1,544,096	1,271,307	272,789	1,190,206	599,242	1,031,117	62,384
2016 <sup>1</sup>	2,881,616	2,367,267	514,349	1,332,880	1,093,102	239,778	1,548,736	1,274,165	274,571	1,257,857	580,813	981,229	61,717
2017 <sup>4</sup>	2,890,000	—	—	1,331,000	—	—	1,559,000	—	—	—	—	—	—
2018 <sup>4</sup>	2,902,000	—	—	1,336,000	—	—	1,566,000	—	—	—	—	—	—
2019 <sup>4</sup>	2,914,000	—	—	1,341,000	—	—	1,573,000	—	—	—	—	—	—
2020 <sup>4</sup>	2,917,000	—	—	1,342,000	—	—	1,575,000	—	—	—	—	—	—
2021 <sup>4</sup>	2,921,000	—	—	1,343,000	—	—	1,578,000	—	—	—	—	—	—
2022 <sup>4</sup>	2,926,000	—	—	1,345,000	—								

**Table 305.20. Total fall enrollment of first-time degree/certificate-seeking students in degree-granting postsecondary institutions, by attendance status, sex of student, control of institution, and state or jurisdiction: Selected years, 2000 through 2016**

State or jurisdiction	Total, fall 2000	Total, fall 2010	Total, fall 2013	Total, fall 2014	Total, fall 2015	Fall 2016								
						Total	Full-time			Part-time			Public	Private
							Total	Males	Females	Total	Males	Females		
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
<b>United States</b>	<b>2,427,551</b>	<b>3,156,727</b>	<b>2,985,366</b>	<b>2,925,998</b>	<b>2,882,949</b>	<b>2,881,616</b>	<b>2,367,267</b>	<b>1,093,102</b>	<b>1,274,165</b>	<b>514,349</b>	<b>239,778</b>	<b>274,571</b>	<b>2,239,086</b>	<b>642,530</b>
Alabama	43,411	52,990	51,665	51,148	50,151	49,968	44,568	19,780	24,788	5,400	2,478	2,922	44,312	5,656
Alaska	2,432	5,400	4,791	4,562	3,849	3,049	2,319	1,069	1,250	730	280	450	2,842	207
Arizona	46,646	76,832	74,309	72,960	67,751	65,782	48,889	21,849	27,040	16,893	7,742	9,151	51,724	14,058
Arkansas	22,695	29,321	28,024	27,407	27,388	27,332	24,858	11,359	13,499	2,474	1,116	1,358	23,538	3,794
California	246,128	402,832	395,102	391,838	383,920	395,583	269,905	123,876	146,029	125,678	64,340	61,338	352,771	42,812
Colorado	43,201	54,594	45,111	44,275	43,349	43,849	36,041	17,258	18,783	7,808	3,557	4,251	36,996	6,853
Connecticut	24,212	32,719	32,213	31,550	31,398	31,695	26,235	11,919	14,316	5,460	2,374	3,086	19,063	12,632
Delaware	7,636	8,947	9,549	9,526	9,352	9,727	8,305	3,576	4,729	1,422	569	853	8,415	1,312
District of Columbia	9,150	10,747	9,606	9,978	11,075	9,012	8,297	3,169	5,128	715	251	464	482	8,530
Florida	109,931	176,040	163,855	157,545	157,687	158,925	121,355	52,509	68,846	37,570	16,450	21,120	117,576	41,349
Georgia	67,616	100,140	89,405	84,387	86,071	84,893	69,464	30,448	39,016	15,429	6,627	8,802	69,859	15,034
Hawaii	8,931	10,740	10,123	9,613	8,851	8,414	6,801	2,779	4,022	1,613	737	876	7,061	1,353
Idaho	10,669	12,668	13,074	12,373	14,179	14,654	12,542	5,458	7,084	2,112	932	1,180	9,904	4,750
Illinois	107,592	114,467	102,217	99,519	95,852	94,188	80,020	38,325	41,695	14,168	6,682	7,486	64,590	29,598
Indiana	59,320	82,406	70,008	68,495	66,876	64,045	56,091	26,333	29,758	7,954	3,735	4,219	46,689	17,356
Iowa	39,564	47,257	43,309	40,690	37,851	38,130	33,016	17,084	15,932	5,114	1,981	3,133	28,432	9,698
Kansas	31,424	33,544	32,171	33,797	32,268	32,131	27,685	13,905	13,780	4,446	2,045	2,401	27,470	4,661
Kentucky	34,140	43,735	39,803	39,048	37,623	36,389	32,557	14,228	18,329	3,832	1,699	2,133	29,735	6,654
Louisiana	45,383	43,144	41,073	40,871	40,740	40,263	35,601	15,180	20,421	4,662	2,108	2,554	34,635	5,628
Maine	9,231	12,203	11,794	11,253	11,357	11,727	10,450	5,011	5,439	1,277	487	790	7,429	3,978
Maryland	35,552	51,104	47,460	46,143	44,767	45,918	34,547	16,230	18,317	11,371	4,970	6,401	39,063	6,855
Massachusetts	66,044	76,857	76,631	74,982	73,189	72,432	64,652	30,001	34,651	7,780	3,307	4,473	34,091	38,341
Michigan	84,998	101,063	91,499	89,320	89,224	86,313	68,598	32,526	36,072	17,715	8,355	9,360	74,571	11,742
Minnesota	63,893	55,723	47,946	46,249	45,323	45,102	38,912	18,930	19,982	6,190	2,793	3,397	34,194	10,908
Mississippi	30,356	37,034	33,579	31,376	31,185	31,947	29,666	13,332	16,334	2,281	951	1,330	29,717	2,230
Missouri	48,639	64,381	60,926	57,716	54,660	53,779	46,509	21,253	25,256	7,270	3,446	3,824	39,414	14,365
Montana	7,771	9,959	8,924	8,887	8,749	8,952	7,701	3,998	3,703	1,251	570	681	8,086	866
Nebraska	19,027	19,284	18,789	18,372	18,092	18,417	16,709	8,070	8,639	1,708	775	933	14,993	3,424
Nevada	10,490	18,572	16,388	16,337	15,917	16,112	11,979	5,102	6,877	4,133	1,903	2,230	14,936	1,176
New Hampshire	13,143	13,613	14,012	15,378	17,097	15,726	12,414	5,498	6,916	3,312	1,310	2,002	8,191	7,535
New Jersey	52,233	71,296	68,072	67,144	65,232	64,986	56,469	27,693	28,776	8,517	3,930	4,587	54,306	10,680
New Mexico	15,261	22,353	19,581	17,311	18,045	19,132	15,048	6,853	8,195	4,084	1,843	2,241	18,126	1,006
New York	168,181	197,849	190,580	189,419	187,059	185,672	177,025	83,178	93,847	8,647	4,062	4,585	110,502	75,170
North Carolina	69,343	92,627	94,485	92,331	88,995	88,600	72,841	32,653	40,188	15,759	7,003	8,756	68,228	20,372
North Dakota	8,929	9,073	8,741	8,565	8,606	8,709	8,341	4,505	3,836	368	192	176	7,697	1,012
Ohio	98,823	123,063	106,917	102,731	100,029	103,056	88,898	42,209	46,689	14,158	6,275	7,883	77,939	25,117
Oklahoma	35,094	39,107	36,724	36,170	36,371	36,261	30,386	14,320	16,066	5,875	2,443	3,432	30,910	5,351
Oregon	26,946	35,442	31,638	29,640	30,765	30,628	24,290	11,002	13,288	6,338	3,121	3,217	25,622	5,006
Pennsylvania	125,578	144,184	131,265	131,493	126,933	125,139	110,950	52,255	58,695	14,189	6,189	8,000	74,619	50,520
Rhode Island	13,789	15,698	15,494	15,447	15,004	14,942	13,843	6,201	7,642	1,099	467	632	6,661	8,281
South Carolina	32,353	47,535	47,965	47,164	46,080	45,173	39,610	17,677	21,933	5,563	2,383	3,180	36,183	8,990
South Dakota	8,597	10,074	9,264	8,372	8,473	8,316	7,815	3,978	3,837	501	191	310	7,061	1,255
Tennessee	43,327	59,279	54,766	53,074	56,498	56,604	52,903	23,141	29,762	3,701	1,554	2,147	41,012	15,592
Texas	181,813	228,503	237,993	238,283	234,131	234,579	172,268	79,473	92,795	62,311	29,352	32,959	203,761	30,818
Utah	24,953	35,126	27,440	28,221	31,884	32,317	26,895	11,706	15,189	5,422	2,652	2,770	24,501	7,816
Vermont	6,810	8,242	7,672	7,525	7,202	7,474	6,984	3,456	3,528	490	209	281	4,226	3,248
Virginia	52,661	83,166	83,288	81,473	80,362	79,027	66,696	30,476	36,220	12,331	5,627	6,704	61,930	17,097
Washington	36,287	41,124	41,942	42,543	46,370	47,794	42,156	19,224	22,932	5,638	2,462	3,176	39,188	8,606
West Virginia	15,659	23,020	24,760	22,357	18,866	18,879	16,275	7,663	8,612	2,604	1,275	1,329	14,763	4,116
Wisconsin	53,662	61,249	54,379	52,467	50,978	50,540	42,497	20,228	22,269	8,043	3,532	4,511	41,610	8,930
Wyoming	4,209	6,042	5,108	4,681	5,210	5,227	4,284	2,133	2,151	943	446	497	5,035	192
U.S. Service Academies	3,818	4,359	3,936	3,992	4,065	4,107	4,107	3,023	1,084	0	0	0	4,107	†
<b>Other jurisdictions</b>	<b>39,609</b>	<b>52,222</b>	<b>50,425</b>	<b>50,781</b>	<b>43,746</b>	<b>48,677</b>	<b>46,423</b>	<b>20,933</b>	<b>25,490</b>	<b>2,254</b>	<b>944</b>	<b>1,310</b>	<b>17,393</b>	<b>31,284</b>
American Samoa	297	657	438	450	382	392	292	106	186	100	39	61	392	0
Federated States of Micronesia	786	653	481	558	708	760	600	249	351	160	56	104	760	0
Guam	770	1,043	792	813	1,101	985	730	312	418	255	103	152	975	10
Marshall Islands	199	240	260	342	327	329	300	144	156	29	15	14	329	0
Northern Marianas	333	360	284	302	290	305	274	115	159	31	12	19	305	0
Palau	147	114	216	164	200	148	125	65	60	23	11	12	148	0
Puerto Rico	36,773	48,672	47,609	47,759	40,347	45,413	43,787	19,827	23,960	1,626	696	930	14,139	31,274
U.S. Virgin Islands	304	483	345	393	391	345	315	115	200	30	12	18	345	0

†Not applicable.

NOTE: Degree-granting institutions grant associate's or higher degrees and participate in Title IV federal financial aid programs. Some data have been revised from previously published figures.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), Spring 2001 through Spring 2017, Fall Enrollment component. (This table was prepared March 2018.)

**Table 305.30. Number and percentage of degree-granting postsecondary institutions with first-year undergraduates using various selection criteria for admission, by control and level of institution: Selected years, 2000–01 through 2016–17**

Selection criteria	All institutions			Public institutions			Private institutions								
	Total	4-year	2-year	Total	4-year	2-year	Total	4-year	2-year	Nonprofit			For-profit		
										Total	4-year	2-year	Total	4-year	2-year
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Number of institutions with first-year undergraduates															
2000–01.....	3,717	2,034	1,683	1,647	580	1,067	2,070	1,454	616	1,383	1,247	136	687	207	480
2010–11.....	4,208	2,487	1,721	1,614	637	977	2,594	1,850	744	1,320	1,238	82	1,274	612	662
2015–16.....	4,147	2,584	1,563	1,578	669	909	2,569	1,915	654	1,400	1,298	102	1,169	617	552
2016–17.....	3,895	2,395	1,500	1,583	698	885	2,312	1,697	615	1,392	1,295	97	920	402	518
Percent of institutions															
<b>Open admissions</b>															
2000–01.....	40.2	12.9	73.2	63.8	12.1	91.9	21.4	13.3	40.7	14.0	11.7	34.6	36.5	22.7	42.5
2010–11.....	47.2	22.5	83.0	65.6	17.6	96.9	35.8	24.2	64.7	15.5	13.0	52.4	56.9	46.9	66.2
2015–16.....	51.0	27.5	89.8	64.3	19.0	97.7	42.8	30.4	78.9	18.4	15.1	60.8	71.9	62.7	82.2
2016–17.....	51.7	26.9	91.2	64.8	22.1	98.4	42.7	28.9	80.8	18.5	15.1	63.9	79.2	73.1	84.0
<b>Some admission requirements<sup>1</sup></b>															
2000–01.....	58.4	85.8	25.1	35.4	87.4	7.1	76.6	85.2	56.3	84.5	86.8	63.2	60.7	75.4	54.4
2010–11.....	50.1	75.6	13.2	34.4	82.4	3.1	59.9	73.3	26.6	84.2	86.7	47.6	34.7	46.2	24.0
2015–16.....	47.8	71.6	8.4	35.4	81.0	1.9	55.4	68.3	17.6	79.4	83.5	26.5	26.6	36.1	15.9
2016–17.....	47.4	72.4	7.6	35.2	77.9	1.6	55.8	70.1	16.3	79.9	83.9	26.8	19.3	25.9	14.3
<b>Secondary grades</b>															
2000–01.....	34.6	58.7	5.5	23.9	63.4	2.4	43.0	56.7	10.7	60.1	64.1	23.5	8.7	12.6	7.1
2010–11.....	33.3	54.2	3.2	27.8	67.8	1.7	36.7	49.5	5.1	66.1	68.7	26.8	6.4	10.6	2.4
2015–16.....	35.4	55.3	2.4	30.4	69.8	1.3	38.5	50.2	4.0	64.9	68.8	14.7	6.8	11.2	2.0
2016–17.....	37.8	60.0	2.4	30.8	68.2	1.2	42.7	56.7	4.1	65.5	69.3	15.5	8.2	16.2	1.9
<b>Secondary class rank</b>															
2000–01.....	13.7	24.3	1.0	10.9	30.3	0.3	16.0	21.9	2.3	23.2	25.1	5.9	1.6	2.4	1.3
2010–11.....	8.4	13.9	0.4	9.2	22.9	0.3	7.8	10.8	0.5	15.0	15.8	3.7	0.4	0.7	0.2
2015–16.....	6.0	9.5	0.3	7.8	18.2	0.1	4.9	6.4	0.6	8.8	9.3	2.0	0.3	0.3	0.4
2016–17.....	5.8	9.3	0.3	7.5	16.9	0.0	4.7	6.1	0.7	7.5	7.9	2.1	0.4	0.5	0.4
<b>Secondary school record</b>															
2000–01.....	45.8	70.3	16.2	29.4	72.9	5.8	58.7	69.2	34.1	73.2	75.5	52.2	29.5	30.9	29.0
2010–11.....	45.9	70.1	10.8	33.0	78.8	3.1	53.9	67.1	21.0	77.1	79.4	42.7	29.8	42.3	18.3
2015–16.....	44.0	65.9	7.8	34.0	77.9	1.8	50.1	61.7	16.2	71.7	75.4	24.5	24.3	32.9	14.7
2016–17.....	43.3	66.1	7.0	33.9	74.8	1.6	49.8	62.5	14.8	71.8	75.4	24.7	16.4	20.9	12.9
<b>College preparatory program</b>															
2000–01.....	15.5	27.3	1.2	16.2	44.0	1.1	14.9	20.7	1.3	22.1	24.1	4.4	0.4	0.5	0.4
2010–11.....	14.7	24.4	0.6	18.3	45.4	0.7	12.4	17.1	0.5	24.0	25.4	2.4	0.3	0.3	0.3
2015–16.....	14.7	23.3	0.5	19.3	44.4	0.8	12.0	16.0	0.2	21.9	23.6	1.0	0.0	0.0	0.0
2016–17.....	15.8	25.4	0.4	19.5	43.6	0.6	13.2	18.0	0.2	22.0	23.6	1.0	0.0	0.0	0.0
<b>Recommendations</b>															
2000–01.....	20.4	34.4	3.5	2.7	7.4	0.2	34.4	45.1	9.3	46.6	49.2	22.8	10.0	20.8	5.4
2010–11.....	18.1	29.2	2.1	3.3	8.3	0.1	27.3	36.3	4.7	51.6	53.3	25.6	2.0	2.0	2.1
2015–16.....	17.9	27.8	1.7	4.5	10.5	0.1	26.2	33.8	3.8	46.1	48.6	13.7	2.4	2.8	2.0
2016–17.....	18.8	29.5	1.7	4.2	9.5	0.1	28.8	37.7	4.1	45.7	48.1	13.4	3.2	4.2	2.3
<b>Demonstration of competencies<sup>2</sup></b>															
2000–01.....	8.0	12.1	3.0	2.2	5.0	0.7	12.7	15.0	7.1	12.1	12.7	7.4	13.7	29.0	7.1
2010–11.....	5.8	8.0	2.5	1.8	4.6	0.0	8.2	9.2	5.8	8.9	8.8	9.8	7.6	10.1	5.3
2015–16.....	4.1	5.7	1.3	1.6	3.9	0.0	5.6	6.4	3.2	7.6	7.8	5.9	3.1	3.4	2.7
2016–17.....	4.2	6.1	1.3	1.5	3.3	0.0	6.1	7.2	3.1	7.7	7.9	5.2	3.8	5.2	2.7
<b>Test scores<sup>3</sup></b>															
2000–01.....	47.2	72.5	16.7	33.2	83.4	5.8	58.5	68.2	35.6	70.3	73.4	41.9	34.6	36.7	33.8
2010–11.....	31.3	51.6	1.9	30.4	73.9	1.9	31.8	43.9	1.7	61.7	64.9	13.4	0.9	1.6	0.3
2015–16.....	30.7	48.6	1.2	32.3	74.7	1.1	29.8	39.5	1.2	54.1	57.8	7.8	0.6	1.1	0.0
2016–17.....	31.7	50.9	1.1	32.0	71.2	1.0	31.5	42.5	1.1	51.9	55.2	7.2	0.8	1.7	0.0
<b>TOEFL<sup>4</sup></b>															
2000–01.....	43.4	71.2	9.9	30.2	77.4	4.6	54.0	68.7	19.2	66.2	70.1	30.9	29.3	60.4	15.8
2010–11.....	38.7	61.9	5.1	29.9	71.6	2.7	44.1	58.6	8.2	66.3	69.1	24.4	21.2	37.4	6.2
2015–16.....	35.7	55.7	2.8	30.1	69.2	1.3	39.2	50.9	4.7	59.6	63.5	10.8	14.6	24.5	3.6
2016–17.....	34.4	54.8	1.8	30.0	66.5	1.2	37.4	50.0	2.6	59.5	63.1	11.3	4.0	8.0	1.0
<b>No admission requirements, only recommendations for admission</b>															
2000–01.....	1.4	1.2	1.7	0.8	0.5	0.9	1.9	1.5	2.9	1.5	1.4	2.2	2.8	1.9	3.1
2010–11.....	2.6	1.8	3.8	0.0	0.0	0.0	4.3	2.5	8.7	0.3	0.3	0.0	8.4	6.9	9.8
2015–16.....	1.3	1.0	1.7	0.3	0.0	0.4	1.9	1.3	3.5	2.2	1.4	12.7	1.5	1.1	1.8
2016–17.....	0.9	0.8	1.2	0.0	0.0	0.0	1.6	1.1	2.9	1.7	1.2	9.3	1.4	1.0	1.7

<sup>1</sup>Many institutions have more than one admission requirement.

<sup>2</sup>Formal demonstration of competencies (e.g., portfolios, certificates of mastery, assessment instruments).

<sup>3</sup>Includes SAT, ACT, or other admission tests.

<sup>4</sup>Test of English as a Foreign Language.

NOTE: Degree-granting institutions grant associate's or higher degrees and participate in Title IV federal financial aid programs. Excludes institutions not enrolling any first-time

degree/certificate-seeking undergraduates. Some data have been revised from previously published figures. Detail may not sum to totals because of rounding.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), Fall 2000 and Fall 2010, Institutional Characteristics component; and Winter 2015–16 and 2016–17, Admissions component. (This table was prepared November 2017.)

**Table 305.40. Acceptance rates; number of applications, admissions, and enrollees; and enrollees' SAT and ACT scores for degree-granting postsecondary institutions with first-year undergraduates, by control and level of institution: 2016–17**

Acceptance rates, applications, admissions, enrollees, and SAT and ACT scores	All institutions			Public institutions			Private institutions								
	Total	4-year	2-year	Total	4-year	2-year	Total	4-year	2-year	Nonprofit			For-profit		
										Total	4-year	2-year	Total	4-year	2-year
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Number of institutions reporting application data <sup>1</sup>	3,854	2,369	1,485	1,582	697	885	2,272	1,672	600	1,362	1,273	89	910	399	511
Percentage distribution of institutions by their acceptance of applications	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
No application criteria	52.2	27.2	92.1	64.8	22.1	98.4	43.4	29.3	82.8	18.9	15.4	69.7	80.1	73.7	85.1
90 percent or more accepted	6.3	8.9	2.0	3.6	7.9	0.2	8.1	9.4	4.5	9.0	9.2	5.6	6.8	10.0	4.3
75.0 to 89.9 percent accepted	11.9	18.0	2.1	11.0	24.8	0.1	12.5	15.1	5.0	16.8	17.5	6.7	5.9	7.5	4.7
50.0 to 74.9 percent accepted	20.4	31.6	2.6	15.6	34.3	0.9	23.8	30.5	5.2	36.7	38.3	13.5	4.5	5.5	3.7
25.0 to 49.9 percent accepted	7.4	11.2	1.2	4.5	9.8	0.3	9.4	11.8	2.5	14.0	14.6	4.5	2.5	3.0	2.2
10.0 to 24.9 percent accepted	1.5	2.4	0.0	0.4	0.9	0.0	2.2	3.0	0.0	3.6	3.8	0.0	0.1	0.3	0.0
Less than 10 percent accepted	0.4	0.7	0.0	0.1	0.3	0.0	0.6	0.8	0.0	1.0	1.1	0.0	0.0	0.0	0.0
Number of applications (in thousands)	10,399	10,338	61	5,846	5,819	27	4,553	4,519	34	4,459	4,444	16	94	76	18
Percentage distribution of applications by institutions' acceptance of applications	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
No application criteria	†	†	†	†	†	†	†	†	†	†	†	†	†	†	†
90 percent or more accepted	3.8	3.7	22.6	4.7	4.6	26.3	2.6	2.4	19.7	2.3	2.3	9.0	13.8	10.1	29.1
75.0 to 89.9 percent accepted	18.0	18.0	13.7	20.9	14.2	4.3	14.2	14.1	21.3	14.2	14.2	10.3	12.7	8.3	31.1
50.0 to 74.9 percent accepted	41.8	41.9	39.9	44.8	44.8	56.4	38.0	38.1	26.6	37.5	37.6	26.0	60.8	68.7	27.1
25.0 to 49.9 percent accepted	25.6	25.6	23.7	25.7	13.0	25.6	25.5	25.4	32.4	25.7	25.6	54.8	12.8	12.8	12.6
10.0 to 24.9 percent accepted	7.4	7.4	0.0	3.3	3.4	0.0	12.6	12.7	0.0	12.9	12.9	0.0	#	#	0.0
Less than 10 percent accepted	3.4	3.4	0.0	0.5	0.5	0.0	7.2	7.2	0.0	7.3	7.4	0.0	0.0	0.0	0.0
Number of admissions (in thousands)	5,808	5,768	40	3,522	3,504	18	2,286	2,264	22	2,226	2,217	9	61	47	14
Percentage distribution of admissions by institutions' acceptance of applications	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
No application criteria	†	†	†	†	†	†	†	†	†	†	†	†	†	†	†
90 percent or more accepted	6.4	6.2	33.5	7.4	7.2	39.7	4.8	4.6	28.4	4.4	4.3	15.8	20.2	15.5	36.6
75.0 to 89.9 percent accepted	26.0	26.1	17.0	28.1	28.2	5.0	22.9	22.8	26.8	23.1	23.1	15.2	16.2	11.1	34.3
50.0 to 74.9 percent accepted	47.3	47.4	35.6	46.7	46.7	47.4	48.1	48.4	26.1	47.9	48.0	31.4	55.9	65.5	26.7
25.0 to 49.9 percent accepted	17.7	17.7	13.9	16.8	16.8	8.0	19.1	19.1	18.7	19.4	19.3	37.6	7.6	7.9	6.5
10.0 to 24.9 percent accepted	2.2	2.2	0.0	1.0	1.0	0.0	4.1	4.1	0.0	4.2	4.2	0.0	#	#	0.0
Less than 10 percent accepted	0.5	0.5	0.0	0.1	0.1	0.0	1.0	1.0	0.0	1.1	1.1	0.0	0.0	0.0	0.0
Number of enrollees (in thousands)	1,579	1,560	19	1,066	1,057	9	512	503	10	489	486	3	23	17	7
Percentage distribution of enrollees by institutions' acceptance of applications	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
No application criteria	†	†	†	†	†	†	†	†	†	†	†	†	†	†	†
90 percent or more accepted	7.2	6.9	33.8	7.8	7.5	39.0	6.1	5.6	28.8	5.1	5.1	10.9	26.7	22.9	36.1
75.0 to 89.9 percent accepted	26.1	26.2	16.6	29.2	29.4	5.9	19.5	19.4	27.2	19.5	19.5	18.1	19.1	14.3	30.9
50.0 to 74.9 percent accepted	45.6	45.7	39.5	46.5	46.5	45.7	43.8	44.0	33.4	43.8	43.8	52.6	42.1	48.8	25.6
25.0 to 49.9 percent accepted	16.5	16.6	10.1	14.9	15.0	9.5	19.9	20.1	10.6	20.3	20.3	18.4	12.1	13.9	7.4
10.0 to 24.9 percent accepted	3.4	3.5	0.0	1.4	1.4	0.0	7.7	7.8	0.0	8.1	8.1	0.0	#	#	0.0
Less than 10 percent accepted	1.1	1.2	0.0	0.2	0.2	0.0	3.0	3.1	0.0	3.2	3.2	0.0	0.0	0.0	0.0
SAT scores of enrollees															
Critical reading, 25th percentile <sup>2</sup>	468	469	407	459	460	389	474	474	427	474	475	427	436	436	—
Critical reading, 75th percentile <sup>2</sup>	577	578	512	566	567	499	584	584	526	584	585	526	550	550	—
Mathematics, 25th percentile <sup>2</sup>	474	475	407	470	471	398	476	477	418	477	478	418	421	421	—
Mathematics, 75th percentile <sup>2</sup>	583	584	517	579	581	501	586	586	536	586	587	536	553	553	—
ACT scores of enrollees															
Composite, 25th percentile <sup>2</sup>	20.5	20.5	16.8	20.0	20.1	16.2	20.8	20.8	17.7	20.8	20.8	17.7	18.7	18.7	—
Composite, 75th percentile <sup>2</sup>	25.7	25.7	21.8	25.2	25.3	20.9	25.9	25.9	23.2	25.9	25.9	23.2	24.1	24.1	—
English, 25th percentile <sup>2</sup>	19.5	19.6	14.9	18.9	19.0	15.0	19.9	19.9	14.8	19.9	19.9	14.8	18.0	18.0	—
English, 75th percentile <sup>2</sup>	25.9	25.9	21.9	25.3	25.4	21.9	26.3	26.3	21.8	26.3	26.3	21.8	23.6	23.6	—
Mathematics, 25th percentile <sup>2</sup>	19.4	19.4	16.2	19.0	19.1	16.2	19.6	19.6	16.2	19.6	19.6	16.2	18.0	18.0	—
Mathematics, 75th percentile <sup>2</sup>	25.3	25.3	21.2	25.0	25.1	21.7	25.5	25.5	20.4	25.5	25.5	20.4	24.0	24.0	—

—Not available.

†Not applicable.

#Rounds to zero.

<sup>1</sup>The total on this table differs slightly from other counts of institutions with first-year undergraduates because approximately 1.0 percent of these institutions did not report application information.

<sup>2</sup>Data are only for institutions that require test scores for admission. Relatively few 2-year institutions require test scores for admission. The SAT critical reading and mathematics scales range from 200 to 800. The ACT composite, English, and mathematics scales range from 1 to 36.

NOTE: Degree-granting institutions grant associate's or higher degrees and participate in Title IV federal financial aid programs. Excludes institutions not enrolling any first-time degree/certificate-seeking undergraduates. Detail may not sum to totals because of rounding.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), Winter 2016–17, Admissions component. (This table was prepared November 2017.)

**Table 306.10. Total fall enrollment in degree-granting postsecondary institutions, by level of enrollment, sex, attendance status, and race/ethnicity of student: Selected years, 1976 through 2016**

Level of enrollment, sex, attendance status, and race/ethnicity of student	Fall enrollment (in thousands)											Percentage distribution of U.S. residents										
	1976	1980	1990	2000	2010	2011	2012	2013	2014	2015	2016	1976	1980	1990	2000	2010	2011	2012	2013	2014	2015	2016
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
<b>All students, total</b> .....	<b>10,985.6</b>	<b>12,086.8</b>	<b>13,818.6</b>	<b>15,312.3</b>	<b>21,019.4</b>	<b>21,010.6</b>	<b>20,644.5</b>	<b>20,376.7</b>	<b>20,209.1</b>	<b>19,988.2</b>	<b>19,841.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>
White .....	9,076.1	9,833.0	10,722.5	10,462.1	12,720.8	12,401.9	11,982.2	11,589.4	11,239.3	10,939.2	10,712.9	84.3	83.5	79.9	70.8	62.6	61.2	60.3	59.3	58.3	57.6	56.9
Total, selected races/ethnicities .....	1,690.8	1,948.8	2,704.7	4,321.5	7,591.0	7,868.2	7,878.7	7,947.1	8,052.0	8,066.7	8,130.1	15.7	16.5	20.1	29.2	37.4	38.8	39.7	40.7	41.7	42.4	43.1
Black .....	1,033.0	1,106.8	1,247.0	1,730.3	3,039.0	3,079.2	2,962.4	2,872.0	2,792.8	2,681.0	2,588.2	9.6	9.4	9.3	11.7	15.0	15.2	14.9	14.7	14.5	14.1	13.7
Hispanic .....	383.8	471.7	782.4	1,461.8	2,748.8	2,893.0	2,980.3	3,093.2	3,191.9	3,297.7	3,426.8	3.6	4.0	5.8	9.9	13.5	14.3	15.0	15.8	16.5	17.4	18.2
Asian/Pacific Islander .....	197.9	286.4	572.4	978.2	1,281.6	1,277.0	1,258.2	1,259.7	1,272.2	1,284.3	1,306.5	1.8	2.4	4.3	6.6	6.3	6.3	6.4	6.6	6.6	6.8	6.9
Asian .....	—	—	—	—	1,217.6	1,211.0	1,194.7	1,198.7	1,213.8	1,229.0	1,253.3	—	—	—	—	6.0	6.0	6.0	6.1	6.3	6.5	6.7
Pacific Islander .....	—	—	—	—	64.0	66.0	63.5	61.0	58.5	55.3	53.2	—	—	—	—	0.3	0.3	0.3	0.3	0.3	0.3	0.3
American Indian/Alaska Native .....	76.1	83.9	102.8	151.2	196.2	186.2	173.0	162.2	152.9	146.1	142.3	0.7	0.7	0.8	1.0	1.0	0.9	0.9	0.8	0.8	0.8	0.8
Two or more races .....	—	—	—	—	325.4	432.7	504.8	560.0	642.2	657.6	666.4	—	—	—	—	1.6	2.1	2.5	2.9	3.3	3.5	3.5
Nonresident alien <sup>1</sup> .....	218.7	305.0	391.5	528.7	707.7	740.5	783.6	840.2	917.8	982.3	998.0	†	†	†	†	†	†	†	†	†	†	†
<b>Male</b> .....	<b>5,794.4</b>	<b>5,868.1</b>	<b>6,283.9</b>	<b>6,721.8</b>	<b>9,045.8</b>	<b>9,034.3</b>	<b>8,919.0</b>	<b>8,861.2</b>	<b>8,797.5</b>	<b>8,723.8</b>	<b>8,635.7</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>
White .....	4,813.7	4,772.9	4,861.0	4,634.6	5,605.8	5,457.2	5,285.3	5,132.4	4,974.3	4,848.5	4,734.4	85.3	84.4	80.5	72.1	64.7	62.2	61.1	60.0	59.3	58.6	58.6
Total, selected races/ethnicities .....	826.6	884.4	1,176.6	1,789.8	3,060.3	3,177.9	3,208.6	3,268.7	3,313.4	3,326.8	3,345.8	14.7	15.6	19.5	27.9	35.3	36.8	37.8	38.9	40.0	40.7	41.4
Black .....	469.9	463.7	484.7	635.3	1,089.0	1,107.8	1,079.1	1,064.9	1,035.1	998.9	959.0	8.3	8.2	8.0	9.9	12.6	12.8	12.7	12.7	12.5	12.2	11.9
Hispanic .....	209.7	231.6	353.9	627.1	1,157.6	1,215.8	1,254.6	1,307.7	1,348.2	1,389.2	1,438.7	3.7	4.1	5.9	9.8	13.4	14.1	14.8	15.6	16.3	17.0	17.8
Asian/Pacific Islander .....	108.4	151.3	294.9	465.9	600.6	600.7	593.1	594.3	599.1	602.9	610.0	1.9	2.7	4.9	7.3	6.9	7.0	7.1	7.2	7.4	7.5	7.5
Asian .....	—	—	—	—	572.1	571.6	564.7	567.1	573.0	577.8	586.3	—	—	—	—	6.6	6.6	6.6	6.8	6.9	7.1	7.3
Pacific Islander .....	—	—	—	—	28.5	29.1	28.4	27.2	26.1	25.1	23.7	—	—	—	—	0.3	0.3	0.3	0.3	0.3	0.3	0.3
American Indian/Alaska Native .....	38.5	37.8	43.1	61.4	78.7	73.8	68.7	64.7	61.3	58.2	56.3	0.7	0.7	0.7	1.0	0.9	0.9	0.8	0.8	0.7	0.7	0.7
Two or more races .....	—	—	—	—	134.4	179.8	213.2	237.1	269.7	277.6	281.9	—	—	—	—	1.6	2.1	2.5	2.8	3.3	3.4	3.5
Nonresident alien <sup>1</sup> .....	154.1	210.8	246.3	297.3	379.6	399.1	425.1	460.1	509.9	548.6	555.5	†	†	†	†	†	†	†	†	†	†	†
<b>Female</b> .....	<b>5,191.2</b>	<b>6,218.7</b>	<b>7,534.7</b>	<b>8,590.5</b>	<b>11,973.7</b>	<b>11,976.3</b>	<b>11,725.5</b>	<b>11,515.5</b>	<b>11,411.6</b>	<b>11,264.4</b>	<b>11,205.3</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>
White .....	4,262.4	5,060.1	5,861.5	5,827.5	7,115.0	6,944.6	6,696.8	6,457.0	6,265.0	6,090.7	5,978.6	83.1	82.6	79.3	69.7	61.1	59.7	58.9	58.0	56.9	56.2	55.5
Total, selected races/ethnicities .....	864.2	1,064.4	1,528.1	2,531.7	4,530.7	4,690.4	4,670.1	4,678.4	4,738.6	4,739.9	4,784.2	16.9	17.4	20.7	30.3	38.9	40.3	41.1	42.0	43.1	43.8	44.5
Black .....	563.1	643.0	762.3	1,095.0	1,949.9	1,971.4	1,883.3	1,807.1	1,757.7	1,682.1	1,629.2	11.0	10.5	10.3	13.1	16.7	16.9	16.6	16.2	16.0	15.5	15.1
Hispanic .....	174.1	240.1	428.5	834.7	1,591.2	1,677.2	1,725.7	1,785.5	1,843.7	1,908.5	1,988.0	3.4	3.9	5.8	10.0	13.7	14.4	15.2	16.0	16.8	17.6	18.5
Asian/Pacific Islander .....	89.4	135.2	277.5	512.3	681.0	676.4	665.1	665.4	673.1	681.5	696.5	1.7	2.2	3.8	6.1	5.8	5.8	5.9	6.0	6.1	6.3	6.5
Asian .....	—	—	—	—	645.5	639.4	630.0	631.6	640.7	651.3	667.0	—	—	—	—	5.5	5.5	5.5	5.7	5.8	6.0	6.2
Pacific Islander .....	—	—	—	—	35.5	36.9	35.1	33.7	32.4	30.2	29.5	—	—	—	—	0.3	0.3	0.3	0.3	0.3	0.3	0.3
American Indian/Alaska Native .....	37.6	46.1	59.7	89.7	117.5	112.5	104.4	97.5	91.6	88.0	86.0	0.7	0.8	0.8	1.1	1.0	0.9	0.9	0.8	0.8	0.8	0.8
Two or more races .....	—	—	—	—	191.0	253.0	291.6	322.9	372.5	379.9	384.5	—	—	—	—	1.6	2.2	2.6	2.9	3.4	3.5	3.6
Nonresident alien <sup>1</sup> .....	64.6	94.2	145.2	231.4	328.0	341.4	358.5	380.1	407.9	433.7	442.5	†	†	†	†	†	†	†	†	†	†	†
<b>Full-time</b> .....	<b>6,703.6</b>	<b>7,088.9</b>	<b>7,821.0</b>	<b>9,009.6</b>	<b>13,087.2</b>	<b>13,002.5</b>	<b>12,734.4</b>	<b>12,596.6</b>	<b>12,454.5</b>	<b>12,287.5</b>	<b>12,126.3</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>
White .....	5,512.6	5,717.0	6,016.5	6,231.1	8,053.5	7,781.2	7,484.4	7,237.7	6,983.3	6,784.0	6,611.1	84.2	83.4	79.9	72.5	64.3	62.7	61.9	60.8	59.7	59.1	58.5
Total, selected races/ethnicities .....	1,030.9	1,137.5	1,514.9	2,368.5	4,468.5	4,623.1	4,608.1	4,663.7	4,708.6	4,690.3	4,687.3	15.8	16.6	20.1	27.5	35.7	37.3	38.1	39.2	40.3	40.9	41.5
Black .....	659.2	685.6	718.3	982.6	1,811.3	1,807.3	1,719.9	1,669.0	1,600.4	1,537.3	1,470.1	10.1	10.0	9.5	11.4	14.5	14.6	14.2	14.0	13.7	13.4	13.0
Hispanic .....	211.1	247.0	394.7	710.3	1,501.0	1,593.3	1,631.7	1,701.8	1,747.9	1,786.2	1,843.6	3.2	3.6	5.2	8.3	12.0	12.8	13.5	14.3	14.9	15.6	16.3
Asian/Pacific Islander .....	117.7	162.0	347.4	591.2	820.8	822.1	814.6	821.2	832.1	843.8	857.3	1.8	2.4	4.6	6.9	6.6	6.6	6.7	6.9	7.1	7.4	7.6
Asian .....	—	—	—	—	783.0	782.9	777.7	785.5	798.1	812.2	826.8	—	—	—	—	6.3	6.3	6.4	6.6	6.8	7.1	7.3
Pacific Islander .....	—	—	—	—	37.8	39.2	36.9	35.7	34.0	31.6	30.4	—	—	—	—	0.3	0.3	0.3	0.3	0.3	0.3	0.3
American Indian/Alaska Native .....	43.0	43.0	54.4	84.4	118.3	110.8	102.1	94.2	88.0	82.8	80.5	0.7	0.6	0.7	1.0	0.9	0.9	0.8	0.8	0.8	0.7	0.7
Two or more races .....	—	—	—	—	217.2	289.6	339.7	377.5	440.3	440.2	435.9	—	—	—	—	1.7	2.3	2.8	3.2	3.8	3.8	3.9
Nonresident alien <sup>1</sup> .....	160.0	234.4	289.6	410.0	565.2	598.2	641.9	695.2	762.6	813.2	827.9	†	†	†	†	†	†	†	†	†	†	†
<b>Part-time</b> .....	<b>4,282.1</b>	<b>4,997.9</b>	<b>5,997.7</b>	<b>6,302.7</b>	<b>7,932.3</b>	<b>8,008.1</b>	<b>7,910.1</b>	<b>7,780.1</b>	<b>7,754.6</b>	<b>7,700.7</b>	<b>7,714.7</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>
White .....	3,563.5	4,116.0	4,706.0	4,231.0	4,667.3	4,497.7	4,351.7	4,256.0	4,155.1	4,101.8	4,018.8	84.4	83.5	79.8	68.4	59.9	57.9	57.0	56.0	55.2	54.4	54.4
Total, selected races/ethnicities .....	659.9	811.3	1,189.8	1,953.0	3,122.5	3,245.2	3,270.6	3,283.4	3,343.4	3,376.4	3,442.7	15.6	16.5	20.2	31.6	40.1	41.3	42.1	43.0	44.0	44.8	45.6
Black .....	373.8	421.2	528.7	747.7	1,227.0	1,272.0	1,242.5	1,203.0	1,192.5	1,143.7	1,118.1	8.9	8.5	9.0	12.1	15.8	16.2	16.0	15.8	15.7	15.2	14.8
Hispanic .....	172.7	224.8	387.7	751.5	1,247.9	1,299.7	1,348.6	1,391.4	1,444.0	1,511.5	1,583.2	4.1	4.6	6.6	12.2	16.0	16.5	17.4	18.2	19.0	20.1	21.0
Asian/Pacific Islander .....	80.2	124.4	225.1	387.1	460.8	454.9	443.7	438.5	440.2	440.5	449.2	1.9	2.5	3.8	6.3	5.9	5.8	5.7	5.7	5.8	5.8	6.0
Asian .....	—	—	—	—	434.6	428.1	417.0	413.2														

**Table 306.10. Total fall enrollment in degree-granting postsecondary institutions, by level of enrollment, sex, attendance status, and race/ethnicity of student: Selected years, 1976 through 2016—Continued**

Level of enrollment, sex, attendance status, and race/ethnicity of student	Fall enrollment (in thousands)											Percentage distribution of U.S. residents										
	1976	1980	1990	2000	2010	2011	2012	2013	2014	2015	2016	1976	1980	1990	2000	2010	2011	2012	2013	2014	2015	2016
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
<b>Undergraduate, total</b> .....	<b>9,419.0</b>	<b>10,469.1</b>	<b>11,959.1</b>	<b>13,155.4</b>	<b>18,082.4</b>	<b>18,077.3</b>	<b>17,735.6</b>	<b>17,476.3</b>	<b>17,294.1</b>	<b>17,046.7</b>	<b>16,869.2</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>
White.....	7,740.5	8,480.7	9,272.6	8,983.5	10,895.9	10,618.6	10,249.1	9,898.1	9,582.5	9,303.8	9,082.1	83.4	82.7	79.0	69.8	61.6	60.1	59.3	58.2	57.2	56.4	55.7
Total, selected races/ethnicities.....	1,535.3	1,778.5	2,467.7	3,884.0	6,788.1	7,036.1	7,036.0	7,094.6	7,182.3	7,177.8	7,216.9	16.6	17.3	21.0	30.2	38.4	39.9	40.7	41.8	42.8	43.6	44.3
Black.....	943.4	1,018.8	1,147.2	1,548.9	2,677.1	2,708.3	2,593.2	2,504.7	2,426.7	2,316.5	2,225.3	10.2	9.9	9.8	12.0	15.1	15.3	15.0	14.7	14.5	14.1	13.7
Hispanic.....	352.9	433.1	724.6	1,351.0	2,551.0	2,687.9	2,767.7	2,872.2	2,962.4	3,055.0	3,167.2	3.8	4.2	6.2	10.5	14.4	15.2	16.0	16.9	17.7	18.5	19.4
Asian/Pacific Islander.....	169.3	248.7	500.5	845.5	1,087.3	1,079.6	1,062.8	1,064.5	1,074.9	1,084.0	1,100.1	1.8	2.4	4.3	6.6	6.1	6.1	6.1	6.3	6.4	6.6	6.7
Asian.....	—	—	—	—	1,029.8	1,020.2	1,006.2	1,010.3	1,022.9	1,034.8	1,053.0	—	—	—	—	5.8	5.8	5.8	5.9	6.1	6.3	6.5
Pacific Islander.....	—	—	—	—	57.5	59.4	56.6	54.1	52.1	49.2	47.1	—	—	—	—	0.3	0.3	0.3	0.3	0.3	0.3	0.3
American Indian/Alaska Native.....	69.7	77.9	95.5	138.5	179.1	170.2	157.6	147.4	138.6	132.2	128.6	0.8	0.8	0.8	1.1	1.0	1.0	0.9	0.9	0.8	0.8	0.8
Two or more races.....	—	—	—	—	293.7	390.2	454.7	505.8	579.6	590.1	595.7	—	—	—	—	1.7	2.2	2.6	3.0	3.5	3.6	3.7
Nonresident alien <sup>1</sup> .....	143.2	209.9	218.7	288.0	398.4	422.6	450.6	483.6	529.3	565.1	570.3	†	†	†	†	†	†	†	†	†	†	†
<b>Male</b> .....	<b>4,896.8</b>	<b>4,997.4</b>	<b>5,379.8</b>	<b>5,773.8</b>	<b>7,836.3</b>	<b>7,823.0</b>	<b>7,714.9</b>	<b>7,660.1</b>	<b>7,586.3</b>	<b>7,502.3</b>	<b>7,414.3</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>
White.....	4,052.2	4,054.9	4,184.4	4,010.1	4,861.0	4,725.5	4,572.7	4,438.9	4,299.0	4,188.1	4,085.4	84.4	83.5	79.6	71.3	63.7	62.1	61.2	60.0	58.9	58.2	57.5
Total, selected races/ethnicities.....	748.2	802.7	1,069.3	1,618.0	2,773.8	2,879.8	2,905.0	2,962.7	3,000.4	3,007.0	3,019.3	15.6	16.5	20.4	28.7	36.3	37.9	38.8	40.0	41.1	41.8	42.5
Black.....	430.7	428.2	448.0	577.0	982.9	998.6	969.4	955.3	924.9	888.4	849.0	9.0	8.8	8.5	10.3	12.9	13.1	13.0	12.9	12.7	12.3	12.0
Hispanic.....	191.7	211.2	326.9	582.6	1,082.9	1,137.8	1,173.7	1,224.1	1,261.8	1,298.3	1,343.0	4.0	4.3	6.2	10.4	14.2	15.0	15.7	16.5	17.3	18.0	18.9
Asian/Pacific Islander.....	91.1	128.5	254.5	401.9	513.4	512.0	505.3	507.5	511.7	515.0	520.5	1.9	2.6	4.8	7.1	6.7	6.7	6.8	6.9	7.0	7.2	7.3
Asian.....	—	—	—	—	487.4	485.5	479.7	482.9	488.1	492.3	499.1	—	—	—	—	6.4	6.4	6.4	6.5	6.7	6.8	7.0
Pacific Islander.....	—	—	—	—	26.0	26.5	25.6	24.5	23.5	22.7	21.4	—	—	—	—	0.3	0.3	0.3	0.3	0.3	0.3	0.3
American Indian/Alaska Native.....	34.8	34.8	39.9	56.4	72.3	67.9	63.0	59.4	56.1	53.2	51.5	0.7	0.7	0.8	1.0	0.9	0.9	0.8	0.8	0.8	0.7	0.7
Two or more races.....	—	—	—	—	122.3	163.6	193.6	216.6	245.9	252.1	255.3	—	—	—	—	1.6	2.2	2.6	2.9	3.4	3.5	3.6
Nonresident alien <sup>1</sup> .....	96.4	139.8	126.1	150.2	201.5	217.7	237.2	258.5	286.8	307.2	309.6	†	†	†	†	†	†	†	†	†	†	†
<b>Female</b> .....	<b>4,522.1</b>	<b>5,471.7</b>	<b>6,579.3</b>	<b>7,377.1</b>	<b>10,246.1</b>	<b>10,254.3</b>	<b>10,020.7</b>	<b>9,816.2</b>	<b>9,707.8</b>	<b>9,544.4</b>	<b>9,454.9</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>
White.....	3,688.3	4,425.8	5,088.2	4,973.3	6,035.0	5,893.1	5,676.3	5,459.2	5,283.5	5,115.7	4,996.7	82.4	81.9	78.4	68.7	60.1	58.6	57.9	56.9	55.8	55.1	54.3
Total, selected races/ethnicities.....	787.0	975.8	1,398.5	2,266.0	4,014.3	4,156.4	4,131.0	4,131.8	4,181.9	4,170.8	4,197.5	17.6	18.1	21.6	31.3	39.9	41.4	42.1	43.1	44.2	44.9	45.7
Black.....	512.7	590.6	699.2	971.9	1,694.2	1,709.7	1,623.8	1,549.4	1,501.7	1,428.2	1,376.3	11.5	10.9	10.8	13.4	16.9	17.0	16.6	16.2	15.9	15.4	15.0
Hispanic.....	161.2	221.8	397.6	768.4	1,468.1	1,550.1	1,594.0	1,648.1	1,700.6	1,756.7	1,824.2	3.6	4.1	6.1	10.6	14.6	15.4	16.3	17.2	18.0	18.9	19.8
Asian/Pacific Islander.....	78.2	120.2	246.0	443.6	573.9	567.6	557.0	553.2	563.2	569.0	579.6	1.7	2.2	3.8	6.1	5.7	5.6	5.7	5.8	6.0	6.1	6.3
Asian.....	—	—	—	—	542.4	534.7	526.5	527.4	534.7	542.5	553.9	—	—	—	—	5.4	5.3	5.4	5.5	5.6	5.8	6.0
Pacific Islander.....	—	—	—	—	31.5	32.9	31.0	29.6	28.5	26.5	25.7	—	—	—	—	0.3	0.3	0.3	0.3	0.3	0.3	0.3
American Indian/Alaska Native.....	34.9	43.1	55.5	82.1	106.8	102.3	94.6	88.0	82.6	79.1	77.1	0.8	0.8	0.9	1.1	1.1	1.0	1.0	0.9	0.9	0.9	0.8
Two or more races.....	—	—	—	—	171.3	226.7	261.1	289.2	333.7	337.9	340.4	—	—	—	—	1.7	2.3	2.7	3.0	3.5	3.6	3.7
Nonresident alien <sup>1</sup> .....	46.8	70.1	92.6	137.8	196.9	204.9	213.4	225.1	242.5	257.9	260.7	†	†	†	†	†	†	†	†	†	†	†
<b>Postbaccalaureate, total</b> .....	<b>1,566.6</b>	<b>1,617.7</b>	<b>1,859.5</b>	<b>2,156.9</b>	<b>2,937.0</b>	<b>2,933.3</b>	<b>2,908.8</b>	<b>2,900.4</b>	<b>2,915.0</b>	<b>2,941.5</b>	<b>2,971.8</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>
White.....	1,335.6	1,352.4	1,449.8	1,478.6	1,824.9	1,783.3	1,733.1	1,691.3	1,656.7	1,635.4	1,630.8	89.6	88.8	86.0	77.2	69.4	68.2	67.3	66.5	65.6	64.8	64.1
Total, selected races/ethnicities.....	155.5	170.3	237.0	437.5	802.8	832.1	842.8	852.5	869.7	888.9	913.2	10.4	11.2	14.0	22.8	30.6	31.8	32.7	33.5	34.4	35.2	35.9
Black.....	89.7	87.9	99.8	181.4	361.9	370.9	369.2	367.3	366.2	364.5	362.9	6.0	5.8	5.9	9.5	13.8	14.2	14.3	14.4	14.5	14.4	14.3
Hispanic.....	30.9	38.6	57.9	110.8	197.8	205.1	212.6	221.0	229.4	242.7	259.6	2.1	2.5	3.4	5.8	7.5	7.8	8.3	8.7	9.1	9.6	10.2
Asian/Pacific Islander.....	28.6	37.7	72.0	132.7	194.3	197.4	195.4	195.2	197.3	200.3	206.3	1.9	2.5	4.3	6.9	7.4	7.5	7.6	7.7	7.8	7.9	8.1
Asian.....	—	—	—	—	187.8	190.8	188.5	188.4	190.9	194.3	200.2	—	—	—	—	7.1	7.3	7.3	7.4	7.6	7.7	7.9
Pacific Islander.....	—	—	—	—	6.5	6.7	6.9	6.8	6.4	6.1	6.1	—	—	—	—	0.2	0.3	0.3	0.3	0.3	0.2	0.2
American Indian/Alaska Native.....	6.4	6.0	7.3	12.6	17.1	16.1	15.4	14.8	14.3	13.9	13.7	0.4	0.4	0.4	0.7	0.7	0.6	0.6	0.6	0.6	0.6	0.5
Two or more races.....	—	—	—	—	31.7	42.5	50.1	54.2	62.6	67.5	70.7	—	—	—	—	1.2	1.6	1.9	2.1	2.5	2.7	2.8
Nonresident alien <sup>1</sup> .....	75.5	95.1	172.7	240.7	309.3	317.9	333.0	356.5	388.5	417.2	427.8	†	†	†	†	†	†	†	†	†	†	†
<b>Male</b> .....	<b>897.6</b>	<b>870.7</b>	<b>904.2</b>	<b>943.5</b>	<b>1,209.5</b>	<b>1,211.3</b>	<b>1,204.1</b>	<b>1,201.1</b>	<b>1,211.2</b>	<b>1,221.6</b>	<b>1,221.4</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>
White.....	761.6	718.1	676.6	624.5	744.9	731.8	712.6	693.5	675.2	660.3	649.0	90.7	89.8	86.3	78.4	72.2	71.1	70.1	69.4	68.3	67.4	66.5
Total, selected races/ethnicities.....	78.4	81.7	107.4	171.9	286.5	298.1	303.6	306.0	313.0	319.8	326.5	9.3	10.2	13.7	21.6	27.8	28.9	29.9	30.6	31.7	32.6	33.5
Black.....	39.2	35.5	36.7	58.3	106.1	109.3	109.7	109.6	110.2	110.5	110.0	4.7	4.4	4.7	7.3	10.3	10.6	10.8	11.0	11.1	11.3	11.3
Hispanic.....	18.1	20.4	27.0	44.5	74.7	78.0	80.9	83.6	86.4	90.9	95.8	2.2	2.5	3.4	5.6	7.2	7.6	8.0	8.4	8.7	9.3	9.8
Asian/Pacific Islander.....	17.4	22.8	40.4	64.0	87.2	88.7	87.8	86.9	87.4	87.8	89.4	2.1	2.8	5.2	8.0	8.5	8.6	8.6	8.7	8.8	9.0	9.2
Asian.....	—	—	—	—	84.7	86.1	85.0	84.2	84.9	85.5	87.2	—	—	—	—	8.2	8.4	8.4	8.4	8.6	8.7	8.9
Pacific Islander.....	—	—	—	—	2.5	2.6	2.8															

**Table 306.10. Total fall enrollment in degree-granting postsecondary institutions, by level of enrollment, sex, attendance status, and race/ethnicity of student: Selected years, 1976 through 2016—Continued**

Level of enrollment, sex, attendance status, and race/ethnicity of student	Fall enrollment (in thousands)											Percentage distribution of U.S. residents										
	1976	1980	1990	2000	2010	2011	2012	2013	2014	2015	2016	1976	1980	1990	2000	2010	2011	2012	2013	2014	2015	2016
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
Female.....	669.1	747.0	955.4	1,213.4	1,727.5	1,722.0	1,704.8	1,699.3	1,703.7	1,720.0	1,750.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
White.....	574.1	634.3	773.2	854.1	1,080.0	1,051.5	1,020.5	997.8	981.5	975.0	981.8	88.1	87.7	85.6	76.3	67.7	66.3	65.4	64.6	63.8	63.1	62.6
Total, selected races/ethnicities .....	77.2	88.6	129.6	265.7	516.4	534.0	539.1	546.5	556.8	569.2	586.7	11.9	12.3	14.4	23.7	32.3	33.7	34.6	35.4	36.2	36.9	37.4
Black .....	50.5	52.4	63.1	123.1	255.8	261.7	259.5	257.7	256.0	254.0	253.0	7.7	7.2	7.0	11.0	16.0	16.5	16.6	16.7	16.6	16.4	16.1
Hispanic .....	12.8	18.3	30.9	66.3	123.1	127.1	131.8	137.4	143.1	151.8	163.8	2.0	2.5	3.4	5.9	7.7	8.0	8.4	8.9	9.3	9.8	10.4
Asian/Pacific Islander.....	11.2	15.0	31.5	68.7	107.0	108.7	107.6	108.3	109.9	112.5	116.9	1.7	2.1	3.5	6.1	6.7	6.9	6.9	7.0	7.1	7.3	7.5
Asian .....	—	—	—	—	103.1	104.7	103.5	104.2	106.0	108.8	113.1	—	—	—	—	6.5	6.6	6.6	6.7	6.9	7.0	7.2
Pacific Islander .....	—	—	—	—	3.9	4.0	4.1	4.1	3.9	3.7	3.8	—	—	—	—	0.2	0.3	0.3	0.3	0.3	0.3	0.2
American Indian/Alaska Native .....	2.7	3.0	4.1	7.6	10.7	10.2	9.8	9.5	9.0	8.9	8.9	0.4	0.4	0.5	0.7	0.7	0.6	0.6	0.6	0.6	0.6	0.6
Two or more races.....	—	—	—	—	19.7	26.3	30.5	33.6	38.8	42.0	44.1	—	—	—	—	1.2	1.7	2.0	2.2	2.5	2.7	2.8
Nonresident alien <sup>1</sup> .....	17.8	24.1	52.5	93.6	131.1	136.5	145.1	155.0	165.5	175.8	181.9	†	†	†	†	†	†	†	†	†	†	†

—Not available.

†Not applicable.

<sup>1</sup>Race/ethnicity not collected.

NOTE: Race categories exclude persons of Hispanic ethnicity. Because of underreporting and nonreporting of racial/ethnic data, some figures are slightly lower than corresponding data in other tables. Data through 1990 are for institutions of higher education, while later data are for degree-granting institutions. Degree-granting institutions grant associate's or higher degrees and participate in Title IV federal financial aid programs. The degree-granting classification is very similar to the earlier higher educa-

tion classification, but it includes more 2-year colleges and excludes a few higher education institutions that did not grant degrees. Some data have been revised from previously published figures. Detail may not sum to totals because of rounding.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Higher Education General Information Survey (HEGIS), "Fall Enrollment in Colleges and Universities" surveys, 1976 and 1980; Integrated Postsecondary Education Data System (IPEDS), "Fall Enrollment Survey" (IPEDS-EF:90); and IPEDS Spring 2001 through Spring 2017, Fall Enrollment component. (This table was prepared December 2017.)

**Table 306.20. Total fall enrollment in degree-granting postsecondary institutions, by level and control of institution and race/ethnicity of student: Selected years, 1976 through 2016**

Level and control of institution and race/ethnicity of student	Fall enrollment (in thousands)											Percentage distribution of U.S. residents										
	1976	1980	1990	2000	2010	2011	2012	2013	2014	2015	2016	1976	1980	1990	2000	2010	2011	2012	2013	2014	2015	2016
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
<b>All students, total</b> .....	<b>10,985.6</b>	<b>12,086.8</b>	<b>13,818.6</b>	<b>15,312.3</b>	<b>21,019.4</b>	<b>21,010.6</b>	<b>20,644.5</b>	<b>20,376.7</b>	<b>20,209.1</b>	<b>19,988.2</b>	<b>19,841.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>
White .....	9,076.1	9,833.0	10,722.5	10,462.1	12,720.8	12,401.9	11,982.2	11,589.4	11,239.3	10,939.2	10,712.9	84.3	83.5	79.9	70.8	62.6	61.2	60.3	59.3	58.3	57.6	56.9
Total, selected races/ethnicities .....	1,690.8	1,948.8	2,704.7	4,321.5	7,591.0	7,868.2	7,878.7	7,947.1	8,052.0	8,066.7	8,130.1	15.7	16.5	20.1	29.2	37.4	38.8	39.7	40.7	41.7	42.4	43.1
Black .....	1,033.0	1,106.8	1,247.0	1,730.3	3,039.0	3,079.2	2,962.4	2,872.0	2,792.8	2,681.0	2,588.2	9.6	9.4	9.3	11.7	15.0	15.2	14.9	14.7	14.5	14.1	13.7
Hispanic .....	383.8	471.7	782.4	1,461.8	2,748.8	2,893.0	2,980.3	3,093.2	3,191.9	3,297.7	3,426.8	3.6	4.0	5.8	9.9	13.5	14.3	15.0	15.8	16.5	17.4	18.2
Asian/Pacific Islander .....	197.9	286.4	572.4	978.2	1,281.6	1,277.0	1,258.2	1,259.7	1,272.2	1,284.3	1,306.5	1.8	2.4	4.3	6.6	6.3	6.3	6.3	6.4	6.6	6.8	6.9
Asian .....	—	—	—	—	1,217.6	1,211.0	1,194.7	1,198.7	1,213.8	1,229.0	1,253.3	—	—	—	—	6.0	6.0	6.0	6.1	6.3	6.5	6.7
Pacific Islander .....	—	—	—	—	64.0	66.0	63.5	61.0	58.5	55.3	53.2	—	—	—	—	0.3	0.3	0.3	0.3	0.3	0.3	0.3
American Indian/Alaska Native .....	76.1	83.9	102.8	151.2	196.2	186.2	173.0	162.2	152.9	146.1	142.3	0.7	0.7	0.8	1.0	1.0	0.9	0.9	0.8	0.8	0.8	0.8
Two or more races .....	—	—	—	—	325.4	432.7	504.8	560.0	642.2	657.6	666.4	—	—	—	—	1.6	2.1	2.5	2.9	3.3	3.5	3.5
Nonresident alien <sup>1</sup> .....	218.7	305.0	391.5	528.7	707.7	740.5	783.6	840.2	917.8	982.3	998.0	†	†	†	†	†	†	†	†	†	†	†
<b>Public</b> .....	<b>8,641.0</b>	<b>9,456.4</b>	<b>10,844.7</b>	<b>11,752.8</b>	<b>15,142.2</b>	<b>15,116.3</b>	<b>14,884.7</b>	<b>14,746.8</b>	<b>14,654.7</b>	<b>14,572.8</b>	<b>14,583.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>
White .....	7,094.5	7,656.1	8,385.4	7,963.4	9,182.1	8,938.2	8,636.4	8,363.3	8,119.6	7,910.7	7,785.6	83.5	82.7	79.2	69.8	62.5	61.0	60.0	58.8	57.7	56.7	55.8
Total, selected races/ethnicities .....	1,401.2	1,596.2	2,199.2	3,446.3	5,507.1	5,706.0	5,748.8	5,849.1	5,947.5	6,035.3	6,163.8	16.5	17.3	20.8	30.2	37.5	39.0	40.0	41.2	42.3	43.3	44.2
Black .....	831.2	876.1	976.4	1,319.2	1,988.8	2,014.0	1,937.6	1,886.5	1,840.2	1,775.1	1,739.6	9.8	9.5	9.2	11.6	13.5	13.8	13.5	13.3	13.1	12.7	12.5
Hispanic .....	336.8	406.2	671.4	1,229.3	2,163.8	2,277.6	2,366.8	2,479.4	2,580.4	2,694.5	2,818.6	4.0	4.4	6.3	10.8	14.7	15.6	16.5	17.4	18.3	19.3	20.2
Asian/Pacific Islander .....	165.7	239.7	461.0	770.5	968.7	958.5	942.6	944.9	955.9	970.1	990.4	2.0	2.6	4.4	6.8	6.6	6.5	6.6	6.6	6.8	7.0	7.1
Asian .....	—	—	—	—	924.8	915.5	901.2	905.7	918.5	934.3	955.8	—	—	—	—	6.3	6.3	6.3	6.4	6.5	6.7	6.9
Pacific Islander .....	—	—	—	—	43.9	43.0	41.4	39.2	37.4	35.8	34.6	—	—	—	—	0.3	0.3	0.3	0.3	0.3	0.3	0.2
American Indian/Alaska Native .....	67.5	74.2	90.4	127.3	150.8	142.5	131.8	124.4	117.8	113.7	110.7	0.8	0.8	0.9	1.1	1.0	1.0	0.9	0.9	0.8	0.8	0.8
Two or more races .....	—	—	—	—	235.0	313.4	370.0	414.0	453.2	482.0	504.6	—	—	—	—	1.6	2.1	2.6	2.9	3.2	3.5	3.6
Nonresident alien <sup>1</sup> .....	145.3	204.2	260.0	343.1	453.0	472.0	499.5	534.5	587.6	626.8	633.5	†	†	†	†	†	†	†	†	†	†	†
<b>Private</b> .....	<b>2,344.6</b>	<b>2,630.4</b>	<b>2,973.9</b>	<b>3,559.5</b>	<b>5,877.3</b>	<b>5,894.3</b>	<b>5,759.8</b>	<b>5,629.8</b>	<b>5,554.4</b>	<b>5,415.4</b>	<b>5,258.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>
White .....	1,981.6	2,176.9	2,337.0	2,498.7	3,538.7	3,463.6	3,345.7	3,226.1	3,119.7	3,028.5	2,927.3	87.3	86.1	82.2	74.1	62.9	61.6	61.1	60.6	59.7	59.9	59.8
Total, selected races/ethnicities .....	289.6	352.7	505.5	875.2	2,083.9	2,162.2	2,130.0	2,098.0	2,104.5	2,031.4	1,966.3	12.7	13.9	17.8	25.9	37.1	38.4	38.9	39.4	40.3	40.1	40.2
Black .....	201.8	230.7	270.6	411.1	1,050.2	1,065.2	1,024.9	985.6	952.7	906.0	848.6	8.9	9.1	9.5	12.2	18.7	18.9	18.7	18.5	18.2	17.9	17.3
Hispanic .....	47.0	65.6	111.0	232.5	585.0	615.4	613.5	613.8	611.4	603.2	608.2	2.1	2.6	3.9	6.9	10.4	10.9	11.2	11.5	11.7	11.9	12.4
Asian/Pacific Islander .....	32.2	46.7	111.5	207.7	312.8	318.6	315.6	314.8	316.4	314.2	316.1	1.4	1.8	3.9	6.2	5.6	5.7	5.8	5.9	6.1	6.2	6.5
Asian .....	—	—	—	—	292.7	295.5	293.5	293.0	295.3	294.7	297.5	—	—	—	—	5.2	5.3	5.4	5.5	5.7	5.8	6.1
Pacific Islander .....	—	—	—	—	20.1	23.0	22.2	21.8	21.1	19.5	18.6	—	—	—	—	0.4	0.4	0.4	0.4	0.4	0.4	0.4
American Indian/Alaska Native .....	8.6	9.7	12.4	23.9	45.5	43.7	41.3	37.8	35.1	32.5	31.6	0.4	0.4	0.4	0.7	0.8	0.8	0.8	0.7	0.7	0.6	0.6
Two or more races .....	—	—	—	—	90.4	119.3	134.7	146.0	189.0	175.6	161.8	—	—	—	—	1.6	2.1	2.5	2.7	3.6	3.5	3.3
Nonresident alien <sup>1</sup> .....	73.4	100.8	131.4	185.6	254.7	268.5	284.1	305.7	330.2	355.5	364.5	†	†	†	†	†	†	†	†	†	†	†
<b>4-year, total</b> .....	<b>7,106.5</b>	<b>7,565.4</b>	<b>8,578.6</b>	<b>9,363.9</b>	<b>13,335.8</b>	<b>13,499.4</b>	<b>13,476.6</b>	<b>13,406.0</b>	<b>13,494.4</b>	<b>13,488.7</b>	<b>13,750.8</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>
White .....	5,999.0	6,274.5	6,768.1	6,658.0	8,399.5	8,309.6	8,143.2	7,954.2	7,829.1	7,713.4	7,712.5	86.6	85.7	82.0	74.6	66.0	64.6	63.7	62.8	61.8	61.2	60.0
Total, selected races/ethnicities .....	931.0	1,049.9	1,486.1	2,266.1	4,328.0	4,545.2	4,643.5	4,703.8	4,843.0	4,897.2	5,134.4	13.4	14.3	18.0	25.4	34.0	35.4	36.3	37.2	38.2	38.8	40.0
Black .....	603.7	634.3	722.8	995.4	1,840.0	1,879.7	1,845.6	1,799.2	1,778.7	1,740.5	1,722.8	8.7	8.7	8.8	11.2	14.5	14.6	14.4	14.2	14.0	13.8	13.4
Hispanic .....	173.6	216.6	358.2	617.9	1,355.9	1,453.5	1,532.6	1,599.6	1,670.8	1,742.1	1,932.2	2.5	3.0	4.3	6.9	10.7	11.3	12.0	12.6	13.2	13.8	15.0
Asian/Pacific Islander .....	118.7	162.1	357.2	576.3	818.5	831.9	834.3	843.7	864.8	882.5	929.3	1.7	2.2	4.3	6.5	6.4	6.5	6.5	6.7	6.8	7.0	7.2
Asian .....	—	—	—	—	782.5	793.2	795.6	806.1	827.5	847.1	893.6	—	—	—	—	6.1	6.2	6.2	6.4	6.5	6.7	7.0
Pacific Islander .....	—	—	—	—	36.0	38.7	38.7	37.6	37.3	35.4	35.7	—	—	—	—	0.3	0.3	0.3	0.3	0.3	0.3	0.3
American Indian/Alaska Native .....	35.0	36.9	47.9	76.5	109.0	105.1	98.1	91.4	87.0	83.4	83.6	0.5	0.5	0.6	0.9	0.9	0.8	0.8	0.7	0.7	0.7	0.7
Two or more races .....	—	—	—	—	204.6	275.0	332.9	369.8	441.7	448.8	466.5	—	—	—	—	1.6	2.1	2.6	2.9	3.5	3.6	3.6
Nonresident alien <sup>1</sup> .....	176.5	240.9	324.3	439.7	608.3	644.6	689.9	748.0	822.4	878.1	903.9	†	†	†	†	†	†	†	†	†	†	†
<b>Public</b> .....	<b>4,892.9</b>	<b>5,127.6</b>	<b>5,848.2</b>	<b>6,055.4</b>	<b>7,924.1</b>	<b>8,048.1</b>	<b>8,092.6</b>	<b>8,120.4</b>	<b>8,257.1</b>	<b>8,348.5</b>	<b>8,741.9</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>
White .....	4,120.2	4,243.0	4,605.6	4,311.2	5,069.6	5,028.3	4,952.3	4,867.1	4,833.9	4,790.3	4,878.6	86.1	85.1	81.5	74.4	67.0	65.6	64.4	63.4	62.3	61.2	59.5
Total, selected races/ethnicities .....	666.7	740.8	1,046.2	1,486.4	2,496.8	2,640.2	2,732.0	2,808.6	2,928.6	3,032.7	3,320.7	13.9	14.9	18.5	25.6	33.0	34.4	35.6	36.6	37.7	38.8	40.5
Black .....	421.8	438.2	495.1	627.8	912.6	931.8	922.5	909.0	914.8	916.0	950.8	8.8	8.8	8.8	10.8	12.1	12.2	12.0	11.8	11.8	11.7	11.6
Hispanic .....	129.3	156.4	262.5	420.0	869.5	945.5	1,007.0	1,063.4	1,133.0	1,199.5	1,379.5	2.7	3.1	4.6	7.2	11.5	12.3	13.1	13.9	14.6	15.3	16.8
Asian/Pacific Islander .....	87.5	117.2	250.6	381.3	522.8	531.4	535.0	544.7	563.1	579.4	623.5	1.8	2.4	4.4	6.6	6.9	6.9	7.0	7.1	7.3	7.4	7.6
Asian .....	—	—	—	—	504.7																	

**Table 306.20. Total fall enrollment in degree-granting postsecondary institutions, by level and control of institution and race/ethnicity of student: Selected years, 1976 through 2016—Continued**

Level and control of institution and race/ethnicity of student	Fall enrollment (in thousands)											Percentage distribution of U.S. residents										
	1976	1980	1990	2000	2010	2011	2012	2013	2014	2015	2016	1976	1980	1990	2000	2010	2011	2012	2013	2014	2015	2016
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
Private .....	2,213.6	2,437.8	2,730.3	3,308.5	5,411.7	5,451.3	5,384.0	5,285.6	5,237.3	5,140.2	5,008.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
White .....	1,878.8	2,031.5	2,162.5	2,346.9	3,330.0	3,281.2	3,190.9	3,087.1	2,995.2	2,923.1	2,833.8	87.7	86.8	83.1	75.1	64.5	63.3	62.5	62.0	61.0	61.1	61.0
Total, selected races/ethnicities .....	264.3	309.2	439.8	779.7	1,831.2	1,905.0	1,911.4	1,895.2	1,914.3	1,864.5	1,813.7	12.3	13.2	16.9	24.9	35.5	36.7	37.5	38.0	39.0	38.9	39.0
Black .....	182.0	196.1	227.7	367.6	927.4	947.9	923.1	890.3	864.0	824.5	772.0	8.5	8.4	8.7	11.8	18.0	18.3	18.1	17.9	17.6	17.2	16.6
Hispanic .....	44.3	60.2	95.7	197.9	486.3	508.0	525.6	536.2	537.8	542.7	552.7	2.1	2.6	3.7	6.3	9.4	9.8	10.3	10.8	11.0	11.3	11.9
Asian/Pacific Islander .....	31.2	44.9	106.6	195.0	295.7	300.6	299.3	299.0	301.7	303.0	305.8	1.5	1.9	4.1	6.2	5.7	5.8	5.9	6.0	6.1	6.3	6.6
Asian .....	—	—	—	—	277.8	280.8	279.5	280.0	283.1	285.1	288.6	—	—	—	—	5.4	5.4	5.5	5.6	5.8	6.0	6.2
Pacific Islander .....	—	—	—	—	17.9	19.7	19.8	19.0	18.6	18.0	17.2	—	—	—	—	0.3	0.4	0.4	0.4	0.4	0.4	0.4
American Indian/Alaska Native .....	6.8	7.9	9.9	19.3	39.6	38.9	36.8	33.3	31.0	28.8	28.2	0.3	0.3	0.4	0.6	0.8	0.8	0.7	0.7	0.6	0.6	0.6
Two or more races .....	—	—	—	—	82.2	109.6	126.7	136.4	179.8	165.6	154.9	—	—	—	—	1.6	2.1	2.5	2.7	3.7	3.5	3.3
Nonresident alien <sup>1</sup> .....	70.5	97.1	127.9	181.9	250.6	265.1	281.7	303.2	327.8	352.5	361.4	†	†	†	†	†	†	†	†	†	†	†
<b>2-year, total .....</b>	<b>3,879.1</b>	<b>4,521.4</b>	<b>5,240.1</b>	<b>5,948.4</b>	<b>7,683.6</b>	<b>7,511.2</b>	<b>7,167.8</b>	<b>6,970.6</b>	<b>6,714.7</b>	<b>6,499.5</b>	<b>6,090.2</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>
White .....	3,077.1	3,558.5	3,954.3	3,804.1	4,321.3	4,092.3	3,838.9	3,635.2	3,410.2	3,225.8	3,000.4	80.2	79.8	76.4	64.9	57.0	55.2	54.3	52.8	51.5	50.4	50.0
Total, selected races/ethnicities .....	759.8	898.9	1,218.6	2,055.4	3,263.0	3,323.0	3,235.3	3,243.3	3,209.1	3,169.5	2,995.7	19.8	20.2	23.6	35.1	43.0	44.8	45.7	47.2	48.5	49.6	50.0
Black .....	429.3	472.5	524.3	734.9	1,198.9	1,199.5	1,116.9	1,072.8	1,014.1	940.5	865.4	11.2	10.6	10.1	12.5	15.8	16.2	15.8	15.6	15.3	14.7	14.4
Hispanic .....	210.2	255.1	424.2	843.9	1,393.0	1,439.5	1,447.7	1,493.5	1,521.1	1,555.6	1,494.6	5.5	5.7	8.2	14.4	18.4	19.4	20.5	21.7	23.0	24.3	24.9
Asian/Pacific Islander .....	79.2	124.3	215.2	401.9	463.1	445.1	424.0	416.0	407.5	401.9	377.1	2.1	2.8	4.2	6.9	6.1	6.0	6.0	6.0	6.2	6.3	6.3
Asian .....	—	—	—	—	435.1	417.8	399.1	392.6	386.3	381.9	359.7	—	—	—	—	5.7	5.6	5.6	5.7	5.8	6.0	6.0
Pacific Islander .....	—	—	—	—	28.0	27.3	24.8	23.4	21.2	19.9	17.5	—	—	—	—	0.4	0.4	0.4	0.3	0.3	0.3	0.3
American Indian/Alaska Native .....	41.2	47.0	54.9	74.7	87.2	81.1	74.9	70.8	66.0	62.8	58.7	1.1	1.1	1.1	1.3	1.1	1.1	1.1	1.0	1.0	1.0	1.0
Two or more races .....	—	—	—	—	120.8	157.7	171.9	190.2	200.5	208.7	199.9	—	—	—	—	1.6	2.1	2.4	2.8	3.0	3.3	3.3
Nonresident alien <sup>1</sup> .....	42.2	64.1	67.1	89.0	99.3	95.9	93.7	92.1	95.4	104.2	94.1	†	†	†	†	†	†	†	†	†	†	†
Public .....	3,748.1	4,328.8	4,996.5	5,697.4	7,218.1	7,068.2	6,792.1	6,626.4	6,397.6	6,224.3	5,841.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
White .....	2,974.3	3,413.1	3,779.8	3,652.2	4,112.5	3,909.9	3,684.1	3,496.2	3,285.7	3,120.4	2,907.0	80.2	80.0	76.6	65.1	57.7	56.1	55.0	53.5	52.1	51.0	50.6
Total, selected races/ethnicities .....	734.5	855.4	1,153.0	1,959.9	3,010.3	3,065.8	3,016.7	3,040.5	3,018.9	3,002.6	2,843.1	19.8	20.0	23.4	34.9	42.3	43.9	45.0	46.5	47.9	49.0	49.4
Black .....	409.5	437.9	481.4	691.4	1,076.1	1,082.2	1,015.0	977.5	925.4	859.0	788.8	11.0	10.3	9.8	12.3	15.1	15.5	15.1	15.0	14.7	14.0	13.7
Hispanic .....	207.5	249.8	408.9	809.2	1,294.3	1,332.1	1,359.8	1,415.9	1,447.5	1,495.1	1,439.1	5.6	5.9	8.3	14.4	18.2	19.1	20.3	21.7	23.0	24.4	25.0
Asian/Pacific Islander .....	78.2	122.5	210.3	389.2	445.9	427.1	407.6	400.2	392.8	390.7	366.8	2.1	2.9	4.3	6.9	6.3	6.1	6.1	6.1	6.2	6.4	6.4
Asian .....	—	—	—	—	420.2	403.1	385.2	379.6	374.2	372.3	350.8	—	—	—	—	5.9	5.8	5.7	5.8	5.9	6.1	6.1
Pacific Islander .....	—	—	—	—	25.7	24.0	22.4	20.6	18.7	18.4	16.1	—	—	—	—	0.4	0.3	0.3	0.3	0.3	0.3	0.3
American Indian/Alaska Native .....	39.3	45.2	52.4	70.1	81.3	76.3	70.4	66.3	61.9	59.1	55.3	1.1	1.1	1.1	1.2	1.1	1.1	1.1	1.0	1.0	1.0	1.0
Two or more races .....	—	—	—	—	112.7	148.0	163.8	180.6	191.3	198.8	193.1	—	—	—	—	1.6	2.1	2.4	2.8	3.0	3.2	3.4
Nonresident alien <sup>1</sup> .....	39.2	60.3	63.6	85.2	95.2	92.5	91.3	89.7	93.0	101.3	91.0	†	†	†	†	†	†	†	†	†	†	†
Private .....	131.0	192.6	243.6	251.0	465.5	443.0	375.8	344.2	317.1	275.2	249.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
White .....	102.8	145.4	174.5	151.8	208.8	182.4	154.8	139.0	124.5	105.4	93.4	80.3	77.0	72.7	61.4	45.2	41.5	40.7	39.6	38.7	38.0	38.0
Total, selected races/ethnicities .....	25.3	43.5	65.6	95.5	252.7	257.2	218.5	202.8	190.2	166.8	152.6	19.7	23.0	27.3	38.6	54.8	58.5	59.3	60.4	61.3	62.0	62.0
Black .....	19.8	34.6	42.9	43.5	122.8	117.3	101.8	95.3	88.7	81.5	76.7	15.5	18.3	17.9	17.6	26.6	26.7	27.3	27.9	28.2	29.9	31.2
Hispanic .....	2.6	5.3	15.3	34.7	98.7	107.4	87.9	77.6	73.6	60.5	55.5	2.1	2.8	6.4	14.0	21.4	24.4	23.5	22.7	23.4	22.2	22.5
Asian/Pacific Islander .....	0.9	1.8	4.9	12.7	17.2	18.0	16.4	15.7	14.7	11.2	10.3	0.7	1.0	2.0	5.1	3.7	4.1	4.4	4.6	4.7	4.1	4.2
Asian .....	—	—	—	—	14.9	14.7	13.9	13.0	12.1	9.6	8.9	—	—	—	—	3.2	3.3	3.7	3.8	3.9	3.5	3.6
Pacific Islander .....	—	—	—	—	2.2	3.3	2.4	2.8	2.5	1.5	1.4	—	—	—	—	0.5	0.7	0.6	0.8	0.8	0.6	0.6
American Indian/Alaska Native .....	1.8	1.8	2.5	4.5	5.9	4.8	4.5	4.5	4.1	3.7	3.4	1.4	1.0	1.1	1.8	1.3	1.1	1.2	1.3	1.3	1.4	1.4
Two or more races .....	—	—	—	—	8.1	9.7	8.0	9.7	9.2	10.0	6.8	—	—	—	—	1.8	2.2	2.1	2.8	2.9	3.7	2.8
Nonresident alien <sup>1</sup> .....	3.0	3.7	3.5	3.8	4.1	3.4	2.4	2.5	2.4	2.9	3.1	†	†	†	†	†	†	†	†	†	†	†

—Not available.

†Not applicable.

<sup>1</sup>Race/ethnicity not collected.

NOTE: Race categories exclude persons of Hispanic ethnicity. Because of underreporting and nonreporting of racial/ethnic data, some figures are slightly lower than corresponding data in other tables. Data through 1990 are for institutions of higher education, while later data are for degree-granting institutions. Degree-granting institutions grant associate's or higher degrees and participate in Title IV federal financial aid programs. The degree-granting classification is very similar to the earlier higher educa-

tion classification, but it includes more 2-year colleges and excludes a few higher education institutions that did not grant degrees. Some data have been revised from previously published figures. Detail may not sum to totals because of rounding.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Higher Education General Information Survey (HEGIS), "Fall Enrollment in Colleges and Universities" surveys, 1976 and 1980; Integrated Postsecondary Education Data System (IPEDS), "Fall Enrollment Survey" (IPEDS-EF-90); and IPEDS Spring 2001 through Spring 2017, Fall Enrollment component. (This table was prepared December 2017.)

**Table 306.30. Fall enrollment of U.S. residents in degree-granting postsecondary institutions, by race/ethnicity: Selected years, 1976 through 2027**

Year	Enrollment (in thousands)									Percentage distribution								
	Total	White	Black	Hispanic	Asian/Pacific Islander			American Indian/Alaska Native	Two or more races	Total	White	Black	Hispanic	Asian/Pacific Islander			American Indian/Alaska Native	Two or more races
					Total	Asian	Pacific Islander							Total	Asian	Pacific Islander		
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
1976.....	10,767	9,076	1,033	384	198	—	—	76	—	100.0	84.3	9.6	3.6	1.8	—	—	0.7	—
1980.....	11,782	9,833	1,107	472	286	—	—	84	—	100.0	83.5	9.4	4.0	2.4	—	—	0.7	—
1990.....	13,427	10,722	1,247	782	572	—	—	103	—	100.0	79.9	9.3	5.8	4.3	—	—	0.8	—
1994.....	13,823	10,427	1,449	1,046	774	—	—	127	—	100.0	75.4	10.5	7.6	5.6	—	—	0.9	—
1995.....	13,807	10,311	1,474	1,094	797	—	—	131	—	100.0	74.7	10.7	7.9	5.8	—	—	1.0	—
1996.....	13,901	10,264	1,506	1,166	828	—	—	138	—	100.0	73.8	10.8	8.4	6.0	—	—	1.0	—
1997.....	14,037	10,266	1,551	1,218	859	—	—	142	—	100.0	73.1	11.0	8.7	6.1	—	—	1.0	—
1998.....	14,063	10,179	1,583	1,257	900	—	—	144	—	100.0	72.4	11.3	8.9	6.4	—	—	1.0	—
1999.....	14,361	10,329	1,649	1,324	914	—	—	146	—	100.0	71.9	11.5	9.2	6.4	—	—	1.0	—
2000.....	14,784	10,462	1,730	1,462	978	—	—	151	—	100.0	70.8	11.7	9.9	6.6	—	—	1.0	—
2001.....	15,363	10,775	1,850	1,561	1,019	—	—	158	—	100.0	70.1	12.0	10.2	6.6	—	—	1.0	—
2002.....	16,021	11,140	1,979	1,662	1,074	—	—	166	—	100.0	69.5	12.4	10.4	6.7	—	—	1.0	—
2003.....	16,314	11,281	2,068	1,716	1,076	—	—	173	—	100.0	69.1	12.7	10.5	6.6	—	—	1.1	—
2004.....	16,682	11,423	2,165	1,810	1,109	—	—	176	—	100.0	68.5	13.0	10.8	6.6	—	—	1.1	—
2005.....	16,903	11,495	2,215	1,882	1,134	—	—	176	—	100.0	68.0	13.1	11.1	6.7	—	—	1.0	—
2006.....	17,163	11,572	2,280	1,964	1,165	—	—	181	—	100.0	67.4	13.3	11.4	6.8	—	—	1.1	—
2007.....	17,624	11,756	2,383	2,076	1,218	—	—	190	—	100.0	66.7	13.5	11.8	6.9	—	—	1.1	—
2008.....	18,442	12,089	2,584	2,273	1,303	—	—	193	—	100.0	65.5	14.0	12.3	7.1	—	—	1.0	—
2009.....	19,631	12,669	2,884	2,537	1,335	—	—	206	—	100.0	64.5	14.7	12.9	6.8	—	—	1.0	—
2010.....	20,312	12,721	3,039	2,749	1,282	1,218	64	196	325	100.0	62.6	15.0	13.5	6.3	6.0	0.3	1.0	1.6
2011.....	20,270	12,402	3,079	2,893	1,277	1,211	66	186	433	100.0	61.2	15.2	14.3	6.3	6.0	0.3	0.9	2.1
2012.....	19,861	11,982	2,962	2,980	1,258	1,195	64	173	505	100.0	60.3	14.9	15.0	6.3	6.0	0.3	0.9	2.5
2013.....	19,537	11,589	2,872	3,093	1,260	1,199	61	162	560	100.0	59.3	14.7	15.8	6.4	6.1	0.3	0.8	2.9
2014.....	19,291	11,239	2,793	3,192	1,272	1,214	58	153	642	100.0	58.3	14.5	16.5	6.6	6.3	0.3	0.8	3.3
2015.....	19,006	10,939	2,681	3,298	1,284	1,229	55	146	658	100.0	57.6	14.1	17.4	6.8	6.5	0.3	0.8	3.5
2016.....	18,843	10,713	2,588	3,427	1,306	1,253	53	142	666	100.0	56.9	13.7	18.2	6.9	6.7	0.3	0.8	3.5
2017 <sup>1</sup> .....	18,796	10,635	2,604	3,461	1,291	—	—	140	665	100.0	56.6	13.9	18.4	6.9	—	—	0.7	3.5
2018 <sup>1</sup> .....	18,833	10,617	2,625	3,478	1,307	—	—	140	666	100.0	56.4	13.9	18.5	6.9	—	—	0.7	3.5
2019 <sup>1</sup> .....	18,870	10,568	2,643	3,532	1,321	—	—	139	667	100.0	56.0	14.0	18.7	7.0	—	—	0.7	3.5
2020 <sup>1</sup> .....	18,850	10,477	2,656	3,581	1,332	—	—	138	667	100.0	55.6	14.1	19.0	7.1	—	—	0.7	3.5
2021 <sup>1</sup> .....	18,831	10,389	2,670	3,627	1,342	—	—	136	666	100.0	55.2	14.2	19.3	7.1	—	—	0.7	3.5
2022 <sup>1</sup> .....	18,815	10,310	2,681	3,670	1,353	—	—	135	665	100.0	54.8	14.2	19.5	7.2	—	—	0.7	3.5
2023 <sup>1</sup> .....	18,809	10,229	2,696	3,718	1,366	—	—	134	665	100.0	54.4	14.3	19.8	7.3	—	—	0.7	3.5
2024 <sup>1</sup> .....	18,814	10,153	2,712	3,772	1,379	—	—	133	665	100.0	54.0	14.4	20.0	7.3	—	—	0.7	3.5
2025 <sup>1</sup> .....	18,815	10,079	2,725	3,826	1,388	—	—	132	665	100.0	53.6	14.5	20.3	7.4	—	—	0.7	3.5
2026 <sup>1</sup> .....	18,822	10,006	2,743	3,881	1,397	—	—	130	666	100.0	53.2	14.6	20.6	7.4	—	—	0.7	3.5
2027 <sup>1</sup> .....	18,779	9,905	2,755	3,923	1,403	—	—	129	664	100.0	52.7	14.7	20.9	7.5	—	—	0.7	3.5

—Not available.

<sup>1</sup>Projected.

NOTE: Race categories exclude persons of Hispanic ethnicity. Prior to 2010, institutions were not required to report separate data on Asians, Pacific Islanders, and students of Two or more races. Projections for Asian and Pacific Islander enrollment are not available due to the limited amount of historical data available upon which to base a projection model. Data through 1995 are for institutions of higher education, while later data are for degree-granting institutions. Degree-granting institutions grant associate's or higher degrees and participate in Title IV federal financial aid programs. The degree-granting classification is very similar to

the earlier higher education classification, but it includes more 2-year colleges and excludes a few higher education institutions that did not grant degrees. Detail may not sum to totals because of rounding. Some data have been revised from previously published figures.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Higher Education General Information Survey (HEGIS), "Fall Enrollment in Colleges and Universities" surveys, 1976 and 1980; Integrated Postsecondary Education Data System (IPEDS), "Fall Enrollment Survey" (IPEDS-EF:90-99); IPEDS Spring 2001 through Spring 2017, Fall Enrollment component; and Enrollment in Degree-Granting Institutions by Race/Ethnicity Projection Model, 1980 through 2027. (This table was prepared May 2018.)

**Table 306.40. Fall enrollment of males and females and specific racial/ethnic groups in degree-granting postsecondary institutions, by control and classification of institution and percentage of U.S. resident enrollment in the same racial/ethnic group: 2016**

Sex, racial/ethnic group, and percentage of U.S. resident enrollment	Total, all institutions	Public institutions								Nonprofit institutions						For-profit institutions				
		Total	4-year					2-year	Total	4-year					2-year	Total	4-year	2-year		
			Research university, very high <sup>1</sup>	Research university, high <sup>2</sup>	Doctoral/research <sup>3</sup>	Master's <sup>4</sup>	Baccalaureate <sup>5</sup>			Special focus <sup>6</sup>	Research university, very high <sup>1</sup>	Research university, high <sup>2</sup>	Doctoral/research <sup>3</sup>	Master's <sup>4</sup>					Baccalaureate <sup>5</sup>	Special focus <sup>6</sup>
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
<b>All institutions</b>																				
<b>Total enrollment</b>	<b>19,841,014</b>	<b>14,582,972</b>	<b>2,811,612</b>	<b>1,365,230</b>	<b>620,544</b>	<b>2,471,390</b>	<b>1,381,783</b>	<b>91,337</b>	<b>5,841,076</b>	<b>4,077,797</b>	<b>618,269</b>	<b>327,404</b>	<b>443,248</b>	<b>1,580,184</b>	<b>674,407</b>	<b>383,728</b>	<b>50,557</b>	<b>1,180,245</b>	<b>981,633</b>	<b>198,612</b>
<b>Sex</b>																				
Male	8,635,699	6,513,420	1,374,785	627,745	263,909	1,044,452	612,978	34,992	2,554,559	1,717,281	299,203	148,783	181,841	610,860	288,283	173,814	14,497	404,998	337,532	67,466
Female	11,205,315	8,069,552	1,436,827	737,485	356,635	1,426,938	768,805	56,345	3,286,517	2,360,516	319,066	178,621	261,407	969,324	386,124	209,914	36,060	775,247	644,101	131,146
<b>Race/ethnicity</b>																				
White	10,712,903	7,785,631	1,557,286	838,399	313,721	1,429,574	689,497	50,142	2,907,012	2,415,033	283,706	192,419	259,134	1,003,865	429,533	224,559	21,817	512,239	440,624	71,615
Black	2,588,211	1,739,586	188,276	155,927	97,894	318,659	180,313	9,754	788,763	498,588	37,520	31,891	62,658	200,433	104,134	44,811	17,141	350,037	290,521	59,516
Hispanic	3,426,756	2,818,565	358,549	169,843	120,396	380,361	342,251	8,080	1,439,085	412,868	57,109	31,755	48,524	184,067	52,656	32,282	6,475	195,323	146,322	49,001
Asian	1,253,267	955,808	287,896	61,321	36,481	138,803	70,068	10,478	350,761	252,926	83,237	21,111	29,007	64,021	21,157	33,055	1,338	44,533	36,976	7,557
Pacific Islander	53,186	34,556	4,543	2,135	943	5,548	5,189	126	16,072	10,562	631	701	1,080	5,058	1,739	1,078	275	8,068	6,951	1,117
American Indian/ Alaska Native	142,282	110,674	9,867	9,420	2,258	16,668	10,106	7,025	55,330	20,497	1,269	1,017	1,786	7,976	3,189	4,095	1,165	11,111	8,909	2,202
Two or more races	666,374	504,621	104,985	48,061	19,852	85,783	50,765	2,122	193,053	125,913	21,482	9,445	12,385	45,390	24,040	11,832	1,339	35,840	30,369	5,471
Nonresident alien	998,035	633,531	300,210	80,124	28,999	95,994	33,594	3,610	91,000	341,410	133,315	39,065	28,674	69,374	37,959	32,016	1,007	23,094	20,961	2,133
<b>White enrollment, by percentage White</b>																				
Less than 10.0 percent	40,006	34,860	0	3,833	1,751	7,714	6,943	117	14,502	2,309	0	285	0	656	787	495	86	2,837	1,264	1,573
10.0 to 24.9 percent	303,636	265,520	18,981	960	24,516	43,618	28,623	64	148,758	12,208	0	0	0	7,055	2,492	1,979	682	25,908	14,061	11,847
25.0 to 49.9 percent	1,552,490	1,114,351	191,403	88,514	11,482	133,716	88,984	11,100	589,152	191,188	30,079	7,415	17,219	89,334	17,613	20,189	9,339	246,951	228,703	18,248
50.0 to 74.9 percent	4,728,598	3,285,303	663,429	341,256	179,987	479,942	373,636	20,711	1,226,342	1,246,599	245,309	82,931	188,077	478,142	122,841	122,062	7,237	196,696	173,134	23,562
75.0 to 89.9 percent	3,724,200	2,808,752	683,473	387,523	95,985	155,538	16,982	757,776	882,188	8,318	101,788	53,838	408,004	256,718	49,666	3,856	33,260	33,260	21,270	11,990
90.0 percent or more	363,973	276,845	0	16,313	0	53,109	35,773	1,168	170,482	80,541	0	0	0	20,674	29,082	30,168	617	6,587	2,192	4,395
<b>Black enrollment, by percentage Black</b>																				
Less than 10.0 percent	537,715	397,924	99,157	35,927	11,425	76,976	24,839	3,053	146,547	131,878	33,218	11,006	8,932	48,842	18,971	10,444	465	7,913	4,385	3,528
10.0 to 24.9 percent	892,388	640,295	76,846	71,204	40,505	92,995	75,756	2,576	280,413	190,476	4,302	9,761	40,020	98,060	19,658	16,857	1,818	61,617	55,030	6,587
25.0 to 49.9 percent	725,266	447,211	12,273	22,873	17,622	62,270	64,904	3,802	263,467	79,369	0	0	13,706	36,267	16,782	10,385	2,229	198,686	181,062	17,624
50.0 to 74.9 percent	183,670	104,782	0	0	8,468	21,268	912	323	73,811	34,918	0	0	0	10,350	9,318	2,861	12,389	43,970	27,238	16,732
75.0 to 89.9 percent	127,298	85,804	0	17,129	19,874	25,363	7,118	0	16,320	6,220	0	0	0	4,316	1,664	240	35,274	35,274	22,118	13,156
90.0 percent or more	121,874	63,570	0	8,794	0	39,787	6,784	0	8,205	55,727	0	11,124	0	6,914	35,089	2,600	0	2,577	688	1,889
<b>Hispanic enrollment, by percentage Hispanic</b>																				
Less than 10.0 percent	480,988	328,819	83,047	44,755	14,688	58,525	23,507	2,809	101,488	129,064	14,488	7,933	14,020	56,030	23,061	11,397	2,135	23,105	20,180	2,925
10.0 to 24.9 percent	853,101	587,294	157,597	39,469	22,965	86,164	67,024	4,032	210,043	182,166	38,523	17,590	24,796	65,679	18,818	15,329	1,431	83,641	78,223	5,418
25.0 to 49.9 percent	1,097,207	968,301	82,485	39,689	39,736	139,468	120,747	1,239	544,937	76,353	4,098	6,232	5,281	47,108	8,146	3,736	1,752	52,553	31,975	20,578
50.0 to 74.9 percent	703,775	657,786	35,420	26,617	17,839	89,298	43,751	0	444,861	21,557	0	0	4,427	15,250	586	644	650	24,432	9,641	14,791
75.0 to 89.9 percent	195,884	190,837	0	19,313	0	54,950	0	0	116,574	1,693	0	0	0	784	909	0	3,354	515	2,839	
90.0 percent or more	95,801	85,528	0	0	25,168	6,906	32,272	0	21,182	2,035	0	0	0	1,261	267	507	8,238	5,788	2,450	
<b>Asian enrollment, by percentage Asian</b>																				
Less than 10.0 percent	524,114	393,144	89,742	37,716	14,675	56,209	34,234	1,417	159,151	102,051	3,640	11,564	14,087	48,491	15,470	8,246	553	28,919	25,206	3,713
10.0 to 24.9 percent	501,324	364,782	110,280	21,258	13,728	50,156	26,413	5,891	137,056	127,109	76,505	9,547	12,636	13,057	4,261	10,838	265	9,433	6,860	2,573
25.0 to 49.9 percent	223,879	197,882	87,874	2,347	8,078	32,438	9,421	3,170	54,554	21,807	3,092	0	2,284	2,473	1,063	12,375	520	4,190	3,476	714
50.0 to 74.9 percent	2,682	0	0	0	0	0	0	0	0	828	0	0	0	0	0	828	0	1,854	1,297	557
75.0 to 89.9 percent	630	0	0	0	0	0	0	0	0	532	0	0	0	0	0	532	0	98	98	0
90.0 percent or more	638	0	0	0	0	0	0	0	0	599	0	0	0	0	363	236	0	39	39	0

See notes at end of table.

**Table 306.40. Fall enrollment of males and females and specific racial/ethnic groups in degree-granting postsecondary institutions, by control and classification of institution and percentage of U.S. resident enrollment in the same racial/ethnic group: 2016—Continued**

Sex, racial/ethnic group, and percentage of U.S. resident enrollment	Total, all institutions	Public institutions								Nonprofit institutions							For-profit institutions			
		Total	4-year						2-year	Total	4-year						2-year	Total	4-year	2-year
			Research university, very high <sup>1</sup>	Research university, high <sup>2</sup>	Doctoral/research <sup>3</sup>	Master's <sup>4</sup>	Baccalaureate <sup>5</sup>	Special focus <sup>6</sup>			Research university, very high <sup>1</sup>	Research university, high <sup>2</sup>	Doctoral/research <sup>3</sup>	Master's <sup>4</sup>	Baccalaureate <sup>5</sup>	Special focus <sup>6</sup>				
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
<b>Pacific Islander enrollment, by percentage Pacific Islander</b>																				
Less than 10.0 percent.....	51,305	34,556	4,543	2,135	943	5,548	5,189	126	16,072	9,631	631	701	1,080	4,549	1,341	1,055	274	7,118	6,145	973
10.0 to 24.9 percent.....	1,251	0	0	0	0	0	0	0	0	931	0	0	0	509	398	23	1	320	309	11
25.0 to 49.9 percent.....	133	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	133	0	133
50.0 to 74.9 percent.....	497	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	497	497	0
75.0 to 89.9 percent.....	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
90.0 percent or more.....	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>American Indian/Alaska Native enrollment, by percentage American Indian/Alaska Native</b>																				
Less than 10.0 percent.....	108,466	81,673	9,867	8,019	2,258	12,443	8,016	636	40,434	16,474	1,269	1,017	1,786	7,735	2,770	1,593	304	10,319	8,722	1,597
10.0 to 24.9 percent.....	9,697	8,460	0	1,401	0	3,301	1,147	0	2,611	584	0	0	0	241	124	0	219	653	187	466
25.0 to 49.9 percent.....	9,095	8,661	0	0	0	924	943	0	6,794	295	0	0	0	0	295	0	0	139	0	139
50.0 to 74.9 percent.....	1,771	1,019	0	0	0	0	0	379	640	752	0	0	0	0	0	695	57	0	0	0
75.0 to 89.9 percent.....	4,577	3,578	0	0	0	0	0	708	2,870	999	0	0	0	0	0	816	183	0	0	0
90.0 percent or more.....	8,676	7,283	0	0	0	0	0	5,302	1,981	1,393	0	0	0	0	0	991	402	0	0	0
<b>Two or more races enrollment, by percentage Two or more races</b>																				
Less than 10.0 percent.....	627,366	473,149	100,789	48,061	19,852	81,432	42,824	2,120	178,071	120,541	21,482	9,445	12,385	43,373	22,265	10,331	1,260	33,676	28,701	4,975
10.0 to 24.9 percent.....	26,250	19,307	4,196	0	0	3,203	4,982	2	6,924	5,339	0	0	0	2,017	1,742	1,501	79	1,604	1,275	329
25.0 to 49.9 percent.....	12,758	12,165	0	0	0	1,148	2,959	0	8,058	33	0	0	0	0	33	0	0	560	393	167
50.0 to 74.9 percent.....	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
75.0 to 89.9 percent.....	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
90.0 percent or more.....	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>Nonresident alien enrollment, by percentage nonresident alien<sup>7</sup></b>																				
Less than 10.0 percent.....	468,886	374,739	98,315	66,175	25,320	74,720	26,100	2,180	81,929	85,171	0	10,162	13,253	36,497	18,539	6,496	224	8,976	8,737	239
10.0 to 24.9 percent.....	430,707	258,696	201,895	13,949	3,679	21,274	7,494	1,334	9,071	167,995	90,023	17,236	15,421	19,484	16,599	8,647	585	4,016	3,937	79
25.0 to 49.9 percent.....	86,366	96	0	0	0	0	0	96	0	77,274	43,292	11,667	0	8,393	2,641	11,083	198	8,996	7,605	1,391
50.0 to 74.9 percent.....	3,868	0	0	0	0	0	0	0	0	3,621	0	0	0	1,170	180	2,271	0	247	92	155
75.0 to 89.9 percent.....	3,755	0	0	0	0	0	0	0	0	3,272	0	0	0	2,561	0	711	0	483	214	269
90.0 percent or more.....	4,453	0	0	0	0	0	0	0	0	4,077	0	0	0	1,269	0	2,808	0	376	376	0

<sup>1</sup>Research universities with a very high level of research activity.  
<sup>2</sup>Research universities with a high level of research activity.  
<sup>3</sup>Institutions that award at least 20 research/scholarship doctor's degrees per year, but did not have a high level of research activity.  
<sup>4</sup>Institutions that award at least 50 master's degrees and fewer than 20 doctor's degrees per year.  
<sup>5</sup>Institutions that primarily emphasize undergraduate education. In addition to institutions that primarily award bachelor's degrees, also includes institutions classified as 4-year in the IPEDS system, but classified as 2-year baccalaureate/associate's colleges in the Carnegie system because they primarily award associate's degrees.  
<sup>6</sup>Four-year institutions that award degrees primarily in single fields of study, such as medicine, business, fine arts, theology, and engineering.

<sup>7</sup>Nonresident alien enrollment percentages based on total enrollment in the institution, rather than on the U.S. resident enrollment.  
 NOTE: Relative levels of research activity for research universities were determined by an analysis of research and development expenditures, science and engineering research staffing, and doctoral degrees conferred, by field. Further information on the research index ranking may be obtained from <http://carnegieclassifications.iu.edu/>. Includes imputed Carnegie system classifications for institutions with missing data. Degree-granting institutions grant associate's or higher degrees and participate in Title IV federal financial aid programs. Race categories exclude persons of Hispanic ethnicity.  
 SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), Spring 2017, Fall Enrollment component. (This table was prepared June 2018.)

**Table 306.50. Total fall enrollment in degree-granting postsecondary institutions, by control and classification of institution, level of enrollment, and race/ethnicity of student: 2016**

Level of enrollment and race/ethnicity of student	Public institutions										Nonprofit institutions								For-profit institutions			
	Total, all institutions	4-year							2-year	Total	4-year							2-year	Total	4-year	2-year	
		Total	Research university, very high <sup>1</sup>	Research university, high <sup>2</sup>	Doctoral/research university <sup>3</sup>	Master's <sup>4</sup>	Baccalaureate <sup>5</sup>	Special focus <sup>6</sup>			Total	Research university, very high <sup>1</sup>	Research university, high <sup>2</sup>	Doctoral/research university <sup>3</sup>	Master's <sup>4</sup>	Baccalaureate <sup>5</sup>	Special focus <sup>6</sup>					
																						Total
2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	
<b>Fall enrollment</b>																						
<b>All students, total .....</b>	<b>19,841,014</b>	<b>14,582,972</b>	<b>8,741,896</b>	<b>2,811,612</b>	<b>1,365,230</b>	<b>620,544</b>	<b>2,471,390</b>	<b>1,381,783</b>	<b>91,337</b>	<b>5,841,076</b>	<b>4,077,797</b>	<b>4,027,240</b>	<b>618,269</b>	<b>327,404</b>	<b>443,248</b>	<b>1,580,184</b>	<b>674,407</b>	<b>383,728</b>	<b>50,557</b>	<b>1,180,245</b>	<b>981,633</b>	<b>198,612</b>
White .....	10,712,903	7,785,631	4,878,619	1,557,286	838,399	313,721	1,429,574	689,497	50,142	2,907,012	2,415,033	2,393,216	283,706	192,419	259,134	1,003,865	429,533	224,559	21,817	512,239	440,624	71,615
Black .....	2,588,211	1,739,586	950,823	188,276	155,927	97,894	318,659	180,313	9,754	788,763	498,588	481,447	37,520	31,891	62,658	200,433	104,134	44,811	17,141	350,037	290,521	59,516
Hispanic .....	3,426,756	2,818,565	1,379,480	358,549	169,843	120,396	380,361	342,251	8,080	1,439,085	412,868	406,393	57,109	31,755	48,524	184,067	52,656	32,282	6,475	195,323	146,322	49,001
Asian .....	1,253,267	955,808	605,047	287,896	61,321	36,481	138,803	70,068	10,478	350,761	252,926	251,588	83,237	21,111	29,007	64,021	21,157	33,055	1,338	44,533	36,976	7,557
Pacific Islander .....	53,186	34,556	18,484	4,543	2,135	943	5,548	5,189	126	16,072	10,562	10,287	631	701	1,080	5,058	1,739	1,078	275	8,068	6,951	1,117
American Indian/ Alaska Native .....	142,282	110,674	55,344	9,867	9,420	2,258	16,688	10,106	7,025	55,330	20,497	19,332	1,269	1,017	1,786	7,976	3,189	4,095	1,165	11,111	8,909	2,202
Two or more races .....	666,374	504,621	311,568	104,985	48,061	19,852	85,783	50,765	2,122	193,053	125,913	124,574	21,482	9,445	12,385	45,390	24,040	11,832	1,339	35,840	30,369	5,471
Nonresident alien .....	998,035	633,531	542,531	300,210	80,124	28,999	95,994	33,594	3,610	91,000	341,410	340,403	133,315	39,065	28,674	69,374	37,959	32,016	1,007	23,094	20,961	2,133
Undergraduate .....	16,869,212	13,141,086	7,300,010	2,135,475	1,101,639	514,472	2,137,837	1,376,531	34,056	5,841,076	2,812,769	2,762,212	301,853	209,202	275,453	1,138,981	642,070	194,653	50,557	915,357	716,745	198,612
White .....	9,082,071	6,971,274	4,064,262	1,198,101	678,180	255,907	1,229,566	685,336	17,172	2,907,012	1,715,987	1,694,170	143,865	132,767	164,374	730,531	407,497	115,136	21,817	394,810	323,195	71,615
Black .....	2,225,290	1,609,278	820,515	148,397	131,230	83,132	272,903	179,871	4,982	788,763	354,616	337,475	19,188	17,770	34,672	141,416	99,810	24,619	17,141	261,396	201,880	59,516
Hispanic .....	3,167,164	2,692,197	1,253,112	306,395	149,246	106,388	346,153	342,080	2,850	1,439,085	306,401	299,926	34,712	19,569	33,335	143,752	50,501	18,057	6,475	168,566	119,565	49,001
Asian .....	1,053,400	865,760	514,999	238,952	50,139	30,968	123,574	69,977	1,389	350,761	155,751	154,413	49,311	13,696	18,306	41,253	20,028	11,819	1,338	31,529	23,972	7,557
Pacific Islander .....	47,109	32,820	16,748	3,744	1,839	810	5,106	5,183	66	16,072	7,817	7,542	292	470	716	3,822	1,657	585	275	6,472	5,355	1,117
American Indian/ Alaska Native .....	128,598	103,844	48,514	7,414	7,934	1,849	14,571	10,073	6,673	55,330	15,703	14,538	654	641	1,103	5,830	3,021	3,289	1,165	9,051	6,849	2,202
Two or more races .....	595,672	469,801	276,748	87,367	42,248	17,648	78,169	50,706	610	193,053	97,042	95,703	13,707	6,853	9,159	36,362	23,431	6,191	1,339	28,829	23,358	5,471
Nonresident alien .....	570,268	396,112	305,112	145,105	40,823	17,770	67,795	33,305	314	91,000	159,452	158,445	40,124	17,436	13,788	36,015	36,125	14,957	1,007	14,704	12,571	2,133
Postbaccalaureate .....	2,971,802	1,441,886	1,441,886	676,137	263,591	106,072	333,553	5,252	57,281	†	1,265,028	1,265,028	316,416	118,202	167,795	441,203	32,337	189,075	†	264,888	264,888	†
White .....	1,630,832	814,357	814,357	359,185	160,219	57,814	200,008	4,161	32,970	†	699,046	699,046	139,841	59,652	94,760	273,334	22,036	109,423	†	117,429	117,429	†
Black .....	362,921	130,308	130,308	39,879	24,697	14,762	45,756	442	4,772	†	143,972	143,972	18,332	14,121	27,986	59,017	4,324	20,192	†	88,641	88,641	†
Hispanic .....	259,592	126,368	126,368	52,154	20,597	14,008	34,208	171	5,230	†	106,467	106,467	22,397	12,186	15,189	40,315	2,155	14,225	†	26,757	26,757	†
Asian .....	200,227	90,048	90,048	48,944	11,182	5,513	15,229	91	9,089	†	97,175	97,175	33,926	7,415	10,701	22,768	1,129	21,236	†	13,004	13,004	†
Pacific Islander .....	6,077	1,736	1,736	799	296	133	442	6	60	†	2,745	2,745	339	231	364	1,236	82	493	†	1,596	1,596	†
American Indian/ Alaska Native .....	13,684	6,830	6,830	2,453	1,486	409	2,097	33	362	†	4,794	4,794	615	376	683	2,146	168	806	†	2,060	2,060	†
Two or more races .....	70,702	34,820	34,820	17,618	5,813	2,204	7,614	59	1,512	†	28,871	28,871	7,775	2,592	3,226	9,028	609	5,641	†	7,011	7,011	†
Nonresident alien .....	427,767	237,419	237,419	155,105	39,301	11,229	28,199	289	3,296	†	181,958	181,958	93,191	21,629	14,886	33,359	1,834	17,059	†	8,390	8,390	†
<b>Percentage distribution of U.S. residents</b>																						
<b>U.S. residents, total..</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>
White .....	56.9	55.8	59.5	62.0	65.2	53.0	60.2	51.1	57.2	50.6	64.6	64.9	58.5	66.7	62.5	66.4	67.5	63.8	44.0	44.3	45.9	36.4
Black .....	13.7	12.5	11.6	7.5	12.1	16.5	13.4	13.4	11.1	13.7	13.3	13.1	7.7	11.1	15.1	13.3	16.4	12.7	34.6	30.2	30.2	30.3
Hispanic .....	18.2	20.2	16.8	14.3	13.2	20.4	16.0	25.4	9.2	25.0	11.0	11.0	11.8	11.0	11.7	12.2	8.3	9.2	13.1	16.9	15.2	24.9
Asian .....	6.7	6.9	7.4	11.5	4.8	6.2	5.8	5.2	11.9	6.1	6.8	6.8	17.2	7.3	7.0	4.2	3.3	9.4	2.7	3.8	3.8	3.8
Pacific Islander .....	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.4	0.1	0.3	0.3	0.3	0.1	0.2	0.3	0.3	0.3	0.3	0.6	0.7	0.7	0.6
American Indian/ Alaska Native .....	0.8	0.8	0.7	0.4	0.7	0.4	0.7	0.7	8.0	1.0	0.5	0.5	0.3	0.4	0.4	0.5	0.5	1.2	2.4	1.0	0.9	1.1
Two or more races .....	3.5	3.6	3.8	4.2	3.7	3.4	3.6	3.8	2.4	3.4	3.4	3.4	4.4	3.3	3.0	3.0	3.8	3.4	2.7	3.1	3.2	2.8
Undergraduate .....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
White .....	55.7	54.7	58.1	60.2	63.9	51.5	59.4	51.0	50.9	50.6	64.7	65.1	55.0	69.2	62.8	66.2	67.2	64.1	44.0	43.8	45.9	36.4
Black .....	13.7	12.6	11.7	7.5	12.4	16.7	13.4	14.8	13.7	13.4	13.0	13.0	7.3	9.3	13.3	12.8	16.5	13.7	34.6	29.0	28.7	30.3
Hispanic .....	19.4	21.1	17.9	15.4	14.1	21.4	16.7	25.5	8.4	25.0	11.5	11.5	13.3	10.2	12.7	13.0	8.3	10.0	13.1	18.7	17.0	24.9
Asian .....	6.5	6.8	7.4	12.0	4.7	6.2	6.0	5.2	4.1	6.1	5.9	5.9	18.8	7.1	7.0	3.7	3.3	6.6	2.7	3.5	3.4	3.8
Pacific Islander .....	0.3	0.3	0.2	0.2	0.2	0.2	0.2	0.4	0.2	0.3	0.3	0.3	0.1	0.2	0.3	0.3	0.3	0.3	0.6	0.7	0.8	0.6
American Indian/ Alaska Native .....	0.8	0.8	0.7	0.4	0.7	0.4	0.7	0.7	19.8	1.0	0.6	0.6	0.2	0.3	0.4	0.5	0.5	1.8	2.4	1.0	1.0	1.1
Two or more races .....	3.7	3.7	4.0	4.4	4.0	3.6	3.8	3.8	1.8	3.4	3.7	3.7	5.2	3.6	3.3	3.9	3.4	2.7	3.2	3.3	2.8	

See notes at end of table.

**Table 306.50. Total fall enrollment in degree-granting postsecondary institutions, by control and classification of institution, level of enrollment, and race/ethnicity of student: 2016—Continued**

Level of enrollment and race/ethnicity of student	Total, all institutions	Public institutions									Nonprofit institutions									For-profit institutions		
		Total	4-year							2-year	Total	4-year							2-year	Total	4-year	2-year
			Total	Research university, very high <sup>1</sup>	Research university, high <sup>2</sup>	Doctoral/research university <sup>3</sup>	Master's <sup>4</sup>	Baccalaureate <sup>5</sup>	Special focus <sup>6</sup>			Total	Research university, very high <sup>1</sup>	Research university, high <sup>2</sup>	Doctoral/research university <sup>3</sup>	Master's <sup>4</sup>	Baccalaureate <sup>5</sup>	Special focus <sup>6</sup>				
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
Postbaccalaureate .....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	†	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	†	100.0	100.0	†
White .....	64.1	67.6	67.6	68.9	71.4	61.0	65.5	83.8	61.1	†	64.5	64.5	62.6	61.8	62.0	67.0	72.2	63.6	†	45.8	45.8	†
Black .....	14.3	10.8	10.8	7.7	11.0	15.6	15.0	8.9	8.8	†	13.3	13.3	8.2	14.6	18.3	14.5	14.2	11.7	†	34.6	34.6	†
Hispanic .....	10.2	10.5	10.5	10.0	9.2	14.8	11.2	3.4	9.7	†	9.8	9.8	10.0	12.6	9.9	9.9	7.1	8.3	†	10.4	10.4	†
Asian .....	7.9	7.5	7.5	9.4	5.0	5.8	5.0	1.8	16.8	†	9.0	9.0	15.2	7.7	7.0	5.6	3.7	12.3	†	5.1	5.1	†
Pacific Islander .....	0.2	0.1	0.1	0.2	0.1	0.1	0.1	0.1	0.1	†	0.3	0.3	0.2	0.2	0.2	0.3	0.3	0.3	†	0.6	0.6	†
American Indian/Alaska Native .....	0.5	0.6	0.6	0.5	0.7	0.4	0.7	0.7	0.7	†	0.4	0.4	0.3	0.4	0.4	0.5	0.6	0.5	†	0.8	0.8	†
Two or more races .....	2.8	2.9	2.9	3.4	2.6	2.3	2.5	1.2	2.8	†	2.7	2.7	3.5	2.7	2.1	2.2	2.0	3.3	†	2.7	2.7	†

†Not applicable.

<sup>1</sup>Research universities with a very high level of research activity.

<sup>2</sup>Research universities with a high level of research activity.

<sup>3</sup>Institutions that award at least 20 research/scholarship doctor's degrees per year, but did not have a high level of research activity.

<sup>4</sup>Institutions that award at least 50 master's degrees per year and fewer than 20 doctor's degrees per year.

<sup>5</sup>Institutions that primarily emphasize undergraduate education. In addition to institutions that primarily award bachelor's degrees, also includes institutions classified as 4-year in the IPEDS system, but classified as 2-year baccalaureate/associate's colleges in the Carnegie Classification system because they primarily award associate's degrees.

<sup>6</sup>Four-year institutions that award degrees primarily in single fields of study, such as medicine, business, fine arts, theology, and engineering.

NOTE: Relative levels of research activity for research universities were determined by an analysis of research and development expenditures, science and engineering research staffing, and doctoral degrees conferred, by field. Further information on the research index ranking may be obtained from <http://carnegieclassifications.iu.edu/>. Includes imputed Carnegie classifications for institutions with missing data. Degree-granting institutions grant associate's or higher degrees and participate in Title IV federal financial aid programs. Race categories exclude persons of Hispanic ethnicity.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), Spring 2017, Fall Enrollment component. (This table was prepared October 2017.)

**Table 306.60. Total fall enrollment in degree-granting postsecondary institutions, by race/ethnicity of student and state or jurisdiction: 2016**

State or jurisdiction	Number									Percentage distribution of U.S. residents							
	Total	White	Black	Hispanic	Asian	Pacific Islander	American Indian/ Alaska Native	Two or more races	Non-resident alien	Total	White	Black	Hispanic	Asian	Pacific Islander	American Indian/ Alaska Native	Two or more races
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
<b>United States .....</b>	<b>19,841,014</b>	<b>10,712,903</b>	<b>2,588,211</b>	<b>3,426,756</b>	<b>1,253,267</b>	<b>53,186</b>	<b>142,282</b>	<b>666,374</b>	<b>998,035</b>	<b>100.0</b>	<b>56.9</b>	<b>13.7</b>	<b>18.2</b>	<b>6.7</b>	<b>0.3</b>	<b>0.8</b>	<b>3.5</b>
Alabama .....	304,052	188,469	81,038	10,331	5,851	279	2,002	6,893	9,189	100.0	63.9	27.5	3.5	2.0	0.1	0.7	2.3
Alaska .....	28,446	17,194	939	2,255	1,677	226	3,096	2,517	542	100.0	61.6	3.4	8.1	6.0	0.8	11.1	9.0
Arizona .....	608,084	302,485	78,866	146,434	22,291	2,970	14,156	20,852	20,030	100.0	51.4	13.4	24.9	3.8	0.5	2.4	3.5
Arkansas .....	167,320	114,268	26,842	10,148	2,852	169	1,334	5,430	6,277	100.0	71.0	16.7	6.3	1.8	0.1	0.8	3.4
California .....	2,700,106	781,440	177,311	1,059,752	398,131	12,540	11,168	118,608	141,156	100.0	30.5	6.9	41.4	15.6	0.5	0.4	4.6
Colorado .....	352,296	224,526	25,815	58,359	12,655	943	3,309	14,793	11,896	100.0	66.0	7.6	17.1	3.7	0.3	1.0	4.3
Connecticut .....	198,011	115,264	25,169	29,176	10,461	212	490	5,425	11,814	100.0	61.9	13.5	15.7	5.6	0.1	0.3	2.9
Delaware .....	61,139	34,047	13,234	4,174	2,154	83	333	1,551	5,563	100.0	61.3	23.8	7.5	3.9	0.1	0.6	2.8
District of Columbia .....	93,040	41,761	23,438	7,904	6,328	141	228	2,692	10,548	100.0	50.6	28.4	9.6	7.7	0.2	0.3	3.3
Florida .....	1,075,496	479,848	194,053	280,593	37,472	2,532	3,456	31,880	45,662	100.0	46.6	18.8	27.2	3.6	0.2	0.3	3.1
Georgia .....	532,907	259,478	169,185	37,973	27,566	671	1,643	14,710	21,681	100.0	50.8	33.1	7.4	5.4	0.1	0.3	2.9
Hawaii .....	65,858	11,126	1,473	7,370	20,467	4,452	199	16,852	3,919	100.0	18.0	2.4	11.9	33.0	7.2	0.3	27.2
Idaho .....	123,796	94,297	1,338	10,515	1,859	693	994	4,784	9,316	100.0	82.4	1.2	9.2	1.6	0.6	0.9	4.2
Illinois .....	777,720	421,651	101,122	137,873	51,509	1,294	1,831	19,497	42,943	100.0	57.4	13.8	18.8	7.0	0.2	0.2	2.7
Indiana .....	419,203	300,849	39,921	25,371	12,468	393	906	12,134	27,161	100.0	76.7	10.2	6.5	3.2	0.1	0.2	3.1
Iowa .....	266,513	194,822	24,452	18,956	7,183	490	1,318	6,178	13,114	100.0	76.9	9.6	7.5	2.8	0.2	0.5	2.4
Kansas .....	214,301	146,749	18,333	20,425	5,781	353	2,808	6,961	12,891	100.0	72.9	9.1	10.1	2.9	0.2	1.4	3.5
Kentucky .....	255,072	204,293	22,103	8,743	4,370	276	635	7,232	7,420	100.0	82.5	8.9	3.5	1.8	0.1	0.3	2.9
Louisiana .....	239,287	132,942	72,865	12,438	6,054	216	1,472	5,947	7,353	100.0	57.3	31.4	5.4	2.6	0.1	0.6	2.6
Maine .....	72,116	61,161	2,882	2,113	1,848	75	714	1,719	1,604	100.0	86.7	4.1	3.0	2.6	0.1	1.0	2.4
Maryland .....	365,667	168,292	101,482	32,219	26,912	910	1,089	13,889	20,874	100.0	48.8	29.4	9.3	7.8	0.3	0.3	4.0
Massachusetts .....	505,723	291,467	44,546	54,706	39,398	440	1,021	15,521	58,624	100.0	65.2	10.0	12.2	8.8	0.1	0.2	3.5
Michigan .....	583,035	406,661	71,055	27,661	22,502	572	3,499	18,560	32,525	100.0	73.9	12.9	5.0	4.1	0.1	0.6	3.4
Minnesota .....	422,792	281,317	62,189	22,340	22,724	705	3,276	13,716	16,525	100.0	69.2	15.3	5.5	5.6	0.2	0.8	3.4
Mississippi .....	172,712	95,596	63,997	3,894	2,014	103	735	2,803	3,570	100.0	56.5	37.8	2.3	1.2	0.1	0.4	1.7
Missouri .....	401,094	284,784	48,953	19,736	12,520	724	1,928	11,977	20,472	100.0	74.8	12.9	5.2	3.3	0.2	0.5	3.1
Montana .....	50,916	40,665	464	2,021	823	108	3,684	1,483	1,668	100.0	82.6	0.9	4.1	1.7	0.2	7.5	3.0
Nebraska .....	136,102	100,652	7,218	13,223	3,903	304	992	3,915	5,895	100.0	77.3	5.5	10.2	3.0	0.2	0.8	3.0
Nevada .....	116,030	52,795	8,988	30,178	12,242	1,345	867	7,251	2,364	100.0	46.4	7.9	26.5	10.8	1.2	0.8	6.4
New Hampshire .....	133,136	97,194	15,403	9,214	4,109	312	770	2,664	3,470	100.0	75.0	11.9	7.1	3.2	0.2	0.6	2.1
New Jersey .....	421,377	202,342	59,869	87,311	38,824	1,074	1,126	8,889	21,942	100.0	50.7	15.0	21.9	9.7	0.3	0.3	2.2
New Mexico .....	134,607	44,546	4,040	63,625	2,663	292	12,588	3,082	3,771	100.0	34.0	3.1	48.6	2.0	0.2	9.6	2.4
New York .....	1,273,651	613,066	175,894	221,480	120,153	2,572	4,399	29,309	106,778	100.0	52.5	15.1	19.0	10.3	0.2	0.4	2.5
North Carolina .....	561,496	327,975	129,478	41,729	18,677	792	6,090	17,158	19,597	100.0	60.5	23.9	7.7	3.4	0.1	1.1	3.2
North Dakota .....	54,203	42,923	1,882	1,861	734	88	2,421	1,565	2,729	100.0	83.4	3.7	3.6	1.4	0.2	4.7	3.0
Ohio .....	658,229	483,397	75,262	25,442	17,888	511	1,796	19,890	34,043	100.0	77.4	12.1	4.1	2.9	0.1	0.3	3.2
Oklahoma .....	208,345	120,225	17,860	17,238	6,093	438	15,894	18,645	11,952	100.0	61.2	9.1	8.8	3.1	0.2	8.1	9.5
Oregon .....	236,235	155,207	7,332	29,951	13,831	1,505	2,590	13,553	12,266	100.0	69.3	3.3	13.4	6.2	0.7	1.2	6.1
Pennsylvania .....	725,770	484,869	82,415	49,589	39,733	818	1,500	20,594	46,252	100.0	71.4	12.1	7.3	5.8	0.1	0.2	3.0
Rhode Island .....	83,348	54,816	5,978	10,381	3,840	117	304	2,947	4,965	100.0	69.9	7.6	13.2	4.9	0.1	0.4	3.8

See notes at end of table.

**Table 306.60. Total fall enrollment in degree-granting postsecondary institutions, by race/ethnicity of student and state or jurisdiction: 2016—Continued**

State or jurisdiction	Number									Percentage distribution of U.S. residents							
	Total	White	Black	Hispanic	Asian	Pacific Islander	American Indian/ Alaska Native	Two or more races	Non-resident alien	Total	White	Black	Hispanic	Asian	Pacific Islander	American Indian/ Alaska Native	Two or more races
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
South Carolina .....	246,563	156,001	62,018	10,797	4,276	290	879	7,021	5,281	100.0	64.7	25.7	4.5	1.8	0.1	0.4	2.9
South Dakota .....	53,685	43,389	1,844	1,665	644	78	2,815	1,235	2,015	100.0	84.0	3.6	3.2	1.2	0.2	5.4	2.4
Tennessee .....	321,751	219,924	59,984	13,802	8,198	330	959	9,124	9,430	100.0	70.4	19.2	4.4	2.6	0.1	0.3	2.9
Texas .....	1,603,259	598,693	201,812	587,907	94,432	2,684	6,032	40,719	70,980	100.0	39.1	13.2	38.4	6.2	0.2	0.4	2.7
Utah .....	311,534	237,933	12,368	30,398	8,755	2,310	2,453	10,012	7,305	100.0	78.2	4.1	10.0	2.9	0.8	0.8	3.3
Vermont .....	44,719	35,930	1,604	2,352	1,222	30	248	1,576	1,757	100.0	83.6	3.7	5.5	2.8	0.1	0.6	3.7
Virginia .....	557,461	319,144	111,749	46,060	35,833	1,301	2,140	21,546	19,688	100.0	59.3	20.8	8.6	6.7	0.2	0.4	4.0
Washington .....	366,162	215,361	16,426	44,522	34,468	2,373	4,273	25,223	23,516	100.0	62.9	4.8	13.0	10.1	0.7	1.2	7.4
West Virginia .....	146,358	110,188	15,130	8,309	2,417	558	765	4,623	4,368	100.0	77.6	10.7	5.9	1.7	0.4	0.5	3.3
Wisconsin .....	341,859	263,596	19,067	21,786	13,191	342	2,488	9,354	12,035	100.0	79.9	5.8	6.6	4.0	0.1	0.8	2.8
Wyoming .....	33,365	27,323	402	2,743	316	70	481	926	1,104	100.0	84.7	1.2	8.5	1.0	0.2	1.5	2.9
U.S. Service Academies .....	15,067	9,962	1,123	1,713	955	82	88	949	195	100.0	67.0	7.6	11.5	6.4	0.6	0.6	6.4
<b>Other jurisdictions .....</b>	<b>241,963</b>	<b>1,073</b>	<b>2,049</b>	<b>226,333</b>	<b>3,366</b>	<b>8,262</b>	<b>79</b>	<b>330</b>	<b>471</b>	<b>100.0</b>	<b>0.4</b>	<b>0.8</b>	<b>93.7</b>	<b>1.4</b>	<b>3.4</b>	<b>#</b>	<b>0.1</b>
American Samoa .....	1,253	3	0	1	6	1,117	0	0	126	100.0	0.3	0.0	0.1	0.5	99.1	0.0	0.0
Federated States of Micronesia .....	2,090	0	0	0	3	2,087	0	0	0	100.0	0.0	0.0	0.0	0.1	99.9	0.0	0.0
Guam .....	6,084	176	55	34	2,784	2,990	3	2	40	100.0	2.9	0.9	0.6	46.1	49.5	#	#
Marshall Islands .....	1,008	0	0	0	1	1,007	0	0	0	100.0	0.0	0.0	0.0	0.1	99.9	0.0	0.0
Northern Marianas .....	1,038	15	2	1	415	441	0	112	52	100.0	1.5	0.2	0.1	42.1	44.7	0.0	11.4
Palau .....	587	1	0	0	3	583	0	0	0	100.0	0.2	0.0	0.0	0.5	99.3	0.0	0.0
Puerto Rico .....	227,533	712	203	226,079	140	37	71	199	92	100.0	0.3	0.1	99.4	0.1	#	#	0.1
U.S. Virgin Islands .....	2,370	166	1,789	218	14	0	5	17	161	100.0	7.5	81.0	9.9	0.6	0.0	0.2	0.8

#Rounds to zero.  
NOTE: Race categories exclude persons of Hispanic ethnicity. Degree-granting institutions grant associate's or higher degrees and participate in Title IV federal financial aid programs. Detail may not sum to totals because of rounding.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), Spring 2017, Fall Enrollment component. (This table was prepared October 2017.)

Table 307.10. Full-time-equivalent fall enrollment in degree-granting postsecondary institutions, by control and level of institution: 1967 through 2027

Year	All institutions			Public institutions			Private institutions						
	Total	4-year	2-year	Total	4-year	2-year	Total	4-year			2-year		
								Total	Nonprofit	For-profit	Total	Nonprofit	For-profit
1	2	3	4	5	6	7	8	9	10	11	12	13	14
1967	5,499,360	4,448,302	1,051,058	3,777,701	2,850,432	927,269	1,721,659	1,597,870	—	—	123,789	—	—
1968	5,977,768	4,729,522	1,248,246	4,248,639	3,128,057	1,120,582	1,729,129	1,601,465	—	—	127,664	—	—
1969	6,333,357	4,899,034	1,434,323	4,577,353	3,259,323	1,318,030	1,756,004	1,639,711	—	—	116,293	—	—
1970	6,737,819	5,145,422	1,592,397	4,953,144	3,468,569	1,484,575	1,784,675	1,676,853	—	—	107,822	—	—
1971	7,148,558	5,357,647	1,790,911	5,344,402	3,660,626	1,683,776	1,804,156	1,697,021	—	—	107,135	—	—
1972	7,253,757	5,406,833	1,846,924	5,452,854	3,706,238	1,746,616	1,800,903	1,700,595	—	—	100,308	—	—
1973	7,453,463	5,439,230	2,014,233	5,629,563	3,721,037	1,908,526	1,823,900	1,718,193	—	—	105,707	—	—
1974	7,805,452	5,606,247	2,199,205	5,944,799	3,847,543	2,097,256	1,860,653	1,756,704	—	—	101,949	—	—
1975	8,479,698	5,900,408	2,579,290	6,522,319	4,056,502	2,465,817	1,957,379	1,843,906	—	—	113,473	—	—
1976	8,312,502	5,848,001	2,464,501	6,349,903	3,998,450	2,351,453	1,962,599	1,849,551	—	—	113,048	—	—
1977	8,415,339	5,935,076	2,480,263	6,396,476	4,039,071	2,357,405	2,018,863	1,896,005	—	—	122,858	—	—
1978	8,348,482	5,932,357	2,416,125	6,279,199	3,996,126	2,283,073	2,069,283	1,936,231	—	—	133,052	—	—
1979	8,487,317	6,016,072	2,471,245	6,392,617	4,059,304	2,333,313	2,094,700	1,956,768	—	—	137,932	—	—
1980	8,819,013	6,161,372	2,657,641	6,642,294	4,158,267	2,484,027	2,176,719	2,003,105	—	—	173,614 <sup>1</sup>	—	—
1981	9,014,521	6,249,847	2,764,674	6,781,300	4,208,506	2,572,794	2,233,221	2,041,341	—	—	191,880 <sup>1</sup>	—	—
1982	9,091,648	6,248,923	2,842,725	6,850,589	4,220,648	2,629,941	2,241,959	2,028,275	—	—	212,784 <sup>1</sup>	—	—
1983	9,166,398	6,325,222	2,841,176	6,881,479	4,265,807	2,615,672	2,284,919	2,059,415	—	—	225,504	—	—
1984	8,951,695	6,292,711	2,658,984	6,684,664	4,237,895	2,446,769	2,267,031	2,054,816	—	—	212,215	—	—
1985	8,943,433	6,294,339	2,649,094	6,667,781	4,239,622	2,428,159	2,275,652	2,054,717	—	—	220,935	—	—
1986	9,064,165	6,360,325	2,703,842	6,778,045	4,295,494	2,482,551	2,286,122	2,064,831	—	—	221,291 <sup>2</sup>	—	—
1987	9,229,736	6,486,504	2,743,230	6,937,690	4,395,728	2,541,961	2,292,045	2,090,776	—	—	201,269 <sup>3</sup>	—	—
1988	9,464,271	6,664,146	2,800,125	7,096,905	4,505,774	2,591,131	2,367,366	2,158,372	—	—	208,994	—	—
1989	9,780,881	6,813,602	2,967,279	7,371,590	4,619,828	2,751,762	2,409,291	2,193,774	—	—	215,517	—	—
1990	9,983,436	6,968,008	3,015,428	7,557,982	4,740,049	2,817,933	2,425,454	2,227,959	2,177,668	50,291	197,495	72,785	124,710
1991	10,360,606	7,081,454	3,279,152	7,862,845	4,795,704	3,067,141	2,497,761	2,285,750	2,223,463	62,287	212,011	72,545	139,466
1992	10,436,776	7,129,379	3,307,397	7,911,701	4,797,884	3,113,817	2,525,075	2,331,495	2,267,373	64,122	193,580	66,647	126,933
1993	10,351,415	7,120,921	3,230,494	7,812,394	4,765,983	3,046,411	2,539,021	2,354,938	2,282,643	72,295	184,083	70,469	113,614
1994	10,348,072	7,137,341	3,210,731	7,784,396	4,749,524	3,034,872	2,563,676	2,387,817	2,301,063	86,754	175,859	69,578	106,281
1995	10,334,956	7,172,844	3,162,112	7,751,815	4,757,223	2,994,592	2,583,141	2,415,621	2,328,730	86,891	167,520	62,416	105,104
1996	10,481,886	7,234,541	3,247,345	7,794,895	4,767,117	3,027,778	2,686,991	2,467,424	2,353,561	113,863	179,567	63,954	155,613
1997	10,615,028	7,338,794	3,276,234	7,869,764	4,813,849	3,055,915	2,745,264	2,524,945	2,389,627	135,318	220,319	61,761	158,558
1998	10,698,775	7,467,828	3,230,947	7,880,135	4,868,857	3,011,278	2,818,640	2,598,971	2,436,188	162,783	219,669	56,834	162,835
1999	10,974,519	7,634,247	3,340,272	8,059,240	4,949,851	3,109,389	2,915,279	2,684,396	2,488,140	196,256	230,883	53,956	176,927
2000	11,267,025	7,795,139	3,471,886	8,266,932	5,025,588	3,241,344	3,000,093	2,769,551	2,549,676	219,875	230,542	51,503	179,039
2001	11,765,945	8,087,980	3,677,965	8,639,154	5,194,035	3,445,119	3,126,791	2,893,945	2,612,833	281,112	232,846	41,037	191,809
2002	12,331,319	8,439,064	3,892,255	9,061,411	5,406,283	3,655,128	3,269,908	3,032,781	2,699,702	333,079	237,127	40,110	197,017
2003	12,687,597	8,744,188	3,943,409	9,240,724	5,557,680	3,683,044	3,446,873	3,186,508	2,776,850	409,658	260,365	36,815	223,550
2004	13,000,994	9,018,024	3,982,970	9,348,081	5,640,650	3,707,431	3,662,913	3,377,374	2,837,251	540,123	275,539	34,202	241,337
2005	13,200,790	9,261,634	3,939,156	9,390,216	5,728,327	3,661,889	3,810,574	3,533,307	2,878,354	654,953	277,267	34,729	242,538
2006	13,403,097	9,456,166	3,946,931	9,503,558	5,824,768	3,678,790	3,899,539	3,631,398	2,936,172	695,226	268,141	31,203	236,938
2007	13,782,702	9,769,560	4,013,142	9,739,709	5,994,230	3,745,479	4,042,993	3,775,330	2,993,729	771,601	267,663	26,134	241,529
2008	14,394,238	10,169,454	4,224,784	10,061,812	6,139,525	3,922,287	4,332,426	4,029,929	3,060,308	969,621	302,497	28,065	274,432
2009	15,379,473	10,695,816	4,683,657	10,746,637	6,452,414	4,294,223	4,632,836	4,243,402	3,153,294	1,090,108	389,434	27,964	361,470
2010	15,947,474	11,129,239	4,818,235	11,018,756	6,635,799	4,382,957	4,928,718	4,493,440	3,235,149	1,258,291	435,278	26,920	408,358
2011	15,892,792	11,261,849	4,630,947	10,954,754	6,734,116	4,220,638	4,938,038	4,527,729	3,285,711	1,242,018	410,309	34,267	376,042
2012	15,593,434	11,229,774	4,363,660	10,781,798	6,764,184	4,017,614	4,811,636	4,465,590	3,309,242	1,156,348	346,046	32,684	313,362
2013	15,410,058	11,183,239	4,226,819	10,697,939	6,790,930	3,907,009	4,712,119	4,392,309	3,337,799	1,054,510	319,810	27,313	292,497
2014	15,263,179	11,238,618	4,024,561	10,624,163	6,891,984	3,732,179	4,639,016	4,346,634	3,363,101	983,533	292,382	25,808	266,574
2015	15,078,504	11,226,353	3,852,151	10,569,574	6,970,121	3,599,453	4,508,930	4,256,232	3,399,283	856,949	252,698	41,579	211,119
2016	14,936,408	11,355,172	3,581,236	10,571,169	7,220,238	3,350,931	4,365,239	4,134,934	3,410,084	724,850	230,305	43,897	186,408
2017 <sup>3</sup>	14,892,000	10,937,000	3,955,000	10,645,000	6,949,000	3,696,000	4,248,000	3,988,000	—	—	260,000	—	—
2018 <sup>3</sup>	14,953,000	10,977,000	3,976,000	10,689,000	6,974,000	3,715,000	4,264,000	4,003,000	—	—	261,000	—	—
2019 <sup>3</sup>	15,011,000	11,017,000	3,994,000	10,730,000	6,998,000	3,732,000	4,280,000	4,018,000	—	—	262,000	—	—
2020 <sup>3</sup>	15,022,000	11,028,000	3,994,000	10,737,000	7,004,000	3,732,000	4,285,000	4,023,000	—	—	262,000	—	—
2021 <sup>3</sup>	15,037,000	11,040,000	3,996,000	10,746,000	7,011,000	3,734,000	4,291,000	4,029,000	—	—	262,000	—	—
2022 <sup>3</sup>	15,060,000	11,055,000	4,005,000	10,762,000	7,019,000	3,743,000	4,298,000	4,036,000	—	—	262,000	—	—
2023 <sup>3</sup>	15,094,000	11,077,000	4,017,000	10,786,000	7,032,000	3,754,000	4,307,000	4,044,000	—	—	263,000	—	—
2024 <sup>3</sup>	15,141,000	11,109,000	4,032,000	10,821,000	7,053,000	3,768,000	4,319,000	4,056,000	—	—	264,000	—	—
2025 <sup>3</sup>	15,196,000	11,147,000	4,049,000	10,862,000	7,078,000	3,784,000	4,330,000	4,069,000	—	—	265,000	—	—
2026 <sup>3</sup>	15,255,000	11,190,000	4,065,000	10,905,000	7,105,000	3,799,000	4,350,000	4,084,000	—	—	266,000	—	—
2027 <sup>3</sup>	15,272,000	11,205,000	4,066,000	10,915,000	7,114,000	3,801,000	4,356,000	4,091,000	—	—	266,000	—	—

—Not available.

<sup>1</sup>Large increases are due to the addition of schools accredited by the Accrediting Commission of Career Schools and Colleges of Technology.

<sup>2</sup>Because of imputation techniques, data are not consistent with figures for other years.

<sup>3</sup>Projected.

NOTE: Full-time-equivalent enrollment is the number of full-time students enrolled, plus the full-time equivalent of the part-time students. Data through 1995 are for institutions of higher education, while later data are for degree-granting institutions. Degree-granting institutions grant associate's or higher degrees and participate in Title IV federal financial aid programs. The degree-granting classification is very similar to the earlier higher education classification,

but it includes more 2-year colleges and excludes a few higher education institutions that did not grant degrees. Some data have been revised from previously published figures. Detail may not sum to totals because of rounding.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Higher Education General Information Survey (HEGIS), "Fall Enrollment in Colleges and Universities" surveys, 1967 through 1985; Integrated Postsecondary Education Data System (IPEDS), "Fall Enrollment Survey" (IPEDS-EF-86-99); IPEDS Spring 2001 through Spring 2017, Fall Enrollment component; and Enrollment in Degree-Granting Institutions Projection Model, 2000 through 2027. (This table was prepared May 2018.)

**Table 307.20. Full-time-equivalent fall enrollment in degree-granting postsecondary institutions, by control and level of institution and state or jurisdiction: 2000, 2010, and 2016**

State or jurisdiction	Public						Private		Private for-profit			
	4-year			2-year			nonprofit 4-year		4-year		2-year	
	2000	2010	2016	2000	2010	2016	2010	2016	2010	2016	2010	2016
1	2	3	4	5	6	7	8	9	10	11	12	13
<b>United States</b>	<b>5,025,588</b>	<b>6,635,799</b>	<b>7,220,238</b>	<b>3,241,344</b>	<b>4,382,957</b>	<b>3,350,931</b>	<b>3,235,149</b>	<b>3,410,084</b>	<b>1,258,291</b>	<b>724,850</b>	<b>408,358</b>	<b>186,408</b>
Alabama	111,322	140,235	145,766	48,545	68,677	52,166	22,982	22,670	23,570	20,765	3,138	1,855
Alaska	16,335	20,618	17,903	473	357	77	529	413	1,764	0	0	424
Arizona	87,301	120,269	149,490	85,778	122,717	98,431	7,487	8,702	369,895	187,567	15,622	9,402
Arkansas	57,897	77,384	81,344	21,519	41,223	30,376	14,559	14,668	2,450	219	683	119
California	476,027	582,256	803,087	707,558	858,417	693,418	245,393	261,910	102,012	120,831	78,898	28,822
Colorado	109,844	134,234	156,948	41,322	59,409	38,625	25,447	26,149	49,704	28,709	11,486	6,861
Connecticut	46,826	58,329	58,148	20,934	34,116	27,798	57,013	62,633	3,757	5,245	257	0
Delaware	20,427	23,125	34,653	6,939	9,365	0	10,550	12,017	218	146	0	0
District of Columbia	3,364	3,964	3,149	0	0	0	65,755	66,620	3,789	4,235	0	479
Florida	190,472	484,181	541,072	173,433	78,027	17,663	132,201	152,494	100,670	47,286	39,981	17,605
Georgia	136,069	224,448	259,350	66,571	118,307	60,601	63,327	65,173	37,344	20,329	9,268	6,026
Hawaii	17,015	24,136	22,621	14,996	17,786	14,721	11,244	8,543	1,670	1,819	1,459	515
Idaho	34,125	40,828	40,069	6,807	9,847	12,413	16,641	30,993	1,951	190	777	409
Illinois	164,592	178,192	165,542	186,533	228,507	174,843	190,040	186,357	58,243	34,530	9,379	4,496
Indiana	155,982	194,407	193,731	28,131	66,664	41,930	79,106	81,343	18,546	4,306	9,168	2,488
Iowa	61,763	64,706	72,465	44,717	71,021	54,226	50,088	46,645	107,172	22,671	533	260
Kansas	74,307	84,156	84,522	39,457	53,257	47,499	17,882	18,075	1,420	7,266	1,989	1,283
Kentucky	86,080	105,252	106,538	32,239	65,402	47,245	31,858	33,434	13,585	5,759	5,478	625
Louisiana	126,372	124,062	119,702	27,130	52,670	41,730	23,509	22,273	3,939	703	6,608	4,150
Maine	24,678	25,966	23,650	4,797	11,555	10,185	16,928	19,423	0	767	1,303	249
Maryland	94,929	125,536	138,447	57,367	85,789	68,807	42,957	42,445	5,403	2,129	4,143	1,953
Massachusetts	78,452	97,474	103,778	47,972	65,041	53,979	238,759	247,823	4,181	1,491	2,108	462
Michigan	223,981	257,896	279,729	101,794	155,150	83,826	91,255	65,875	8,772	1,486	1,098	1,121
Minnesota	95,345	114,954	109,047	65,167	89,858	72,362	62,150	59,518	71,988	56,785	2,200	387
Mississippi	56,107	67,989	73,612	47,245	70,356	56,664	13,601	13,874	289	142	2,470	1,186
Missouri	99,187	120,933	126,904	46,793	74,399	57,636	113,252	108,604	17,435	3,846	10,713	4,677
Montana	28,278	32,375	32,111	3,900	7,715	5,332	4,073	3,751	0	0	0	35
Nebraska	44,374	50,013	52,039	20,812	30,680	23,482	27,836	28,808	2,151	774	1,037	147
Nevada	27,631	68,001	68,405	20,468	6,571	5,539	3,028	3,539	6,841	2,151	5,151	3,115
New Hampshire	21,064	26,150	25,289	5,442	9,172	7,680	22,449	61,470	3,898	0	0	0
New Jersey	111,449	144,174	156,788	79,367	125,787	98,313	63,113	63,525	5,993	5,596	1,891	2,928
New Mexico	39,779	52,191	48,352	29,541	49,580	38,194	1,012	1,233	6,612	2,204	3,316	1,406
New York	269,664	328,542	334,330	168,911	242,030	213,151	440,038	448,072	27,670	24,614	21,686	11,996
North Carolina	140,203	193,970	202,246	96,999	158,480	130,738	83,931	87,931	10,987	6,690	2,694	3,034
North Dakota	24,728	35,435	33,907	6,515	4,572	4,543	4,832	5,014	1,154	417	0	0
Ohio	215,993	292,493	280,152	92,749	131,274	90,874	123,493	117,862	13,682	5,250	29,858	9,904
Oklahoma	79,786	102,471	99,477	34,997	44,842	35,133	20,213	22,552	5,434	2,265	4,539	2,072
Oregon	59,588	82,751	86,881	46,099	69,825	56,923	28,591	31,948	5,530	1,849	3,791	981
Pennsylvania	211,132	257,017	251,755	58,759	93,216	71,512	248,139	247,069	17,802	7,089	38,769	15,311
Rhode Island	17,967	21,720	22,467	8,650	10,107	8,020	39,093	39,287	0	0	0	0
South Carolina	74,309	93,512	103,543	41,804	66,813	53,750	31,078	30,620	11,326	5,970	2,621	2,647
South Dakota	23,881	29,247	28,987	4,193	5,746	5,206	7,133	5,736	2,831	1,052	0	0
Tennessee	99,636	125,069	118,227	53,146	64,802	56,691	69,240	74,326	15,154	5,753	12,371	7,820
Texas	358,523	506,279	587,430	268,057	403,005	364,361	110,416	121,514	24,705	15,218	39,172	20,369
Utah	71,982	100,176	109,609	16,454	26,302	15,195	56,824	126,640	11,881	3,822	1,393	392
Vermont	13,581	18,461	17,683	1,845	3,114	2,529	15,710	16,375	615	274	0	0
Virginia	147,370	185,096	193,698	72,913	113,060	95,868	87,912	100,737	37,169	23,833	9,380	3,871
Washington	83,899	143,012	208,761	114,754	109,154	41,493	37,741	36,727	7,050	5,043	5,098	1,918
West Virginia	58,171	64,650	59,164	3,969	15,609	11,275	11,487	7,958	18,867	21,661	2,819	2,441
Wisconsin	130,661	160,463	161,901	56,195	68,908	45,566	53,254	48,671	11,045	4,103	2,134	167
Wyoming	9,665	11,089	10,717	10,588	14,676	12,342	0	45	127	0	1,879	0
U.S. Service Academies	13,475	15,912	15,052	0	0	0	†	†	†	†	†	†
<b>Other jurisdictions</b>	<b>66,376</b>	<b>65,847</b>	<b>67,272</b>	<b>7,200</b>	<b>8,758</b>	<b>6,979</b>	<b>113,458</b>	<b>103,199</b>	<b>9,417</b>	<b>15,050</b>	<b>30,467</b>	<b>18,809</b>
American Samoa	0	0	924	214	1,275	0	0	0	0	0	0	0
Federated States of Micronesia	0	0	0	1,308	2,243	1,678	0	0	0	0	0	0
Guam	2,802	3,074	3,287	777	1,424	1,365	73	55	0	0	0	0
Marshall Islands	0	0	0	166	739	802	0	0	0	0	0	0
Northern Marianas	0	1,031	913	707	0	0	0	0	0	0	0	0
Palau	0	0	0	450	541	437	0	0	0	0	0	0
Puerto Rico	61,987	59,658	60,303	3,578	2,536	2,697	113,385	103,144	9,417	15,050	30,467	18,809
U.S. Virgin Islands	1,587	2,084	1,845	0	0	0	0	0	0	0	0	0

†Not applicable.

NOTE: Full-time-equivalent enrollment is the number of full-time students enrolled, plus the full-time equivalent of the part-time students. Degree-granting institutions grant associate's or higher degrees and participate in Title IV federal financial aid programs. Detail may not sum to totals because of rounding.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), Spring 2001, Spring 2011, and Spring 2017, Fall Enrollment component. (This table was prepared January 2018.)

**Table 307.30. Full-time-equivalent fall enrollment in degree-granting postsecondary institutions, by control of institution and state or jurisdiction: 2000, 2010, and 2016**

State or jurisdiction	Total			Public			Private nonprofit			Private for-profit		
	2000	2010	2016	2000	2010	2016	2000	2010	2016	2000	2010	2016
1	2	3	4	5	6	7	8	9	10	11	12	13
<b>United States .....</b>	<b>11,267,025</b>	<b>15,947,474</b>	<b>14,936,408</b>	<b>8,266,932</b>	<b>11,018,756</b>	<b>10,571,169</b>	<b>2,601,179</b>	<b>3,262,069</b>	<b>3,453,981</b>	<b>398,914</b>	<b>1,666,649</b>	<b>911,258</b>
Alabama .....	184,031	258,602	243,608	159,867	208,912	197,932	20,605	22,982	23,056	3,559	26,708	22,620
Alaska .....	17,787	23,268	18,893	16,808	20,975	17,980	672	529	489	307	1,764	424
Arizona .....	225,396	635,990	453,592	173,079	242,986	247,921	8,079	7,487	8,702	44,238	385,517	196,969
Arkansas.....	91,886	136,299	127,834	79,416	118,607	111,720	11,713	14,559	15,776	757	3,133	338
California .....	1,468,486	1,868,187	1,909,669	1,183,585	1,440,673	1,496,505	214,444	246,604	263,511	70,457	180,910	149,653
Colorado .....	188,117	280,408	257,523	151,166	193,643	195,573	20,991	25,575	26,380	15,960	61,190	35,570
Connecticut.....	117,954	153,746	153,824	67,760	92,445	85,946	48,648	57,287	62,633	1,546	4,014	5,245
Delaware.....	34,057	43,470	46,981	27,366	32,490	34,653	6,691	10,762	12,182	0	218	146
District of Columbia .....	59,560	73,508	74,483	3,364	3,964	3,149	54,177	65,755	66,620	2,019	3,789	4,714
Florida.....	486,818	835,295	792,154	363,905	562,208	558,735	90,530	132,436	168,528	32,383	140,651	64,891
Georgia.....	268,707	453,209	413,452	202,640	342,755	319,951	57,444	63,842	67,146	8,623	46,612	26,355
Hawaii.....	45,329	56,295	48,219	32,011	41,922	37,342	11,521	11,244	8,543	1,797	3,129	2,334
Idaho.....	52,353	70,044	84,074	40,932	50,675	52,482	10,751	16,641	30,993	670	2,728	599
Illinois.....	520,087	665,347	566,057	351,125	406,699	340,385	150,578	191,026	186,646	18,384	67,622	39,026
Indiana.....	250,998	368,373	324,311	184,113	261,071	235,661	60,387	79,588	81,856	6,498	27,714	6,794
Iowa.....	152,505	293,680	196,267	106,480	135,727	126,691	43,735	50,248	46,645	2,290	107,705	22,931
Kansas.....	129,839	160,434	158,645	113,764	137,413	132,021	15,605	19,612	18,075	470	3,409	8,549
Kentucky.....	149,395	221,575	193,601	118,319	170,654	153,783	23,859	31,858	33,434	7,217	19,063	6,384
Louisiana.....	183,661	210,788	188,926	153,502	176,732	161,432	25,646	23,509	22,641	4,513	10,547	4,853
Maine.....	43,384	55,950	54,427	29,475	37,521	33,835	13,020	17,126	19,576	889	1,303	1,016
Maryland.....	188,887	263,828	253,781	152,296	211,325	207,254	34,445	42,957	42,445	2,146	9,546	4,082
Massachusetts.....	327,984	408,300	408,018	126,424	162,515	157,757	199,745	239,496	248,308	1,815	6,289	1,953
Michigan.....	402,019	514,171	432,037	325,775	413,046	363,555	73,144	91,255	65,875	3,100	9,870	2,607
Minnesota.....	223,232	341,248	298,168	160,512	204,812	181,409	52,974	62,248	59,587	9,746	74,188	57,172
Mississippi.....	113,804	154,705	145,478	103,352	138,345	130,276	10,073	13,601	13,874	379	2,759	1,328
Missouri.....	237,161	337,846	302,218	145,980	195,332	184,540	82,425	114,366	109,155	8,756	28,148	8,523
Montana.....	36,005	44,605	41,612	32,178	40,090	37,443	3,827	4,515	4,134	0	0	35
Nebraska.....	85,993	111,869	105,372	65,186	80,693	75,521	18,956	27,988	28,930	1,851	3,188	921
Nevada.....	52,577	89,592	82,968	48,099	74,572	73,944	455	3,028	3,758	4,023	11,992	5,266
New Hampshire.....	48,230	61,919	94,558	26,506	35,322	32,969	18,732	22,699	61,589	2,992	3,898	0
New Jersey.....	245,447	340,958	327,150	190,816	269,961	255,101	48,751	63,113	63,525	5,880	7,884	8,524
New Mexico.....	77,415	112,711	91,389	69,320	101,771	86,546	3,274	1,012	1,233	4,821	9,928	3,610
New York.....	826,078	1,063,531	1,034,040	438,575	570,572	547,481	355,832	443,603	449,949	31,671	49,356	36,610
North Carolina.....	305,805	450,726	431,317	237,202	352,450	332,984	68,127	84,595	88,609	476	13,681	9,724
North Dakota.....	35,230	46,556	43,881	31,243	40,007	38,450	3,876	5,395	5,014	111	1,154	417
Ohio.....	426,080	591,980	505,152	308,742	423,767	371,026	105,004	124,673	118,972	12,334	43,540	15,154
Oklahoma.....	136,833	177,499	162,693	114,783	147,313	134,610	18,827	20,213	23,746	3,223	9,973	4,337
Oregon.....	130,705	190,488	178,582	105,687	152,576	143,804	22,079	28,591	31,948	2,939	9,321	2,830
Pennsylvania.....	499,729	661,592	599,347	269,891	350,233	323,267	201,136	254,788	253,680	28,702	56,571	22,400
Rhode Island.....	59,639	70,920	69,774	26,617	31,827	30,487	32,813	39,093	39,287	209	0	0
South Carolina.....	143,343	206,261	197,517	116,113	160,325	157,293	26,504	31,989	31,607	726	13,947	8,617
South Dakota.....	34,876	45,155	40,981	28,074	34,993	34,193	4,751	7,331	5,736	2,051	2,831	1,052
Tennessee.....	209,100	286,834	263,362	152,782	189,871	174,918	50,967	69,438	74,871	5,351	27,525	13,573
Texas.....	741,012	1,085,155	1,110,594	626,580	909,284	951,791	98,445	111,994	123,216	15,987	63,877	35,587
Utah.....	125,622	198,079	257,347	88,436	126,478	124,804	32,727	58,327	128,329	4,459	13,274	4,214
Vermont.....	29,099	38,387	36,861	15,426	21,575	20,212	13,336	16,197	16,375	337	615	274
Virginia.....	277,270	432,617	418,639	220,283	298,156	289,566	44,825	87,912	101,369	12,162	46,549	27,704
Washington.....	236,609	302,113	295,451	198,653	252,166	250,254	32,726	37,799	38,236	5,230	12,148	6,961
West Virginia.....	72,962	113,432	102,499	62,140	80,259	70,439	8,891	11,487	7,958	1,931	21,686	24,102
Wisconsin.....	232,912	296,246	260,408	186,856	229,371	207,467	44,416	53,696	48,671	1,640	13,179	4,270
Wyoming.....	21,542	27,771	23,622	20,253	25,765	23,059	0	0	563	1,289	2,006	0
U.S. Service Academies.....	13,475	15,912	15,052	13,475	15,912	15,052	†	†	†	†	†	†
<b>Other jurisdictions.....</b>	<b>166,039</b>	<b>232,204</b>	<b>212,093</b>	<b>73,576</b>	<b>74,605</b>	<b>74,251</b>	<b>81,642</b>	<b>117,715</b>	<b>103,983</b>	<b>10,821</b>	<b>39,884</b>	<b>33,859</b>
American Samoa.....	214	1,275	924	214	1,275	924	0	0	0	0	0	0
Federated States of Micronesia.....	1,308	2,243	1,678	1,308	2,243	1,678	0	0	0	0	0	0
Guam.....	3,579	4,571	4,707	3,579	4,498	4,652	0	73	55	0	0	0
Marshall Islands.....	166	739	802	166	739	802	0	0	0	0	0	0
Northern Marianas.....	707	1,031	913	707	1,031	913	0	0	0	0	0	0
Palau.....	450	541	437	450	541	437	0	0	0	0	0	0
Puerto Rico.....	158,028	219,720	200,787	65,565	62,194	63,000	81,642	117,642	103,928	10,821	39,884	33,859
U.S. Virgin Islands.....	1,587	2,084	1,845	1,587	2,084	1,845	0	0	0	0	0	0

†Not applicable.

NOTE: Full-time-equivalent enrollment is the number of full-time students enrolled, plus the full-time equivalent of the part-time students. Degree-granting institutions grant associate's or higher degrees and participate in Title IV federal financial aid programs. Detail may not sum to totals because of rounding.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), Spring 2001, 2011, and 2017, Fall Enrollment component. (This table was prepared January 2018.)

**Table 308.10. Total 12-month enrollment in degree-granting postsecondary institutions, by control and level of institution and state or jurisdiction: 2014–15 and 2015–16**

State or jurisdiction	2014–15							2015–16						
	Total	Public 4-year	Public 2-year	Private 4-year		Private 2-year		Total	Public 4-year	Public 2-year	Private 4-year		Private 2-year	
				Nonprofit	For-profit	Nonprofit	For-profit				Nonprofit	For-profit	Nonprofit	For-profit
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
<b>United States</b> .....	<b>26,720,589</b>	<b>9,876,482</b>	<b>9,527,870</b>	<b>4,873,904</b>	<b>1,959,344</b>	<b>79,077</b>	<b>403,912</b>	<b>26,331,478</b>	<b>10,396,512</b>	<b>8,894,829</b>	<b>4,904,396</b>	<b>1,685,633</b>	<b>81,287</b>	<b>368,821</b>
Alabama .....	395,361	189,870	121,004	29,271	49,686	832	4,698	391,803	191,971	119,569	29,349	46,224	562	4,128
Alaska .....	54,350	47,254	674	892	4,853	96	581	47,983	45,826	731	683	0	95	648
Arizona .....	979,278	180,044	318,634	11,294	453,807	0	15,499	904,143	192,518	302,896	11,429	381,610	0	15,690
Arkansas .....	213,726	115,872	75,655	18,520	1,548	1,873	258	210,315	117,149	72,149	18,649	645	1,518	205
California .....	3,590,319	755,796	2,132,850	363,849	271,371	2,616	63,837	3,621,818	1,080,184	1,869,838	366,201	244,453	3,041	58,101
Colorado .....	488,199	223,990	137,164	42,993	67,492	1,511	15,049	483,950	252,673	106,512	45,007	64,353	706	14,699
Connecticut .....	254,923	77,642	77,301	83,468	16,512	0	0	252,637	77,408	73,710	85,291	16,228	0	0
Delaware .....	75,567	29,496	19,163	26,190	521	197	0	74,747	48,328	0	25,763	485	171	0
District of Columbia .....	106,561	6,802	0	88,833	9,904	39	983	111,603	6,530	0	89,613	14,951	0	509
Florida .....	1,500,617	998,529	59,358	284,832	96,001	24,295	37,602	1,453,558	1,002,775	41,123	259,101	87,013	32,070	31,476
Georgia .....	680,922	345,321	182,896	83,075	55,351	1,556	12,723	673,987	363,910	166,503	82,984	43,416	2,360	14,814
Hawaii .....	91,797	35,531	37,891	14,261	3,461	0	653	88,806	34,457	37,234	13,048	3,217	0	850
Idaho .....	149,459	65,198	34,508	47,525	1,523	0	705	170,106	63,169	33,484	72,112	675	0	666
Illinois .....	1,225,304	218,678	620,056	266,423	110,155	934	9,058	1,191,474	217,007	597,286	263,610	104,458	531	8,582
Indiana .....	593,678	277,304	173,371	109,234	26,296	483	6,990	569,569	278,099	165,959	109,546	10,623	588	4,754
Iowa .....	378,485	85,697	138,562	68,201	85,096	0	929	365,582	87,769	137,962	65,881	73,357	0	613
Kansas .....	314,020	116,958	132,133	38,715	23,482	0	2,732	302,486	115,876	129,996	33,790	20,370	0	2,454
Kentucky .....	327,588	145,448	116,784	45,333	17,913	0	2,110	313,485	144,775	107,432	47,039	13,337	0	902
Louisiana .....	313,926	161,599	108,481	29,629	4,125	951	9,141	314,229	172,180	101,722	29,390	1,608	597	8,732
Maine .....	93,396	37,574	24,500	27,998	2,292	342	690	94,134	36,673	24,207	30,162	2,202	290	600
Maryland .....	473,352	212,554	186,058	62,776	8,055	0	3,909	472,868	217,037	179,824	65,436	6,296	0	4,275
Massachusetts .....	642,792	158,539	140,096	335,560	5,267	1,655	1,675	640,856	162,060	132,612	339,383	3,755	1,812	1,234
Michigan .....	785,532	378,267	271,086	125,296	8,423	0	2,460	752,922	394,179	236,953	116,254	3,269	0	2,267
Minnesota .....	587,629	162,159	179,592	84,361	160,496	93	928	575,133	161,091	174,564	84,080	154,551	165	682
Mississippi .....	219,632	92,069	101,573	21,425	510	0	4,055	218,795	93,384	99,755	21,919	445	0	3,292
Missouri .....	541,264	181,193	138,590	193,840	14,310	1,224	12,107	524,483	182,864	133,080	189,031	9,227	1,233	9,048
Montana .....	64,170	44,575	13,823	5,028	0	744	0	63,029	44,012	13,372	4,959	0	648	38
Nebraska .....	186,688	69,784	70,261	42,906	3,038	229	470	182,035	70,276	65,121	44,065	2,067	199	307
Nevada .....	157,244	122,246	16,269	4,472	6,753	1,092	6,412	149,642	118,237	15,582	4,866	3,952	610	6,395
New Hampshire .....	152,996	33,070	23,325	93,701	2,703	197	0	177,202	33,182	22,129	121,668	0	223	0
New Jersey .....	547,316	211,767	233,758	85,153	11,188	0	5,450	540,678	215,562	224,484	84,624	11,356	0	4,652
New Mexico .....	196,481	75,146	110,106	2,173	6,573	0	2,483	187,030	73,251	105,066	1,988	4,337	0	2,388
New York .....	1,645,665	480,272	462,720	621,998	49,798	3,410	27,467	1,617,893	477,931	443,718	618,575	50,814	3,381	23,474
North Carolina .....	733,613	252,854	338,452	109,423	24,127	810	7,947	716,349	255,597	325,357	108,602	18,247	864	7,682
North Dakota .....	68,670	51,362	9,487	6,532	1,289	0	0	66,375	49,277	9,423	6,661	1,014	0	0
Ohio .....	880,948	399,656	265,506	167,650	24,982	1,794	21,360	861,268	400,036	261,271	163,725	15,003	1,631	19,602
Oklahoma .....	271,602	144,850	86,225	29,016	5,868	1,165	4,478	264,628	142,836	83,410	28,695	4,138	2,036	3,513
Oregon .....	352,512	132,232	164,145	46,994	6,408	249	2,484	351,195	134,084	165,123	46,032	4,074	0	1,882
Pennsylvania .....	926,534	317,958	198,507	331,696	28,085	13,166	37,122	904,159	316,944	191,925	331,644	22,141	12,305	29,200
Rhode Island .....	97,638	29,238	22,917	45,483	0	0	0	96,792	29,172	21,677	45,943	0	0	0
South Carolina .....	321,269	125,116	130,413	42,129	17,040	845	5,726	311,740	126,919	123,511	40,952	12,224	1,195	6,939
South Dakota .....	75,645	53,987	8,159	8,830	4,336	333	0	71,936	51,109	8,312	8,747	3,768	0	0
Tennessee .....	403,921	157,897	118,656	94,301	16,838	1,182	15,047	395,775	156,085	115,999	94,973	11,936	972	15,810
Texas .....	2,107,335	799,230	1,057,919	160,168	46,977	5,362	37,679	2,136,878	837,032	1,061,421	162,747	32,260	3,720	39,698
Utah .....	372,955	177,955	45,295	137,662	8,671	2,855	517	391,593	181,368	43,197	157,355	6,142	2,986	545
Vermont .....	58,489	23,675	10,774	23,506	534	0	0	57,681	23,297	9,497	24,437	450	0	0
Virginia .....	761,565	248,596	263,888	175,394	60,296	2,205	11,186	741,963	248,343	255,360	175,651	53,187	1,399	8,023
Washington .....	505,196	306,391	135,326	48,963	7,286	3,387	3,843	499,798	339,328	97,861	48,311	7,936	2,629	3,733
West Virginia .....	230,696	80,573	24,855	10,243	110,470	0	4,555	222,175	80,158	24,533	10,564	101,499	0	5,421
Wisconsin .....	460,664	209,363	156,751	76,602	17,634	0	314	441,405	223,574	131,427	73,786	12,320	0	298
Wyoming .....	48,228	14,433	32,353	87	0	1,355	0	46,083	14,306	30,952	75	0	750	0
U.S. Service Academies ..	14,872	14,872	0	†	†	†	†	14,704	14,704	0	†	†	†	†
<b>Other jurisdictions</b> ..	<b>298,620</b>	<b>75,118</b>	<b>11,976</b>	<b>151,007</b>	<b>24,251</b>	<b>1,584</b>	<b>34,684</b>	<b>289,714</b>	<b>76,884</b>	<b>11,354</b>	<b>146,913</b>	<b>26,441</b>	<b>1,286</b>	<b>26,836</b>
American Samoa .....	1,791	1,791	0	0	0	0	0	1,635	1,635	0	0	0	0	0
Federated States of Micronesia .....	3,121	0	3,121	0	0	0	0	2,701	0	2,701	0	0	0	0
Guam .....	7,970	4,624	3,272	74	0	0	0	7,926	4,591	3,214	121	0	0	0
Marshall Islands .....	1,383	0	1,383	0	0	0	0	1,319	0	1,319	0	0	0	0
Northern Marianas .....	1,427	1,427	0	0	0	0	0	1,348	1,348	0	0	0	0	0
Palau .....	800	0	800	0	0	0	0	800	0	800	0	0	0	0
Puerto Rico .....	279,272	64,420	3,400	150,933	24,251	1,584	34,684	271,188	66,513	3,320	146,792	26,441	1,286	26,836
U.S. Virgin Islands .....	2,856	2,856	0	0	0	0	0	2,797	2,797	0	0	0	0	0

†Not applicable.  
NOTE: Includes students who enrolled at any point during a 12-month period ending during the summer of the academic year indicated. Degree-granting institutions grant associate's or higher degrees and participate in Title IV federal financial aid programs. Some data have been revised from previously published figures.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), Fall 2015 and Fall 2016, 12-Month Enrollment component. (This table was prepared January 2018.)

**Table 308.20. Total 12-month enrollment in degree-granting postsecondary institutions, by control of institution and state or jurisdiction: Selected years, 2004–05 through 2015–16**

State or jurisdiction	Total					Public			Private nonprofit			Private for-profit		
	2004–05	2010–11	2011–12	2014–15	2015–16	2004–05	2010–11	2015–16	2004–05	2010–11	2015–16	2004–05	2010–11	2015–16
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
<b>United States .....</b>	<b>23,798,595</b>	<b>28,561,503</b>	<b>28,172,198</b>	<b>26,720,589</b>	<b>26,331,478</b>	<b>18,058,078</b>	<b>20,516,945</b>	<b>19,291,341</b>	<b>4,222,755</b>	<b>4,761,799</b>	<b>4,985,683</b>	<b>1,517,762</b>	<b>3,282,759</b>	<b>2,054,454</b>
Alabama .....	349,783	431,219	423,697	395,361	391,803	310,878	341,757	311,540	28,847	30,152	29,911	10,058	59,310	50,352
Alaska .....	53,786	58,668	60,103	54,350	47,983	51,689	53,841	46,557	1,253	998	778	844	3,829	648
Arizona .....	821,240	1,238,668	1,161,102	979,278	904,143	499,192	544,922	495,414	13,162	11,438	11,429	308,886	682,308	397,300
Arkansas .....	182,497	228,659	230,899	213,726	210,315	164,751	204,632	189,298	15,260	19,536	20,167	2,486	4,491	850
California .....	3,341,107	3,748,013	3,580,417	3,590,319	3,621,818	2,843,929	3,070,257	2,950,022	327,661	344,961	369,242	169,517	332,795	302,554
Colorado .....	428,215	519,811	524,887	488,199	483,950	333,100	364,905	359,185	40,144	41,959	45,713	54,971	112,947	79,052
Connecticut .....	219,327	251,521	254,715	254,923	252,637	144,681	162,795	151,118	71,235	78,212	85,291	3,411	10,514	16,228
Delaware .....	63,817	70,098	70,454	75,567	74,747	47,148	48,991	48,328	16,669	20,408	25,934	0	699	485
District of Columbia .....	129,349	114,264	106,523	106,561	111,603	10,095	12,786	6,530	81,718	89,433	89,613	37,536	12,045	15,460
Florida .....	1,232,578	1,585,959	1,612,394	1,500,617	1,453,558	912,150	1,080,517	1,043,898	191,789	251,966	291,171	128,639	253,476	118,489
Georgia .....	569,805	776,316	730,684	680,922	673,987	466,589	584,787	530,413	70,449	82,614	85,344	32,767	108,915	58,230
Hawaii .....	92,643	101,719	101,481	91,797	88,806	67,835	76,929	71,691	20,749	19,182	13,048	4,059	5,608	4,067
Idaho .....	108,415	126,866	142,195	149,459	170,106	84,627	92,865	96,653	20,802	28,421	72,112	2,986	5,580	1,341
Illinois .....	1,293,156	1,374,177	1,350,322	1,225,304	1,191,474	933,506	948,489	814,293	257,053	280,649	264,141	102,597	145,039	113,040
Indiana .....	488,374	621,156	609,700	593,678	569,569	363,817	455,107	444,058	103,295	107,813	110,134	21,262	58,236	15,377
Iowa .....	309,318	573,112	557,823	378,485	365,582	200,039	236,600	225,731	72,538	78,103	65,881	36,741	258,409	73,970
Kansas .....	276,293	302,966	298,578	314,020	302,486	241,778	259,654	245,872	32,480	36,532	33,790	2,035	6,780	22,824
Kentucky .....	303,785	374,660	374,000	327,588	313,485	248,402	293,292	252,207	33,565	44,135	47,039	21,818	37,233	14,239
Louisiana .....	323,630	338,898	338,468	313,926	314,229	276,599	288,958	273,902	34,050	34,127	29,987	12,981	15,813	10,340
Maine .....	88,644	92,858	94,341	93,396	94,134	64,380	66,013	60,880	22,474	24,233	30,452	1,790	2,612	2,802
Maryland .....	412,867	490,738	496,859	473,352	472,868	340,538	404,916	396,861	64,377	66,660	65,436	7,952	19,162	10,571
Massachusetts .....	565,872	640,116	644,103	642,792	640,856	266,316	301,999	294,672	293,677	327,569	341,195	5,879	10,548	4,989
Michigan .....	844,731	911,818	889,359	785,532	752,922	690,014	734,343	631,132	141,670	159,624	116,254	13,047	17,851	5,536
Minnesota .....	469,986	625,540	614,033	587,629	575,133	318,448	361,582	335,655	83,577	88,876	84,245	67,961	175,082	155,233
Mississippi .....	206,917	235,071	233,236	219,632	218,795	187,594	209,115	193,139	17,299	20,162	21,919	2,024	5,794	3,737
Missouri .....	504,860	615,010	609,945	541,264	524,483	289,162	336,606	315,944	187,886	209,055	190,264	27,812	69,349	18,275
Montana .....	60,259	68,083	68,163	64,170	63,029	53,889	61,911	57,384	6,370	6,172	5,607	0	0	38
Nebraska .....	178,595	205,496	202,876	186,688	182,035	140,544	156,586	135,397	34,369	43,617	44,264	3,682	5,293	2,374
Nevada .....	153,540	178,375	165,857	157,244	149,642	136,158	154,792	133,819	1,087	4,332	5,476	16,295	19,251	10,347
New Hampshire .....	92,067	98,788	101,835	152,996	177,202	52,671	58,196	55,311	31,809	34,560	121,891	7,587	6,032	0
New Jersey .....	484,892	569,225	566,181	547,316	540,678	395,088	467,558	440,046	80,936	87,569	84,624	8,868	14,098	16,008
New Mexico .....	190,031	220,705	216,076	196,481	187,030	175,425	204,209	178,317	5,007	1,386	1,988	9,599	15,110	6,725
New York .....	1,457,951	1,657,093	1,674,438	1,645,665	1,617,893	820,849	950,505	921,649	560,583	622,623	621,956	76,519	83,965	74,288
North Carolina .....	637,309	757,889	751,635	733,613	716,349	537,735	620,890	580,954	94,361	106,129	109,466	5,213	30,870	25,929
North Dakota .....	62,743	70,185	70,816	68,670	66,375	54,671	59,830	58,700	7,090	7,667	6,661	982	2,688	1,014
Ohio .....	809,712	992,062	966,766	880,948	861,268	601,853	726,472	661,307	167,235	179,987	165,356	40,624	85,603	34,605
Oklahoma .....	276,437	299,365	300,108	271,602	264,628	238,444	257,400	226,246	27,920	26,726	30,731	10,073	15,239	7,651
Oregon .....	296,574	374,342	377,098	352,512	351,195	251,800	320,026	299,207	31,580	39,258	46,032	13,194	15,058	5,956
Pennsylvania .....	868,185	1,019,990	996,327	926,534	904,159	493,773	548,169	508,869	307,862	351,503	343,949	66,550	120,318	51,341
Rhode Island .....	99,103	101,610	100,938	97,638	96,792	52,263	54,535	50,849	45,906	47,075	45,943	934	0	0
South Carolina .....	268,590	331,280	335,091	321,269	311,740	221,632	262,422	250,430	43,450	43,306	42,147	3,508	25,552	19,163
South Dakota .....	63,989	74,210	73,936	75,645	71,936	48,570	56,861	59,421	9,858	9,783	8,747	5,561	7,566	3,768
Tennessee .....	353,167	438,901	435,377	403,921	395,775	254,104	299,545	272,084	72,505	92,761	95,945	26,558	46,595	27,746
Texas .....	1,695,267	2,107,654	2,119,327	2,107,335	2,136,878	1,492,623	1,843,574	1,898,453	148,812	160,405	166,467	53,832	103,675	71,958
Utah .....	278,798	340,784	350,906	372,955	391,593	213,428	236,332	224,565	50,268	80,445	160,341	15,102	24,007	6,687
Vermont .....	51,313	59,997	60,059	58,489	57,681	31,099	36,594	32,794	19,771	22,623	24,437	443	780	450
Virginia .....	583,958	783,117	798,893	761,565	741,963	462,958	541,978	503,703	80,805	141,580	177,050	40,195	99,559	61,210
Washington .....	520,108	554,551	525,030	505,196	499,798	451,410	483,491	437,189	52,896	50,395	50,940	15,802	20,665	11,669
West Virginia .....	126,082	231,331	242,223	230,696	222,175	104,704	119,247	104,691	15,416	16,749	10,564	5,962	95,335	106,920
Wisconsin .....	444,120	507,252	492,758	460,664	441,405	353,215	390,899	355,001	83,180	88,330	73,786	7,725	28,023	12,618
Wyoming .....	48,651	53,987	53,384	48,228	46,083	45,756	50,935	45,258	0	0	825	2,895	3,052	0
U.S. Service Academies ..	16,159	17,330	15,782	14,872	14,704	16,159	17,330	14,704	†	†	†	†	†	†
<b>Other jurisdictions ..</b>	<b>258,744</b>	<b>316,672</b>	<b>317,210</b>	<b>298,620</b>	<b>289,714</b>	<b>95,808</b>	<b>94,233</b>	<b>88,238</b>	<b>136,708</b>	<b>163,515</b>	<b>148,199</b>	<b>26,228</b>	<b>58,924</b>	<b>53,277</b>
American Samoa .....	2,299	2,744	2,621	1,791	1,635	2,299	2,744	1,635	0	0	0	0	0	0
Federated States of Micronesia .....	3,570	5,097	5,457	3,121	2,701	3,570	5,097	2,701	0	0	0	0	0	0
Guam .....	7,125	8,105	8,005	7,970	7,926	6,936	8,001	7,805	189	104	121	0	0	0
Marshall Islands .....	466	1,176	1,310	1,383	1,319	466	1,176	1,319	0	0	0	0	0	0
Northern Marianas .....	1,590	1,388	1,332	1,427	1,348	1,590	1,388	1,348	0	0	0	0	0	0
Palau .....	987	922	981	800	800	987	922	800	0	0	0	0	0	0
Puerto Rico .....	239,442	293,820	294,259	279,272	271,188	76,695	71,485	69,833	136,519	163,411	148,078	26,228	58,924	53,277
U.S. Virgin Islands .....	3,265	3,420	3,245	2,856	2,797	3,265	3,420	2,797	0	0	0	0	0	0

†Not applicable.

NOTE: Includes students who enrolled at any point during a 12-month period ending during the summer of the academic year indicated. Degree-granting institutions grant associate's or higher degrees and participate in Title IV federal financial aid programs. Some data have been revised from previously published figures.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), Fall 2005 through Fall 2016, 12-Month Enrollment component. (This table was prepared January 2018.)

**Table 309.10. Residence and migration of all first-time degree/certificate-seeking undergraduates in degree-granting postsecondary institutions, by state or jurisdiction: Fall 2016**

State or jurisdiction	Total first-time enrollment in institutions located in the state	State residents enrolled in institutions		Ratio of in-state students		Migration of students		
		In any state <sup>1</sup>	In their home state	To first-time enrollment (col. 4/col. 2)	To residents enrolled in any state (col. 4/col. 3)	Out of state (col. 3 - col. 4)	Into state <sup>2</sup> (col. 2 - col. 4)	Net (col. 8 - col. 7)
1	2	3	4	5	6	7	8	9
<b>United States</b> .....	<b>2,881,616</b>	<b>2,778,985</b>	<b>2,263,121</b>	<b>0.79</b>	<b>0.81</b>	<b>515,864</b>	<b>618,495</b>	<b>102,631</b>
Alabama .....	49,968	40,889	35,567	0.71	0.87	5,322	14,401	9,079
Alaska .....	3,049	4,652	2,802	0.92	0.60	1,850	247	-1,603
Arizona .....	65,782	50,825	45,187	0.69	0.89	5,638	20,595	14,957
Arkansas .....	27,332	23,813	20,644	0.76	0.87	3,169	6,688	3,519
California .....	395,583	391,873	349,524	0.88	0.89	42,349	46,059	3,710
Colorado .....	43,849	42,387	32,315	0.74	0.76	10,072	11,534	1,462
Connecticut .....	31,695	36,281	20,790	0.66	0.57	15,491	10,905	-4,586
Delaware .....	9,727	8,431	5,781	0.59	0.69	2,650	3,946	1,296
District of Columbia .....	9,012	3,291	760	0.08	0.23	2,531	8,252	5,721
Florida .....	158,925	146,292	127,268	0.80	0.87	19,024	31,657	12,633
Georgia .....	84,893	88,112	70,937	0.84	0.81	17,175	13,956	-3,219
Hawaii .....	8,414	10,355	6,452	0.77	0.62	3,903	1,962	-1,941
Idaho .....	14,654	12,022	8,872	0.61	0.74	3,150	5,782	2,632
Illinois .....	94,188	113,383	77,838	0.83	0.69	35,545	16,350	-19,195
Indiana .....	64,045	52,751	45,416	0.71	0.86	7,335	18,629	11,294
Iowa .....	38,130	26,852	23,412	0.61	0.87	3,440	14,718	11,278
Kansas .....	32,131	27,088	22,924	0.71	0.85	4,164	9,207	5,043
Kentucky .....	36,389	33,524	28,711	0.79	0.86	4,813	7,678	2,865
Louisiana .....	40,263	38,751	34,042	0.85	0.88	4,709	6,221	1,512
Maine .....	11,727	10,492	7,445	0.63	0.71	3,047	4,282	1,235
Maryland .....	45,918	52,931	35,697	0.78	0.67	17,234	10,221	-7,013
Massachusetts .....	72,432	64,754	43,591	0.60	0.67	21,163	28,841	7,678
Michigan .....	86,313	84,967	74,953	0.87	0.88	10,014	11,360	1,346
Minnesota .....	45,102	50,036	35,204	0.78	0.70	14,832	9,898	-4,934
Mississippi .....	31,947	27,380	24,387	0.76	0.89	2,993	7,560	4,567
Missouri .....	53,779	50,738	41,141	0.77	0.81	9,597	12,638	3,041
Montana .....	8,952	7,337	5,820	0.65	0.79	1,517	3,132	1,615
Nebraska .....	18,417	16,895	13,818	0.75	0.82	3,077	4,599	1,522
Nevada .....	16,112	18,293	14,090	0.87	0.77	4,203	2,022	-2,181
New Hampshire .....	15,726	11,353	6,221	0.40	0.55	5,132	9,505	4,373
New Jersey .....	64,986	93,476	58,787	0.90	0.63	34,689	6,199	-28,490
New Mexico .....	19,132	19,041	16,083	0.84	0.84	2,958	3,049	91
New York .....	185,672	176,759	144,029	0.78	0.81	32,730	41,643	8,913
North Carolina .....	88,600	84,453	72,815	0.82	0.86	11,638	15,785	4,147
North Dakota .....	8,709	5,988	4,446	0.51	0.74	1,542	4,263	2,721
Ohio .....	103,056	96,110	81,637	0.79	0.85	14,473	21,419	6,946
Oklahoma .....	36,261	30,864	27,409	0.76	0.89	3,455	8,852	5,397
Oregon .....	30,628	26,131	21,289	0.70	0.81	4,842	9,339	4,497
Pennsylvania .....	125,139	108,337	88,653	0.71	0.82	19,684	36,486	16,802
Rhode Island .....	14,942	8,423	5,491	0.37	0.65	2,932	9,451	6,519
South Carolina .....	45,173	39,483	34,137	0.76	0.86	5,346	11,036	5,690
South Dakota .....	8,316	6,697	5,129	0.62	0.77	1,568	3,187	1,619
Tennessee .....	56,604	54,560	45,793	0.81	0.84	8,767	10,811	2,044
Texas .....	234,579	245,723	218,029	0.93	0.89	27,694	16,550	-11,144
Utah .....	32,317	24,884	22,626	0.70	0.91	2,258	9,691	7,433
Vermont .....	7,474	4,405	2,229	0.30	0.51	2,176	5,245	3,069
Virginia .....	79,027	73,487	60,100	0.76	0.82	13,387	18,927	5,540
Washington .....	47,794	49,731	39,064	0.82	0.79	10,667	8,730	-1,937
West Virginia .....	18,879	13,179	11,451	0.61	0.87	1,728	7,428	5,700
Wisconsin .....	50,540	47,698	38,488	0.76	0.81	9,210	12,052	2,842
Wyoming .....	5,227	4,680	3,576	0.68	0.76	1,104	1,651	547
U.S. Service Academies .....	4,107	†	251 <sup>3</sup>	0.06	†	-251	3,856	4,107
State unknown <sup>4</sup> .....	†	18,128	†	†	†	18,128	†	-18,128
<b>Other jurisdictions</b> .....	<b>48,677</b>	<b>49,501</b>	<b>47,743</b>	<b>0.98</b>	<b>0.96</b>	<b>1,758</b>	<b>934</b>	<b>-824</b>
American Samoa .....	392	457	392	1.00	0.86	65	0	-65
Federated States of Micronesia .....	760	862	760	1.00	0.88	102	0	-102
Guam .....	985	1,155	931	0.95	0.81	224	54	-170
Marshall Islands .....	329	315	302	0.92	0.96	13	27	14
Northern Marianas .....	305	388	305	1.00	0.79	83	0	-83
Palau .....	148	144	122	0.82	0.85	22	26	4
Puerto Rico .....	45,413	45,527	44,597	0.98	0.98	930	816	-114
U.S. Virgin Islands .....	345	653	334	0.97	0.51	319	11	-308
Foreign countries .....	†	87,040	†	†	†	87,040	†	-87,040
Residence unknown .....	†	14,767	†	†	†	14,767	†	-14,767

†Not applicable.

<sup>1</sup>Students residing in a particular state when admitted to an institution anywhere—either in their home state or another state.

<sup>2</sup>Includes students coming to U.S. institutions from foreign countries and other jurisdictions.

<sup>3</sup>Students whose residence is in the same state as the service academy.

<sup>4</sup>Institution unable to determine student's home state.

NOTE: Includes all first-time postsecondary students enrolled at reporting institutions. Degree-granting institutions grant associate's or higher degrees and participate in Title IV federal financial aid programs.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), Spring 2017, Fall Enrollment component. (This table was prepared March 2018.)

**Table 309.20. Residence and migration of all first-time degree/certificate-seeking undergraduates in degree-granting postsecondary institutions who graduated from high school in the previous 12 months, by state or jurisdiction: Fall 2016**

State or jurisdiction	Total first-time enrollment in institutions located in the state	State residents enrolled in institutions		Ratio of in-state students		Migration of students		
		In any state <sup>1</sup>	In their home state	To first-time enrollment (col. 4/col. 2)	To residents enrolled in any state (col. 4/col. 3)	Out of state (col. 3 - col. 4)	Into state <sup>2</sup> (col. 2 - col. 4)	Net (col. 8 - col. 7)
1	2	3	4	5	6	7	8	9
<b>United States .....</b>	<b>2,218,053</b>	<b>2,163,102</b>	<b>1,734,291</b>	<b>0.78</b>	<b>0.80</b>	<b>428,811</b>	<b>483,762</b>	<b>54,951</b>
Alabama .....	41,568	32,789	29,007	0.70	0.88	3,782	12,561	8,779
Alaska .....	2,186	3,322	2,005	0.92	0.60	1,317	181	-1,136
Arizona .....	43,832	36,305	31,782	0.73	0.88	4,523	12,050	7,527
Arkansas .....	23,181	19,505	17,361	0.75	0.89	2,144	5,820	3,676
California .....	261,979	274,295	237,030	0.90	0.86	37,265	24,949	-12,316
Colorado .....	33,365	33,292	24,504	0.73	0.74	8,788	8,861	73
Connecticut .....	25,456	30,717	16,388	0.64	0.53	14,329	9,068	-5,261
Delaware .....	8,017	6,704	4,501	0.56	0.67	2,203	3,516	1,313
District of Columbia .....	7,938	2,465	454	0.06	0.18	2,011	7,484	5,473
Florida .....	110,896	110,511	95,001	0.86	0.86	15,510	15,895	385
Georgia .....	66,906	67,724	55,310	0.83	0.82	12,414	11,596	-818
Hawaii .....	6,373	8,238	4,842	0.76	0.59	3,396	1,531	-1,865
Idaho .....	10,931	8,725	6,400	0.59	0.73	2,325	4,531	2,206
Illinois .....	72,534	92,164	59,743	0.82	0.65	32,421	12,791	-19,630
Indiana .....	53,396	43,921	37,984	0.71	0.86	5,937	15,412	9,475
Iowa .....	31,471	23,007	20,012	0.64	0.87	2,995	11,459	8,464
Kansas .....	25,646	22,305	18,819	0.73	0.84	3,486	6,827	3,341
Kentucky .....	31,128	27,724	24,310	0.78	0.88	3,414	6,818	3,404
Louisiana .....	33,716	31,760	28,452	0.84	0.90	3,308	5,264	1,956
Maine .....	9,771	8,516	5,837	0.60	0.69	2,679	3,934	1,255
Maryland .....	33,348	41,317	26,080	0.78	0.63	15,237	7,268	-7,969
Massachusetts .....	61,644	54,939	35,528	0.58	0.65	19,411	26,116	6,705
Michigan .....	69,530	67,904	59,683	0.86	0.88	8,221	9,847	1,626
Minnesota .....	37,219	42,352	28,720	0.77	0.68	13,632	8,499	-5,133
Mississippi .....	27,557	22,352	20,760	0.75	0.93	1,592	6,797	5,205
Missouri .....	42,003	40,124	32,036	0.76	0.80	8,088	9,967	1,879
Montana .....	6,914	5,320	4,137	0.60	0.78	1,183	2,777	1,594
Nebraska .....	16,022	14,714	12,008	0.75	0.82	2,706	4,014	1,308
Nevada .....	12,058	13,502	10,182	0.84	0.75	3,320	1,876	-1,444
New Hampshire .....	10,703	9,662	4,973	0.46	0.51	4,689	5,730	1,041
New Jersey .....	47,162	74,680	42,666	0.90	0.57	32,014	4,496	-27,518
New Mexico .....	14,006	13,848	11,781	0.84	0.85	2,067	2,225	158
New York .....	151,386	145,316	116,158	0.77	0.80	29,158	35,228	6,070
North Carolina .....	70,869	65,765	57,453	0.81	0.87	8,312	13,416	5,104
North Dakota .....	7,481	4,877	3,715	0.50	0.76	1,162	3,766	2,604
Ohio .....	84,225	77,682	65,913	0.78	0.85	11,769	18,312	6,543
Oklahoma .....	28,327	23,917	21,292	0.75	0.89	2,625	7,035	4,410
Oregon .....	22,061	18,334	14,245	0.65	0.78	4,089	7,816	3,727
Pennsylvania .....	101,533	85,911	69,148	0.68	0.80	16,763	32,385	15,622
Rhode Island .....	13,200	7,051	4,412	0.33	0.63	2,639	8,788	6,149
South Carolina .....	36,904	30,640	27,154	0.74	0.89	3,486	9,750	6,264
South Dakota .....	7,299	5,723	4,347	0.60	0.76	1,376	2,952	1,576
Tennessee .....	48,022	46,150	39,047	0.81	0.85	7,103	8,975	1,872
Texas .....	178,599	189,697	167,162	0.94	0.88	22,535	11,437	-11,098
Utah .....	22,401	17,232	15,619	0.70	0.91	1,613	6,782	5,169
Vermont .....	6,743	3,717	1,808	0.27	0.49	1,909	4,935	3,026
Virginia .....	63,943	60,607	49,433	0.77	0.82	11,174	14,510	3,336
Washington .....	34,423	35,824	27,062	0.79	0.76	8,762	7,361	-1,401
West Virginia .....	14,311	10,513	9,357	0.65	0.89	1,156	4,954	3,798
Wisconsin .....	40,850	38,177	30,066	0.74	0.79	8,111	10,784	2,673
Wyoming .....	3,736	3,227	2,408	0.64	0.75	819	1,328	509
U.S. Service Academies.....	3,284	†	196 <sup>3</sup>	0.06	†	-196	3,088	3,284
State unknown <sup>4</sup> .....	†	8,039	†	†	†	8,039	†	-8,039
<b>Other jurisdictions ...</b>	<b>37,582</b>	<b>38,819</b>	<b>37,373</b>	<b>0.99</b>	<b>0.96</b>	<b>1,446</b>	<b>209</b>	<b>-1,237</b>
American Samoa .....	316	357	316	1.00	0.89	41	0	-41
Federated States of Micronesia .....	557	636	557	†	†	79	0	-79
Guam .....	655	798	617	0.94	0.77	181	38	-143
Marshall Islands.....	263	273	263	†	†	10	0	-10
Northern Marianas.....	250	317	250	1.00	0.79	67	0	-67
Palau .....	122	120	102	0.84	0.85	18	20	2
Puerto Rico .....	35,157	35,822	35,013	1.00	0.98	809	144	-665
U.S. Virgin Islands.....	262	496	255	0.97	0.51	241	7	-234
Foreign countries.....	†	53,677	†	†	†	53,677	†	-53,677
Residence unknown .....	†	37	†	†	†	37	†	-37

†Not applicable.

<sup>1</sup>Students residing in a particular state when admitted to an institution anywhere—either in their home state or another state.

<sup>2</sup>Includes students coming to U.S. institutions from foreign countries and other jurisdictions.

<sup>3</sup>Students whose residence is in the same state as the service academy.

<sup>4</sup>Institution unable to determine student's home state.

NOTE: Includes all first-time postsecondary students who graduated from high school in the previous 12 months and were enrolled at reporting institutions. Degree-granting institutions grant associate's or higher degrees and participate in Title IV federal financial aid programs. SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), Spring 2017, Fall Enrollment component. (This table was prepared March 2018.)

**Table 309.30. Residence and migration of all first-time degree/certificate-seeking undergraduates in 4-year degree-granting postsecondary institutions who graduated from high school in the previous 12 months, by state or jurisdiction: Fall 2016**

State or jurisdiction	Total first-time enrollment in institutions located in the state	State residents enrolled in institutions		Ratio of in-state students		Migration of students		
		In any state <sup>1</sup>	In their home state	To first-time enrollment (col. 4/col. 2)	To residents enrolled in any state (col. 4/col. 3)	Out of state (col. 3 - col. 4)	Into state <sup>2</sup> (col. 2 - col. 4)	Net (col. 8 - col. 7)
1	2	3	4	5	6	7	8	9
<b>United States</b>	<b>1,606,461</b>	<b>1,555,358</b>	<b>1,148,100</b>	<b>0.71</b>	<b>0.74</b>	<b>407,258</b>	<b>458,361</b>	<b>51,103</b>
Alabama	28,063	19,531	16,175	0.58	0.83	3,356	11,888	8,532
Alaska	2,115	3,137	1,935	0.91	0.62	1,202	180	-1,022
Arizona	27,211	19,850	15,612	0.57	0.79	4,238	11,599	7,361
Arkansas	17,491	13,714	11,846	0.68	0.86	1,868	5,645	3,777
California	152,141	166,305	129,784	0.85	0.78	36,521	22,357	-14,164
Colorado	27,047	26,864	18,659	0.69	0.69	8,205	8,388	183
Connecticut	19,303	24,418	10,269	0.53	0.42	14,149	9,034	-5,115
Delaware	7,942	6,621	4,483	0.56	0.68	2,138	3,459	1,321
District of Columbia	7,926	2,287	448	0.06	0.20	1,839	7,478	5,639
Florida	109,554	108,225	93,739	0.86	0.87	14,486	15,815	1,329
Georgia	56,697	57,542	45,912	0.81	0.80	11,630	10,785	-845
Hawaii	3,895	5,683	2,485	0.64	0.44	3,198	1,410	-1,788
Idaho	8,894	6,616	4,542	0.51	0.69	2,074	4,352	2,278
Illinois	46,601	65,772	34,193	0.73	0.52	31,579	12,408	-19,171
Indiana	46,240	36,584	31,090	0.67	0.85	5,494	15,150	9,656
Iowa	20,979	13,621	10,872	0.52	0.80	2,749	10,107	7,358
Kansas	15,275	13,352	10,100	0.66	0.76	3,252	5,175	1,923
Kentucky	23,774	20,367	17,154	0.72	0.84	3,213	6,620	3,407
Louisiana	24,935	22,842	19,905	0.80	0.87	2,937	5,030	2,093
Maine	7,659	6,491	3,864	0.50	0.60	2,627	3,795	1,168
Maryland	18,287	26,851	11,951	0.65	0.45	14,900	6,336	-8,564
Massachusetts	50,916	44,382	25,199	0.49	0.57	19,183	25,717	6,534
Michigan	52,957	51,270	43,458	0.82	0.85	7,812	9,499	1,687
Minnesota	25,326	30,839	17,837	0.70	0.58	13,002	7,489	-5,513
Mississippi	13,124	8,558	7,086	0.54	0.83	1,472	6,038	4,566
Missouri	29,328	27,138	19,734	0.67	0.73	7,404	9,594	2,190
Montana	6,204	4,438	3,483	0.56	0.78	955	2,721	1,766
Nebraska	11,896	10,450	8,246	0.69	0.79	2,204	3,650	1,446
Nevada	10,798	11,983	8,951	0.83	0.75	3,032	1,847	-1,185
New Hampshire	8,439	7,231	2,814	0.33	0.39	4,417	5,625	1,208
New Jersey	29,875	57,137	25,576	0.86	0.45	31,561	4,299	-27,262
New Mexico	7,121	7,359	5,547	0.78	0.75	1,812	1,574	-238
New York	110,379	104,807	76,143	0.69	0.73	28,664	34,236	5,572
North Carolina	48,778	43,846	35,929	0.74	0.82	7,917	12,849	4,932
North Dakota	6,404	3,905	3,064	0.48	0.78	841	3,340	2,499
Ohio	69,451	63,108	51,837	0.75	0.82	11,271	17,614	6,343
Oklahoma	19,635	15,672	13,417	0.68	0.86	2,255	6,218	3,963
Oregon	15,744	12,356	8,447	0.54	0.68	3,909	7,297	3,388
Pennsylvania	83,708	68,185	52,090	0.62	0.76	16,095	31,618	15,523
Rhode Island	11,707	5,519	2,968	0.25	0.54	2,551	8,739	6,188
South Carolina	24,791	18,898	15,609	0.63	0.83	3,289	9,182	5,893
South Dakota	6,088	4,579	3,355	0.55	0.73	1,224	2,733	1,509
Tennessee	30,353	28,635	21,828	0.72	0.76	6,807	8,525	1,718
Texas	108,133	120,192	98,678	0.91	0.82	21,514	9,455	-12,059
Utah	19,331	14,077	12,672	0.66	0.90	1,405	6,659	5,254
Vermont	6,483	3,380	1,566	0.24	0.46	1,814	4,917	3,103
Virginia	43,571	40,877	30,062	0.69	0.74	10,815	13,509	2,694
Washington	30,723	31,950	23,532	0.77	0.74	8,418	7,191	-1,227
West Virginia	12,270	8,340	7,433	0.61	0.89	907	4,837	3,930
Wisconsin	36,162	33,170	25,582	0.71	0.77	7,588	10,580	2,992
Wyoming	1,453	1,466	743	0.51	0.51	723	710	-13
U.S. Service Academies	3,284	†	196 <sup>3</sup>	0.06	†	-196	3,088	3,284
State unknown <sup>4</sup>	†	4,938	†	†	†	4,938	†	-4,938
<b>Other jurisdictions</b>	<b>29,252</b>	<b>30,330</b>	<b>29,079</b>	<b>0.99</b>	<b>0.96</b>	<b>1,251</b>	<b>173</b>	<b>-1,078</b>
American Samoa	316	352	316	1.00	0.90	36	0	-36
Federated States of Micronesia	†	39	†	†	†	39	0	-39
Guam	437	573	399	0.91	0.70	174	38	-136
Marshall Islands	†	9	†	†	†	9	0	-9
Northern Marianas	250	310	250	1.00	0.81	60	0	-60
Palau	†	10	†	†	†	10	0	-10
Puerto Rico	27,987	28,553	27,859	1.00	0.98	694	128	-566
U.S. Virgin Islands	262	484	255	0.97	0.53	229	7	-222
Foreign countries	†	49,988	†	†	†	49,988	†	-49,988
Residence unknown	†	37	†	†	†	37	†	-37

†Not applicable.

<sup>1</sup>Students residing in a particular state when admitted to an institution anywhere—either in their home state or another state.

<sup>2</sup>Includes students coming to U.S. institutions from foreign countries and other jurisdictions.

<sup>3</sup>Students whose residence is in the same state as the service academy.

<sup>4</sup>Institution unable to determine student's home state.

NOTE: Includes all first-time postsecondary students who graduated from high school in the previous 12 months and were enrolled at reporting institutions. Degree-granting institutions grant associate's or higher degrees and participate in Title IV federal financial aid programs. SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), Spring 2017, Fall Enrollment component. (This table was prepared March 2018.)

**Table 310.10. Number of U.S. students studying abroad and percentage distribution, by sex, race/ethnicity, and other selected characteristics: Selected years, 2000–01 through 2015–16**

Sex, race/ethnicity, and other selected characteristics	2000–01	2005–06	2006–07	2007–08	2008–09	2009–10	2010–11	2011–12	2012–13	2013–14	2014–15	2015–16	From 2005–06 to 2015–16
1	2	3	4	5	6	7	8	9	10	11	12	13	14
<b>Total</b> .....	<b>154,168</b>	<b>223,534</b>	<b>241,791</b>	<b>262,416</b>	<b>260,327</b>	<b>270,604</b>	<b>273,996</b>	<b>283,332</b>	<b>289,408</b>	<b>304,467</b>	<b>313,415</b>	<b>325,339</b>	<b>45.5</b>
	Number of students												Percent change in number of students
	Percentage distribution of students												Percentage-point change in distribution of students
Sex .....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	†
Male .....	35.0	34.5	34.9	34.9	35.8	36.5	35.6	35.2	34.7	34.7	33.4	33.5	-1.0
Female .....	65.0	65.5	65.1	65.1	64.2	63.5	64.4	64.8	65.3	65.3	66.6	66.5	1.0
Race/ethnicity .....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	†
White .....	84.3	83.0	81.9	81.8	80.5	78.7	77.8	76.4	76.3	74.3	72.9	71.6	-11.4
Black .....	3.5	3.5	3.8	4.0	4.2	4.7	4.8	5.3	5.3	5.6	5.6	5.9	2.4
Hispanic .....	5.4	5.4	6.0	5.9	6.0	6.4	6.9	7.6	7.6	8.3	8.8	9.7	4.3
Asian/Pacific Islander .....	5.4	6.3	6.7	6.6	7.3	7.9	7.9	7.7	7.3	7.7	8.1	8.4	2.1
American Indian/ Alaska Native .....	0.5	0.6	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	-0.1
Two or more races .....	0.9	1.2	1.2	1.2	1.6	1.9	2.1	2.5	3.0	3.6	4.1	3.9	2.7
Academic level .....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	†
Freshman .....	3.1	3.7	3.3	3.5	3.4	3.5	3.3	3.3	3.8	3.9	3.9	3.6	-0.1
Sophomore .....	14.0	12.8	12.9	13.1	13.9	13.2	12.6	13.0	13.7	13.1	13.1	12.7	-0.1
Junior .....	38.9	34.2	36.6	35.9	36.8	35.8	35.8	36.0	34.7	33.9	33.1	32.9	-1.3
Senior .....	20.0	19.8	21.3	21.3	21.6	21.8	23.4	24.4	24.7	25.3	26.4	27.7	7.9
Associate's students .....	0.9	2.7	2.7	2.2	1.1	0.1	0.2	1.1	1.1	1.7	1.8	1.7	-1.0
Bachelor's, unspecified .....	13.5	14.9	12.5	13.4	11.3	11.0	10.3	8.4	8.4	9.1	9.3	9.1	-5.8
Master's level or higher .....	8.3	10.0	10.5	10.5	11.8	14.0	13.5	13.5	13.5	12.7	12.1	12.1	2.1
Other academic level .....	1.1	1.9	#	0.1	#	1.0	0.9	0.3	0.1	0.3	0.3	0.2	-1.7
Host region .....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	†
Sub-Saharan Africa <sup>1</sup> .....	2.5	3.1	3.5	3.6	4.2	4.2	4.3	4.5	4.6	4.4	3.4	3.9	0.8
Asia <sup>2</sup> .....	6.0	9.3	10.3	11.1	11.4	12.0	11.7	12.4	12.4	11.9	11.4	11.1	1.8
Europe <sup>3</sup> .....	63.3	58.3	57.4	56.3	54.5	53.5	54.6	53.3	53.3	53.3	54.5	54.4	-3.9
Latin America <sup>4</sup> .....	14.5	15.2	15.0	15.3	15.4	15.0	14.6	15.8	15.7	16.2	16.0	16.3	1.1
Middle East and North Africa <sup>1,3</sup> .....	1.6	1.8	1.8	2.2	2.5	3.1	2.6	2.5	2.2	2.1	2.2	1.9	0.1
North America <sup>4,5</sup> .....	0.7	0.5	0.6	0.4	0.5	0.7	0.5	0.6	0.5	0.5	0.5	0.6	0.1
Oceania .....	6.0	6.3	5.7	5.3	5.5	5.0	4.8	4.5	4.0	3.9	4.0	4.2	-2.1
Multiple destinations .....	5.6	5.5	5.6	5.7	6.0	6.5	6.8	6.4	7.3	7.7	7.9	7.6	2.1
Duration of stay .....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	†
Summer term .....	33.7	37.2	38.7	38.1	35.8	37.8	37.7	37.1	37.8	38.1	39.0	38.0	0.8
One semester .....	38.5	36.9	36.3	35.5	37.3	35.8	34.5	35.0	33.6	31.9	31.8	31.9	-5.0
8 weeks or less during academic year .....	7.4	9.5	9.8	11.0	11.7	11.9	13.3	14.4	15.3	16.5	16.7	17.4	7.9
January term .....	7.0	5.4	6.8	7.2	7.0	6.9	7.1	7.0	7.1	7.5	7.4	7.4	2.0
Academic year .....	7.3	5.3	4.3	4.1	4.1	3.8	3.7	3.2	3.1	2.9	2.5	2.3	-3.0
One quarter .....	4.1	3.3	3.4	3.4	3.3	3.1	3.0	2.5	2.4	2.4	2.2	2.3	-1.0
Two quarters .....	0.6	0.9	0.5	0.6	0.5	0.4	0.5	0.4	0.3	0.6	0.3	0.3	-0.6
Calendar year .....	0.6	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	-0.1
Other .....	0.8	1.3	0.1	#	0.2	0.1	0.1	0.3	0.3	#	0.1	0.4	-0.9

†Not applicable.

#Rounds to zero.

<sup>1</sup>North Africa was combined with the Middle East to create the "Middle East and North Africa" category as of 2011–12, and the former "Africa" category was replaced by "Sub-Saharan Africa" (which excludes North Africa). Data for years prior to 2011–12 have been revised for comparability.

<sup>2</sup>Asia excludes the Middle Eastern countries (Bahrain, Iran, Iraq, Israel, Jordan, Kuwait, Lebanon, Oman, the Palestinian Territories, Qatar, Saudi Arabia, Syria, the United Arab Emirates, and Yemen).

<sup>3</sup>Cyprus and Turkey were classified as being in the Middle East prior to 2004–05, but in Europe for 2004–05 and later years. Data for 2000–01 have been revised for comparability.

<sup>4</sup>Mexico and Central America are included in Latin America, not in North America.

<sup>5</sup>Includes Antarctica from 2002–03 onward.

NOTE: Detail may not sum to totals because of rounding. Race categories exclude persons of Hispanic ethnicity.

SOURCE: Institute of International Education, *Open Doors: Report on International Educational Exchange*, 2017. (This table was prepared November 2017.)

**Table 310.20. Foreign students enrolled in institutions of higher education in the United States, by continent, region, and selected countries of origin: Selected years, 1980–81 through 2016–17**

Continent, region, and selected countries of origin	1980–81		1985–86		1990–91		1995–96		2000–01		2005–06		2010–11		2015–16		2016–17	
	Number	Percent	Number	Percent	Number	Percent												
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
<b>Total</b>	<b>311,880</b>	<b>100.0</b>	<b>343,780</b>	<b>100.0</b>	<b>407,272</b>	<b>100.0</b>	<b>453,787</b>	<b>100.0</b>	<b>547,873</b>	<b>100.0</b>	<b>564,766</b>	<b>100.0</b>	<b>723,277</b>	<b>100.0</b>	<b>1,043,839</b>	<b>100.0</b>	<b>1,078,822</b>	<b>100.0</b>
Sub-Saharan Africa <sup>1</sup>	30,870	9.9	28,210	8.2	19,262	4.7	17,422	3.8	29,033	5.3	32,538	5.8	31,470	4.4	35,364	3.4	37,735	3.5
East Africa	6,260	2.0	6,730	2.0	7,592	1.9	7,596	1.7	13,516	2.5	13,635	2.4	8,863	1.2	7,690	0.7	8,480	0.8
Central Africa	1,130	0.4	1,540	0.4	1,647	0.4	1,346	0.3	1,859	0.3	2,825	0.5	2,831	0.4	3,311	0.3	3,545	0.3
Southern Africa	1,480	0.5	2,360	0.7	2,835	0.7	2,657	0.6	3,304	0.6	2,232	0.4	5,330	0.7	6,263	0.6	6,473	0.6
West Africa	22,000	7.1	17,580	5.1	7,178	1.8	5,818	1.3	10,346	1.9	13,846	2.5	14,446	2.0	18,100	1.7	19,237	1.8
Nigeria	17,350	5.6	13,710	4.0	3,714	0.9	2,093	0.5	3,820	0.7	6,192	1.1	7,148	1.0	10,674	1.0	11,710	1.1
Asia	94,640	30.3	156,830	45.6	229,825	56.4	259,893	57.3	302,058	55.1	327,785	58.0	461,903	63.9	689,525	66.1	734,309	68.1
East Asia	51,650	16.6	80,720	23.5	146,017	35.9	166,717	36.7	189,371	34.6	197,576	35.0	286,925	39.7	439,702	42.1	459,284	42.6
China	2,770	0.9	13,980	4.1	39,597	9.7	39,613	8.7	59,939	10.9	62,582	11.1	157,558	21.8	328,547	31.5	350,755	32.5
Hong Kong	9,660	3.1	10,710	3.1	12,625	3.1	12,018	2.6	7,627	1.4	7,849	1.4	8,136	1.1	7,923	0.8	7,547	0.7
Japan	13,500	4.3	13,360	3.9	36,611	9.0	45,531	10.0	46,497	8.5	38,712	6.9	21,290	2.9	19,060	1.8	18,780	1.7
South Korea	6,150	2.0	18,660	5.4	23,362	5.7	36,231	8.0	45,685	8.3	59,022	10.5	73,351	10.1	61,007	5.8	58,663	5.4
Taiwan	19,460	6.2	23,770	6.9	33,531	8.2	32,702	7.2	28,566	5.2	27,876	4.9	24,818	3.4	21,127	2.0	21,516	2.0
South and Central Asia	14,540	4.7	25,800	7.5	42,366	10.4	45,401	10.0	71,765	13.1	94,965	16.8	128,958	17.8	195,135	18.7	218,937	20.3
Bangladesh	1,180	0.4	1,930	0.6	2,533	0.6	3,360	0.7	4,114	0.8	2,581	0.5	2,873	0.4	6,513	0.6	7,143	0.7
India	9,250	3.0	16,070	4.7	28,857	7.1	31,743	7.0	54,664	10.0	76,503	13.5	103,895	14.4	165,918	15.9	186,267	17.3
Nepal	250	0.1	390	0.1	670	0.2	1,219	0.3	2,618	0.5	6,061	1.1	10,301	1.4	9,662	0.9	11,607	1.1
Pakistan	2,990	1.0	5,440	1.6	7,725	1.9	6,427	1.4	6,948	1.3	5,759	1.0	5,045	0.7	6,141	0.6	7,015	0.7
Southeast Asia	28,450	9.1	50,310	14.6	41,441	10.2	47,774	10.5	40,916	7.5	35,244	6.2	46,020	6.4	54,688	5.2	56,088	5.2
Indonesia	3,250	1.0	8,210	2.4	9,524	2.3	12,820	2.8	11,625	2.1	7,575	1.3	6,942	1.0	8,727	0.8	8,776	0.8
Malaysia	6,010	1.9	23,020	6.7	13,606	3.3	14,015	3.1	7,795	1.4	5,515	1.0	6,735	0.9	7,834	0.8	8,247	0.8
Singapore	1,320	0.4	3,930	1.1	4,495	1.1	4,098	0.9	4,166	0.8	3,909	0.7	4,316	0.6	4,865	0.5	4,677	0.4
Thailand	6,550	2.1	6,940	2.0	7,092	1.7	12,165	2.7	11,187	2.0	8,765	1.6	8,236	1.1	7,113	0.7	6,893	0.6
Vietnam	6,490	2.1	3,270	1.0	1,396	0.3	922	0.2	2,022	0.4	4,597	0.8	14,888	2.1	21,403	2.1	22,438	2.1
Europe <sup>2</sup>	28,650	9.2	38,910	11.3	55,422	13.6	76,855	16.9	93,784	17.1	84,697	15.0	84,296	11.7	91,915	8.8	92,820	8.6
France	2,570	0.8	3,680	1.1	5,633	1.4	5,710	1.3	7,273	1.3	6,640	1.2	8,098	1.1	8,764	0.8	8,814	0.8
Germany <sup>3</sup>	3,310	1.1	4,730	1.4	7,003	1.7	9,017	2.0	10,128	1.8	8,829	1.6	9,458	1.3	10,145	1.0	10,169	0.9
Italy	1,250	0.4	1,890	0.5	2,393	0.6	2,780	0.6	3,490	0.6	3,224	0.6	4,308	0.6	5,155	0.5	5,593	0.5
Russia <sup>4</sup>	630	0.2	83	#	1,206	0.3	5,589	1.2	6,858	1.3	4,801	0.9	4,692	0.6	5,444	0.5	5,412	0.5
Spain	950	0.3	1,740	0.5	4,304	1.1	4,809	1.1	4,156	0.8	3,455	0.6	4,330	0.6	6,640	0.6	7,164	0.7
Sweden	1,020	0.3	1,400	0.4	2,029	0.5	3,889	0.9	4,598	0.8	3,212	0.6	4,297	0.4	4,053	0.4	4,053	0.4
Turkey <sup>2</sup>	2,600	0.8	2,460	0.7	4,078	1.0	7,678	1.7	10,983	2.0	11,622	2.1	12,184	1.7	10,691	1.0	10,586	1.0
United Kingdom	4,440	1.4	5,940	1.7	7,298	1.8	7,799	1.7	8,139	1.5	8,274	1.5	8,947	1.2	11,599	1.1	11,489	1.1
Latin America	49,810	16.0	45,480	13.2	47,318	11.6	47,253	10.4	63,634	11.6	64,769	11.5	64,169	8.9	84,908	8.1	79,655	7.4
Caribbean	10,650	3.4	11,100	3.2	12,349	3.0	10,737	2.4	14,423	2.6	13,855	2.5	11,644	1.6	11,042	1.1	11,351	1.1
Central America	12,970	4.2	12,740	3.7	15,949	3.9	14,220	3.1	16,764	3.1	19,709	3.5	20,220	2.8	24,983	2.4	25,158	2.3
Mexico	6,730	2.2	5,460	1.6	6,739	1.7	8,687	1.9	10,670	1.9	13,931	2.5	13,713	1.9	16,733	1.6	16,835	1.6
South America	26,190	8.4	21,640	6.3	19,019	4.7	22,296	4.9	32,447	5.9	31,205	5.5	32,164	4.4	48,883	4.7	43,146	4.0
Brazil	2,870	0.9	2,840	0.8	3,898	1.0	5,497	1.2	8,846	1.6	7,009	1.2	8,777	1.2	19,370	1.9	13,089	1.2
Colombia	3,930	1.3	4,010	1.2	3,183	0.8	3,462	0.8	6,765	1.2	6,835	1.2	6,456	0.9	7,815	0.7	7,982	0.7
Venezuela	11,750	3.8	7,040	2.0	2,894	0.7	4,456	1.0	5,217	1.0	4,792	0.8	5,491	0.8	8,267	0.8	8,540	0.8
Middle East and North Africa <sup>1</sup>	88,700	28.4	54,100	15.7	32,177	7.9	24,488	5.4	28,842	5.3	21,576	3.8	47,963	6.6	108,227	10.4	100,014	9.3
Middle East <sup>2</sup>	81,390	26.1	48,120	14.0	27,636	6.8	21,066	4.6	23,658	4.3	17,806	3.2	42,543	5.9	100,926	9.7	92,470	8.6
Iran	47,550	15.2	14,210	4.1	6,262	1.5	2,628	0.6	1,844	0.3	2,420	0.4	5,626	0.8	12,269	1.2	12,643	1.2
Kuwait	2,990	1.0	3,810	1.1	1,624	0.4	3,035	0.7	3,045	0.6	1,703	0.3	2,998	0.4	9,772	0.9	9,825	0.9
Saudi Arabia	10,440	3.3	6,900	2.0	3,584	0.9	4,191	0.9	5,273	1.0	3,448	0.6	22,704	3.1	61,287	5.9	52,611	4.9
North Africa <sup>1</sup>	7,310	2.3	5,980	1.7	4,541	1.1	3,422	0.8	5,184	0.9	3,770	0.7	5,420	0.7	7,301	0.7	7,544	0.7
Egypt	1,860	0.6	2,270	0.7	1,777	0.4	1,490	0.3	2,255	0.4	1,509	0.3	2,181	0.3	3,442	0.3	3,715	0.3
North America <sup>5</sup>	14,790	4.7	16,030	4.7	18,949	4.7	23,644	5.2	25,888	4.7	28,699	5.1	27,941	3.9	26,973	2.6	27,065	2.5
Canada	14,320	4.6	15,410	4.5	18,350	4.5	23,005	5.1	25,279	4.6	28,202	5.0	27,546	3.8	26,973	2.6	27,065	2.5
Oceania	4,180	1.3	4,030	1.2	4,230	1.0	4,202	0.9	4,624	0.8	4,702	0.8	6,910	0.8	7,222	0.7	7,222	0.7
Australia	1,530	0.5	1,530	0.4	1,906	0.5	2,244	0.5	2,645	0.5	2,806	0.5	3,777	0.5	4,752	0.5	4,933	0.5
Unidentified <sup>6</sup>	240	0.1	190	0.1	89	#	30	#	10	#	#	#	10	#	10	#	2	#

#Rounds to zero.

<sup>1</sup>North Africa was combined with the Middle East to create the "Middle East and North Africa" category as of 2012–13, and the former "Africa" category was replaced by "Sub-Saharan Africa" (which excludes North Africa). Data for years prior to 2012–13 have been revised for comparability.

<sup>2</sup>Cyprus and Turkey were classified as being in the Middle East prior to 2004–05, but in Europe for 2004–05 and later years. Data for years prior to 2004–05 have been revised for comparability.

<sup>3</sup>Data for 1980–81 and 1985–86 are for West Germany (Federal Republic of Germany before unification).

<sup>4</sup>Data for 1980–81, 1985–86, and 1990–91 are the former U.S.S.R.

<sup>5</sup>Excludes Mexico and Central America, which are included in Latin America.

<sup>6</sup>Place of origin unknown or undeclared.

NOTE: Includes foreign students enrolled in American Samoa, Guam, Puerto Rico, and the U.S. Virgin Islands. Totals and sub-totals include other countries not shown separately. Region totals may not sum to continent totals, because some continent totals include students who are not classified by country or region. Data are for "nonimmigrants" (i.e., students who have not migrated to the United States). Detail may not sum to totals because of rounding.

SOURCE: Institute of International Education, *Open Doors: Report on International Educational Exchange*, selected years, 1981 through 2017. (This table was prepared January 2018.)

**Table 311.10. Number and percentage distribution of students enrolled in postsecondary institutions, by level, disability status, and selected student characteristics: 2015–16**

[Standard errors appear in parentheses]

Selected student characteristic	Undergraduate			Postbaccalaureate		
	All students	Students with disabilities <sup>1</sup>	Students without disabilities	All students	Students with disabilities <sup>1</sup>	Students without disabilities
1	2	3	4	5	6	7
Number of students (in thousands) .....	19,308 (—)	3,755 (—)	15,554 (—)	3,547 (—)	423 (—)	3,124 (—)
Percentage distribution of students						
<b>Total</b> .....	<b>100.0 (†)</b>	<b>19.4 (0.21)</b>	<b>80.6 (0.21)</b>	<b>100.0 (†)</b>	<b>11.9 (0.45)</b>	<b>88.1 (0.45)</b>
<b>Sex</b>						
Male.....	100.0 (†)	19.2 (0.33)	80.8 (0.33)	100.0 (†)	9.9 (0.57)	90.1 (0.57)
Female.....	100.0 (†)	19.6 (0.26)	80.4 (0.26)	100.0 (†)	13.3 (0.57)	86.7 (0.57)
<b>Race/ethnicity of student</b>						
White.....	100.0 (†)	20.8 (0.31)	79.2 (0.31)	100.0 (†)	13.0 (0.59)	87.0 (0.59)
Black.....	100.0 (†)	17.2 (0.50)	82.8 (0.50)	100.0 (†)	10.3 (0.94)	89.7 (0.94)
Hispanic.....	100.0 (†)	18.3 (0.47)	81.7 (0.47)	100.0 (†)	14.3 (1.53)	85.7 (1.53)
Asian.....	100.0 (†)	15.2 (0.69)	84.8 (0.69)	100.0 (†)	6.2 (0.88)	93.8 (0.88)
Pacific Islander.....	100.0 (†)	23.6 (4.44)	76.4 (4.44)	100.0 (†)	14.9 ! (6.07)	85.1 (6.07)
American Indian/Alaska Native.....	100.0 (†)	27.8 (2.71)	72.2 (2.71)	100.0 (†)	11.8 ! (4.60)	88.2 (4.60)
Two or more races.....	100.0 (†)	22.1 (1.25)	77.9 (1.25)	100.0 (†)	19.7 (3.61)	80.3 (3.61)
<b>Age</b>						
15 to 23.....	100.0 (†)	17.6 (0.27)	82.4 (0.27)	100.0 (†)	8.1 (1.13)	91.9 (1.13)
24 to 29.....	100.0 (†)	21.6 (0.55)	78.4 (0.55)	100.0 (†)	11.3 (0.67)	88.7 (0.67)
30 or older.....	100.0 (†)	22.6 (0.48)	77.4 (0.48)	100.0 (†)	13.5 (0.66)	86.5 (0.66)
<b>Attendance status<sup>2</sup></b>						
Full-time, full-year.....	100.0 (†)	17.3 (0.28)	82.7 (0.28)	100.0 (†)	12.0 (0.67)	88.0 (0.67)
Part-time or part-year.....	100.0 (†)	20.8 (0.28)	79.2 (0.28)	100.0 (†)	11.9 (0.57)	88.1 (0.57)
<b>Student housing status</b>						
On-campus.....	100.0 (†)	15.8 (0.49)	84.2 (0.49)	— (†)	— (†)	— (†)
Off-campus.....	100.0 (†)	20.6 (0.31)	79.4 (0.31)	— (†)	— (†)	— (†)
With parents or relatives.....	100.0 (†)	19.5 (0.45)	80.5 (0.45)	— (†)	— (†)	— (†)
Attended more than one institution.....	100.0 (†)	18.7 (0.55)	81.3 (0.55)	— (†)	— (†)	— (†)
<b>Dependency status</b>						
Dependent.....	100.0 (†)	17.2 (0.28)	82.8 (0.28)	— (†)	— (†)	— (†)
Independent, unmarried.....	100.0 (†)	23.9 (0.55)	76.1 (0.55)	100.0 (†)	11.5 (0.61)	88.5 (0.61)
Independent, married.....	100.0 (†)	20.5 (1.07)	79.5 (1.07)	100.0 (†)	10.3 (1.12)	89.7 (1.12)
Independent with dependents.....	100.0 (†)	20.3 (0.41)	79.7 (0.41)	100.0 (†)	13.4 (0.74)	86.6 (0.74)
<b>Veteran status</b>						
Veteran.....	100.0 (†)	25.8 (0.98)	74.2 (0.98)	100.0 (†)	17.1 (1.09)	82.9 (1.09)
Not veteran.....	100.0 (†)	19.1 (0.22)	80.9 (0.22)	100.0 (†)	11.6 (0.47)	88.4 (0.47)
<b>Field of study</b>						
Business/management.....	100.0 (†)	17.7 (0.46)	82.3 (0.46)	100.0 (†)	9.9 (0.97)	90.1 (0.97)
Education.....	100.0 (†)	17.9 (0.92)	82.1 (0.92)	100.0 (†)	12.5 (1.25)	87.5 (1.25)
Engineering/computer science/mathematics.....	100.0 (†)	19.6 (0.75)	80.4 (0.75)	100.0 (†)	6.8 (0.90)	93.2 (0.90)
Health.....	100.0 (†)	18.3 (0.40)	81.7 (0.40)	100.0 (†)	12.2 (0.90)	87.8 (0.90)
Humanities.....	100.0 (†)	21.5 (0.60)	78.5 (0.60)	100.0 (†)	14.1 (1.72)	85.9 (1.72)
Law.....	— (†)	— (†)	— (†)	100.0 (†)	15.0 (2.33)	85.0 (2.33)
Life/physical sciences.....	100.0 (†)	17.9 (0.74)	82.1 (0.74)	100.0 (†)	11.6 (1.81)	88.4 (1.81)
Social/behavioral sciences.....	100.0 (†)	21.8 (0.82)	78.2 (0.82)	100.0 (†)	17.5 (1.90)	82.5 (1.90)
Vocational/technical.....	100.0 (†)	21.6 (1.36)	78.4 (1.36)	— (†)	— (†)	— (†)
Undeclared.....	100.0 (†)	21.7 (1.55)	78.3 (1.55)	— (†)	— (†)	— (†)
Other.....	100.0 (†)	20.2 (0.64)	79.8 (0.64)	100.0 (†)	12.5 (1.29)	87.5 (1.29)

—Not available.

†Not applicable.

Interpret data with caution. The coefficient of variation (CV) for this estimate is between 30 and 50 percent.

<sup>1</sup>Students with disabilities are those who reported having deafness or serious difficulty hearing; blindness or serious difficulty seeing; serious difficulty concentrating, remembering, or making decisions because of a physical, mental, or emotional condition; or serious difficulty walking or climbing stairs. For 2015–16, the question about difficulty concentrating, remembering, or making decisions was expanded to include examples of relevant conditions. Specifically, students were instructed to “consider conditions including, but not limited to, a serious learning disability, depression, ADD, or ADHD.” The percentage of students reporting difficulty concentrating, remembering, or making decisions was 17 percent in 2015–16 (after the examples were added) and 8 percent in 2011–12 (before the examples were added). Due

to addition of the examples, estimates of the percentage of students with this type of disability in 2015–16 and of the overall percentage of students with disabilities in 2015–16 cannot be compared to estimates of the percentages in earlier years.

<sup>2</sup>Full-time, full-year includes students enrolled full time for 9 or more months. Part-time or part-year includes students enrolled part time for 9 or more months and students enrolled less than 9 months either part time or full time.

NOTE: Data are based on a sample survey of students who enrolled at any time during the school year. Data exclude students attending institutions in Puerto Rico. Detail may not sum to totals because of rounding. Race categories exclude persons of Hispanic ethnicity.

SOURCE: U.S. Department of Education, National Center for Education Statistics, 2015–16 National Postsecondary Student Aid Study (NPSAS:16). (This table was prepared May 2018.)

**Table 311.15. Number and percentage of students enrolled in degree-granting postsecondary institutions, by distance education participation, location of student, level of enrollment, and control and level of institution: Fall 2015 and fall 2016**

Year, level of enrollment, and control and level of institution	Number of students										Percent of students									
	Taking any distance education course(s)										Taking any distance education course(s)									
	Total	No distance education courses	Total, any distance education course(s)	At least one, but not all, of student's courses	Exclusively distance education courses by location of student						Total	No distance education courses	Total, any distance education course(s)	At least one, but not all, of student's courses	Exclusively distance education courses by location of student					
					Total	Same state	Different state	State not known	Outside of the United States	Location unknown					Total	Same state	Different state	State not known	Outside of the United States	Location unknown
2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	
<b>Fall 2015</b>																				
<b>All students, total</b> .....	<b>19,988,204</b>	<b>14,022,391</b>	<b>5,965,813</b>	<b>3,090,943</b>	<b>2,874,870</b>	<b>1,593,566</b>	<b>1,182,332</b>	<b>31,974</b>	<b>36,443</b>	<b>30,555</b>	<b>100.0</b>	<b>70.2</b>	<b>29.8</b>	<b>15.5</b>	<b>14.4</b>	<b>8.0</b>	<b>5.9</b>	<b>0.2</b>	<b>0.2</b>	<b>0.2</b>
Public .....	14,572,843	10,485,829	4,087,014	2,631,481	1,455,533	1,232,478	185,270	9,601	14,090	14,094	100.0	72.0	28.0	18.1	10.0	8.5	1.3	0.1	0.1	0.1
Private .....	5,415,361	3,536,562	1,878,799	459,462	1,419,337	361,088	997,062	22,373	22,353	16,461	100.0	65.3	34.7	8.5	26.2	6.7	18.4	0.4	0.4	0.3
Nonprofit .....	4,065,891	3,053,822	1,012,069	343,348	668,721	244,853	380,387	20,696	8,829	13,956	100.0	75.1	24.9	8.4	16.4	6.0	9.4	0.5	0.2	0.3
For-profit .....	1,349,470	482,740	866,730	116,114	750,616	116,235	616,675	1,677	13,524	2,505	100.0	35.8	64.2	8.6	55.6	8.6	45.7	0.1	1.0	0.2
<b>Fall 2016</b>																				
<b>All students, total</b> .....	<b>19,841,014</b>	<b>13,546,213</b>	<b>6,294,801</b>	<b>3,322,186</b>	<b>2,972,615</b>	<b>1,677,966</b>	<b>1,213,643</b>	<b>15,768</b>	<b>42,690</b>	<b>22,548</b>	<b>100.0</b>	<b>68.3</b>	<b>31.7</b>	<b>16.7</b>	<b>15.0</b>	<b>8.5</b>	<b>6.1</b>	<b>0.1</b>	<b>0.2</b>	<b>0.1</b>
4-year .....	13,750,769	9,323,954	4,426,815	2,189,598	2,237,217	1,006,552	1,163,115	12,113	38,814	16,623	100.0	67.8	32.2	15.9	16.3	7.3	8.5	0.1	0.3	0.1
2-year .....	6,090,245	4,222,259	1,867,986	1,132,588	735,398	671,414	50,528	3,655	3,876	5,925	100.0	69.3	30.7	18.6	12.1	11.0	0.8	0.1	0.1	0.1
Public .....	14,582,972	10,206,830	4,376,142	2,830,635	1,545,507	1,301,884	202,584	9,956	16,265	14,818	100.0	70.0	30.0	19.4	10.6	8.9	1.4	0.1	0.1	0.1
4-year .....	8,741,896	6,185,827	2,556,069	1,718,845	837,224	637,366	172,124	6,316	12,427	8,991	100.0	70.8	29.2	19.7	9.6	7.3	2.0	0.1	0.1	0.1
2-year .....	5,841,076	4,021,003	1,820,073	1,111,790	708,283	664,518	30,460	3,640	3,838	5,827	100.0	68.8	31.2	19.0	12.1	11.4	0.5	0.1	0.1	0.1
Private .....	5,258,042	3,339,383	1,918,659	491,551	1,427,108	376,082	1,011,059	5,812	26,425	7,730	100.0	63.5	36.5	9.3	27.1	7.2	19.2	0.1	0.5	0.1
Nonprofit .....	4,077,797	2,980,748	1,097,049	368,431	728,618	262,480	442,206	3,453	14,353	6,126	100.0	73.1	26.9	9.0	17.9	6.4	10.8	0.1	0.4	0.2
4-year .....	4,027,240	2,950,660	1,076,580	365,507	711,073	259,780	427,363	3,453	14,352	6,125	100.0	73.3	26.7	9.1	17.7	6.5	10.6	0.1	0.4	0.2
2-year .....	50,557	30,088	20,469	2,924	17,545	2,700	14,843	0	1	1	100.0	59.5	40.5	5.8	34.7	5.3	29.4	#	#	#
For-profit .....	1,180,245	358,635	821,610	123,120	698,490	113,602	568,853	2,359	12,072	1,604	100.0	30.4	69.6	10.4	59.2	9.6	48.2	0.2	1.0	0.1
4-year .....	981,633	187,467	794,166	105,246	688,920	109,406	563,628	2,344	12,035	1,507	100.0	19.1	80.9	10.7	70.2	11.1	57.4	0.2	1.2	0.2
2-year .....	198,612	171,168	27,444	17,874	9,570	4,196	5,225	15	37	97	100.0	86.2	13.8	9.0	4.8	2.1	2.6	#	#	#
<b>Undergraduate</b> .....	<b>16,869,212</b>	<b>11,668,938</b>	<b>5,200,274</b>	<b>3,046,234</b>	<b>2,154,040</b>	<b>1,327,524</b>	<b>773,561</b>	<b>10,303</b>	<b>24,356</b>	<b>18,296</b>	<b>100.0</b>	<b>69.2</b>	<b>30.8</b>	<b>18.1</b>	<b>12.8</b>	<b>7.9</b>	<b>4.6</b>	<b>0.1</b>	<b>0.1</b>	<b>0.1</b>
4-year .....	10,778,967	7,446,679	3,332,288	1,913,646	1,418,642	656,110	723,033	6,648	20,480	12,371	100.0	69.1	30.9	17.8	13.2	6.1	6.7	0.1	0.2	0.1
2-year .....	6,090,245	4,222,259	1,867,986	1,132,588	735,398	671,414	50,528	3,655	3,876	5,925	100.0	69.3	30.7	18.6	12.1	11.0	0.8	0.1	0.1	0.1
Public .....	13,141,086	9,205,522	3,935,564	2,681,635	1,253,929	1,107,088	116,835	6,382	10,184	13,440	100.0	70.1	29.9	20.4	9.5	8.4	0.9	#	0.1	0.1
4-year .....	7,300,010	5,184,519	2,115,491	1,569,845	545,646	442,570	86,375	2,742	6,346	7,613	100.0	71.0	29.0	21.5	7.5	6.1	1.2	#	0.1	0.1
2-year .....	5,841,076	4,021,003	1,820,073	1,111,790	708,283	664,518	30,460	3,640	3,838	5,827	100.0	68.8	31.2	19.0	12.1	11.4	0.5	0.1	0.1	0.1
Private .....	3,728,126	2,463,416	1,264,710	364,599	900,111	220,436	656,726	3,921	14,172	4,856	100.0	66.1	33.9	9.8	24.1	5.9	17.6	0.1	0.4	0.1
Nonprofit .....	2,812,769	2,136,962	675,807	252,842	422,965	134,325	275,012	1,785	8,289	3,554	100.0	76.0	24.0	9.0	15.0	4.8	9.8	0.1	0.3	0.1
4-year .....	2,762,212	2,106,874	655,338	249,918	405,420	131,625	260,169	1,785	8,288	3,553	100.0	76.3	23.7	9.0	14.7	4.8	9.4	0.1	0.3	0.1
2-year .....	50,557	30,088	20,469	2,924	17,545	2,700	14,843	0	1	1	100.0	59.5	40.5	5.8	34.7	5.3	29.4	#	#	#
For-profit .....	915,357	326,454	588,903	111,757	477,146	86,111	381,714	2,136	5,883	1,302	100.0	35.7	64.3	12.2	52.1	9.4	41.7	0.2	0.6	0.1
4-year .....	716,745	155,286	561,459	93,883	467,576	81,915	376,489	2,121	5,846	1,205	100.0	21.7	78.3	13.1	65.2	11.4	52.5	0.3	0.8	0.2
2-year .....	198,612	171,168	27,444	17,874	9,570	4,196	5,225	15	37	97	100.0	86.2	13.8	9.0	4.8	2.1	2.6	#	#	#
<b>Postbaccalaureate</b> .....	<b>2,971,802</b>	<b>1,877,275</b>	<b>1,094,527</b>	<b>275,952</b>	<b>818,575</b>	<b>350,442</b>	<b>440,082</b>	<b>5,465</b>	<b>18,334</b>	<b>4,252</b>	<b>100.0</b>	<b>63.2</b>	<b>36.8</b>	<b>9.3</b>	<b>27.5</b>	<b>11.8</b>	<b>14.8</b>	<b>0.2</b>	<b>0.6</b>	<b>0.1</b>
Public .....	1,441,886	1,001,308	440,578	149,000	291,578	194,796	85,749	3,574	6,081	1,378	100.0	69.4	30.6	10.3	20.2	13.5	5.9	0.2	0.4	0.1
Private .....	1,529,916	875,967	653,949	126,952	526,997	155,646	354,333	1,891	12,253	2,874	100.0	57.3	42.7	8.3	34.4	10.2	23.2	0.1	0.8	0.2
Nonprofit .....	1,265,028	843,786	421,242	115,589	305,653	128,155	167,194	1,668	6,064	2,572	100.0	66.7	33.3	9.1	24.2	10.1	13.2	0.1	0.5	0.2
For-profit .....	264,888	32,181	232,707	11,363	221,344	27,491	187,139	223	6,189	302	100.0	12.1	87.9	4.3	83.6	10.4	70.6	0.1	2.3	0.1

#Rounds to zero.

NOTE: Degree-granting institutions grant associate's or higher degrees and participate in Title IV federal financial aid programs. Some data have been revised from previously published figures.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), Spring 2016 and Spring 2017, Fall Enrollment component. (This table was prepared January 2018.)

**Table 311.22. Number and percentage of undergraduate students enrolled in distance education or online classes and degree programs, by selected characteristics: Selected years, 2003–04 through 2015–16**  
(Standard errors appear in parentheses)

Selected characteristic	Percent of undergraduate students taking distance education or online classes						2015–16			
	2003–04		2007–08		2011–12		Number of undergraduate students (in thousands)		Percent of undergraduate students taking online classes	
	Total, any distance education classes	Entire degree program through distance education <sup>1</sup>	Total, any distance education classes	Entire degree program through distance education <sup>1</sup>	Total, any online classes	Entire degree program is online <sup>1</sup>	Total, all students	Number taking any online classes	Total, any online classes	Entire degree program is online <sup>1</sup>
1	2	3	4	5	6	7	8	9	10	11
<b>Total</b> .....	<b>15.6 (0.29)</b>	<b>4.9 (0.17)</b>	<b>20.6 (0.23)</b>	<b>3.8 (0.16)</b>	<b>32.0 (0.33)</b>	<b>6.5 (0.18)</b>	<b>19,308</b>	<b>8,319</b>	<b>43.1 (0.31)</b>	<b>10.8 (0.21)</b>
<b>Sex</b>										
Male .....	13.6 (0.31)	4.3 (0.19)	18.8 (0.31)	3.4 (0.16)	28.5 (0.45)	4.9 (0.24)	8,406	3,340	39.7 (0.42)	9.2 (0.27)
Female .....	17.0 (0.40)	5.4 (0.23)	21.9 (0.28)	4.2 (0.22)	34.5 (0.39)	7.7 (0.21)	10,903	4,979	45.7 (0.42)	12.1 (0.28)
<b>Race/ethnicity</b>										
White .....	16.2 (0.33)	5.0 (0.19)	21.9 (0.29)	3.9 (0.19)	33.5 (0.41)	6.8 (0.21)	10,276	4,671	45.5 (0.39)	11.1 (0.27)
Black .....	14.9 (0.59)	4.9 (0.37)	19.9 (0.66)	5.1 (0.48)	32.7 (0.70)	9.1 (0.56)	3,006	1,278	42.5 (0.72)	14.9 (0.47)
Hispanic .....	13.4 (0.54)	4.1 (0.27)	16.5 (0.53)	2.7 (0.23)	27.9 (0.57)	4.3 (0.24)	3,723	1,431	38.4 (0.68)	7.7 (0.32)
Asian .....	14.0 (0.92)	5.2 (0.58)	18.1 (0.86)	2.9 (0.40)	26.0 (1.06)	2.9 (0.35)	1,399	544	38.9 (1.10)	7.8 (0.63)
Pacific Islander .....	19.1 (2.37)	6.9 (1.69)	17.0 (1.89)	1.2 (0.53)	29.9 (3.18)	3.1 (1.29)	83	35	42.2 (4.02)	12.0 (2.44)
American Indian/Alaska Native .....	15.5 (1.85)	6.2 (1.41)	21.9 (2.41)	1.8 (0.55)	32.6 (2.56)	7.0 (1.43)	160	76	47.5 (3.08)	12.2 (1.71)
Two or more races .....	16.5 (1.33)	5.1 (1.16)	20.4 (1.08)	3.6 (0.86)	30.6 (1.48)	5.5 (0.69)	661	283	42.8 (1.39)	10.4 (0.89)
<b>Age</b>										
15 to 23 .....	11.7 (0.26)	3.1 (0.13)	15.2 (0.22)	1.4 (0.09)	26.5 (0.36)	3.2 (0.13)	11,368	4,157	36.6 (0.38)	3.5 (0.13)
24 to 29 .....	18.4 (0.46)	6.7 (0.41)	25.7 (0.56)	5.6 (0.45)	36.5 (0.67)	8.0 (0.41)	3,536	1,793	50.7 (0.69)	17.5 (0.52)
30 or older .....	22.4 (0.65)	8.3 (0.42)	30.0 (0.55)	9.0 (0.40)	40.9 (0.64)	13.0 (0.50)	4,404	2,369	53.8 (0.58)	24.9 (0.58)
<b>Attendance status</b>										
Full-time, full-year <sup>2</sup> .....	12.7 (0.32)	3.8 (0.20)	16.7 (0.33)	3.2 (0.29)	28.8 (0.41)	6.5 (0.20)	7,239	2,789	38.5 (0.44)	6.0 (0.28)
Part-time only, for only part of year .....	18.7 (0.46)	6.9 (0.32)	24.8 (0.39)	5.2 (0.22)	35.3 (0.62)	7.4 (0.38)	5,059	2,398	47.4 (0.62)	14.7 (0.44)
Mixed attendance status <sup>3</sup> .....	17.4 (0.53)	4.7 (0.23)	22.5 (0.42)	2.9 (0.20)	35.0 (0.62)	5.0 (0.28)	7,010	3,131	44.7 (0.47)	13.2 (0.38)
<b>Undergraduate field of study</b>										
Business/management .....	18.7 (0.58)	7.0 (0.43)	24.2 (0.55)	6.4 (0.45)	39.3 (0.75)	11.4 (0.45)	2,973	1,525	51.3 (0.72)	17.0 (0.67)
Computer/information science .....	19.5 (0.96)	7.2 (0.71)	26.9 (1.53)	8.4 (1.17)	40.8 (1.37)	9.8 (0.81)	852	415	48.6 (1.60)	16.1 (1.10)
Education .....	17.1 (0.89)	4.6 (0.45)	22.8 (0.81)	3.2 (0.33)	33.8 (1.17)	6.4 (0.59)	841	384	45.7 (1.35)	9.7 (0.81)
Engineering .....	12.1 (0.83)	3.3 (0.40)	16.1 (0.77)	2.3 (0.36)	23.2 (0.93)	2.3 (0.48)	1,140	380	33.3 (0.91)	5.1 (0.51)
Health .....	17.4 (0.48)	5.6 (0.30)	21.9 (0.60)	4.2 (0.33)	33.3 (0.67)	6.7 (0.43)	3,438	1,547	45.0 (0.72)	13.3 (0.53)
Humanities .....	14.0 (0.53)	3.9 (0.26)	19.7 (0.53)	2.6 (0.22)	30.8 (0.65)	4.1 (0.33)	3,083	1,274	41.3 (0.66)	7.8 (0.40)
Life sciences .....	11.0 (0.81)	2.7 (0.39)	15.8 (0.68)	1.8 (0.21)	26.7 (0.92)	3.3 (0.37)	1,413	540	38.2 (0.91)	5.0 (0.53)
Mathematics .....	12.8 (2.48)	3.8 (1.42)	15.1 (2.51)	±	(±) 20.4 (3.02)	2.2 (1.05)	118	50	42.2 (3.98)	9.7 (2.80)
Physical sciences .....	9.8 (2.02)	0.9 (0.41)	12.8 (1.56)	0.3 (0.16)	22.1 (1.93)	1.2 (0.46)	214	70	32.8 (2.45)	2.0 (0.67)
Social/behavioral sciences .....	12.5 (0.63)	3.4 (0.33)	17.1 (0.68)	2.3 (0.31)	31.8 (0.93)	7.0 (0.48)	1,323	556	42.0 (1.05)	9.1 (0.54)
Vocational/technical .....	13.1 (0.96)	4.2 (0.60)	18.5 (1.26)	3.3 (0.50)	22.3 (1.54)	2.8 (0.59)	594	188	31.7 (1.67)	6.0 (0.75)
Undeclared/no major .....	15.0 (0.61)	4.6 (0.34)	20.5 (0.56)	3.1 (0.45)	27.6 (1.16)	5.2 (0.81)	449	148	33.0 (1.71)	9.5 (1.12)
Other .....	14.4 (0.68)	4.3 (0.29)	19.0 (0.69)	3.9 (0.38)	30.5 (0.83)	6.9 (0.50)	2,279	983	43.1 (0.93)	11.4 (0.55)
<b>Had job during academic year<sup>4</sup></b>										
Yes .....	16.8 (0.34)	5.5 (0.22)	22.2 (0.25)	4.2 (0.16)	36.2 (0.42)	7.6 (0.24)	11,812	5,563	47.1 (0.39)	12.9 (0.28)
No .....	11.9 (0.32)	3.3 (0.17)	15.8 (0.37)	2.8 (0.25)	24.9 (0.42)	4.8 (0.20)	7,496	2,756	36.8 (0.44)	7.6 (0.25)
<b>Dependency status</b>										
Dependent .....	11.1 (0.24)	2.9 (0.13)	14.4 (0.24)	1.0 (0.08)	25.5 (0.36)	2.7 (0.12)	9,772	3,428	35.1 (0.37)	1.9 (0.10)
Independent, no dependents, not married <sup>5</sup> .....	15.6 (0.50)	5.1 (0.37)	23.6 (0.56)	4.8 (0.30)	33.6 (0.64)	6.7 (0.33)	3,978	1,840	46.2 (0.69)	14.9 (0.45)
Independent, no dependents, married .....	19.6 (0.78)	6.9 (0.52)	28.6 (0.96)	7.2 (0.84)	37.4 (1.22)	10.1 (0.72)	953	528	55.4 (1.30)	20.8 (1.09)
Independent, with dependents, not married <sup>5</sup> .....	20.5 (0.70)	6.9 (0.49)	25.3 (0.61)	7.4 (0.52)	38.2 (0.67)	10.7 (0.45)	2,618	1,375	52.5 (0.80)	22.9 (0.74)
Independent, with dependents, married .....	25.1 (0.79)	9.7 (0.53)	32.9 (0.71)	9.4 (0.51)	44.9 (0.92)	14.7 (0.75)	1,987	1,148	57.8 (0.89)	27.1 (0.84)
<b>Control and level of institution</b>										
Public .....	16.2 (0.35)	4.7 (0.18)	21.5 (0.25)	2.7 (0.11)	33.2 (0.39)	4.0 (0.16)	14,491	6,362	43.9 (0.37)	6.3 (0.21)
4-year .....	13.5 (0.54)	3.8 (0.23)	18.4 (0.41)	2.2 (0.19)	32.7 (0.51)	4.3 (0.24)	6,786	2,956	43.6 (0.50)	6.1 (0.40)
2-year .....	18.2 (0.43)	5.4 (0.25)	23.9 (0.33)	3.1 (0.16)	33.9 (0.54)	3.8 (0.24)	7,640	3,400	44.5 (0.58)	6.6 (0.25)
Less-than-2-year .....	11.8 (1.19)	3.0 (0.66)	8.1 (1.66)	1.9 (0.73)	11.3 (2.24)	±	66	6	9.4 (1.89)	±
Private nonprofit .....	12.3 (0.79)	4.1 (0.46)	14.3 (0.43)	2.9 (0.23)	21.0 (0.85)	4.5 (0.57)	2,955	1,060	35.9 (0.68)	17.8 (0.54)
4-year .....	12.3 (0.83)	4.1 (0.48)	14.2 (0.44)	2.8 (0.23)	21.3 (0.87)	4.6 (0.59)	2,857	1,033	36.2 (0.65)	17.7 (0.47)
2-year .....	11.2 (2.20)	3.1 (1.11)	19.4 (2.30)	5.9 (1.02)	12.7 (3.26)	0.5 (0.22)	95	26	27.5 (8.33)	21.2 (8.99)
Less-than-2-year .....	17.2 (2.63)	8.1 (1.35)	15.6 (4.69)	2.7 (0.66)	13.6 (5.68)	#	4	1	28.6 (1.46)	17.0 (2.97)
Private for-profit .....	15.3 (1.08)	8.6 (1.06)	21.7 (1.18)	12.8 (1.24)	35.5 (0.83)	21.6 (0.82)	1,861	896	48.1 (0.94)	33.5 (1.22)
4-year .....	26.3 (2.25)	15.6 (2.26)	29.1 (1.95)	19.1 (1.92)	53.0 (1.26)	33.3 (1.30)	1,102	816	74.0 (1.38)	55.0 (1.96)
2-year .....	12.1 (1.64)	6.3 (1.25)	17.6 (1.49)	8.0 (1.34)	8.4 (1.28)	2.9 (1.01)	420	59	14.1 (1.05)	3.0 (0.46)
Less-than-2-year .....	5.4 (0.26)	1.9 (0.13)	6.2 (0.40)	1.8 (0.28)	3.9 (0.77)	±	340	21	6.2 (0.70)	1.1 (0.22)

†Not applicable.  
#Rounds to zero.  
!Interpret data with caution. The coefficient of variation (CV) for this estimate is between 30 and 50 percent.  
‡Reporting standards not met. Either there are too few cases for a reliable estimate or the coefficient of variation (CV) is 50 percent or greater.  
<sup>1</sup>Excludes students not in a degree or certificate program.  
<sup>2</sup>Includes only students enrolled full-time for a full academic year (defined as 9 or more months).  
<sup>3</sup>Includes students enrolled part-time for a full academic year, as well as, students enrolled full-time, but for only part of an academic year.  
<sup>4</sup>Excludes work study/assistantships.  
<sup>5</sup>Includes separated.

NOTE: In 2011–12 and 2015–16, students were asked whether they took classes that were taught entirely online and, if so, whether their entire degree program was online. In 2003–04 and 2007–08, students were asked about distance education, which was defined in 2007–08 as “primarily delivered using live, interactive audio or videoconferencing, pre-recorded instructional videos, webcasts, CD-ROM, or DVD, or computer-based systems delivered over the Internet.” The 2003–04 definition was very similar, with only minor differences in wording. In both years, distance education did not include correspondence courses. Data exclude students attending institutions in Puerto Rico. Detail may not sum to totals because of rounding. Race categories exclude persons of Hispanic ethnicity.  
SOURCE: U.S. Department of Education, National Center for Education Statistics, 2003–04, 2007–08, 2011–12, and 2015–16 National Postsecondary Student Aid Study (NPSAS:04, NPSAS:08, NPSAS:12, and NPSAS:16). (This table was prepared May 2018.)

**Table 311.32. Number and percentage of graduate students enrolled in distance education or online classes and degree programs, by selected characteristics: Selected years, 2003–04 through 2015–16**

[Standard errors appear in parentheses]

Selected characteristic	Percent of graduate students taking distance education classes						2015–16				
	2003–04		2007–08		2011–12		Number of graduate students (in thousands)		Percent of graduate students taking online classes		
	Total, any distance education classes	Entire degree program through distance education <sup>1</sup>	Total, any distance education classes	Entire degree program through distance education <sup>1</sup>	Total, any online classes	Entire degree program is online <sup>1</sup>	Total, all graduate students	Number taking any online classes	Total, any online classes	Entire degree program is online <sup>1</sup>	
1	2	3	4	5	6	7	8	9	10	11	
<b>Total</b> .....	<b>16.5 (0.76)</b>	<b>6.1 (0.58)</b>	<b>22.8 (0.76)</b>	<b>9.5 (0.68)</b>	<b>36.0 (0.74)</b>	<b>18.2 (0.63)</b>	<b>3,547</b>	<b>1,617</b>	<b>45.6 (0.72)</b>	<b>27.3 (0.75)</b>	
<b>Sex</b>											
Male .....	15.4 (1.17)	4.9 (0.74)	20.6 (1.17)	7.8 (1.07)	31.5 (1.17)	15.9 (1.06)	1,446	591	40.8 (0.95)	24.6 (1.02)	
Female .....	17.3 (1.00)	7.0 (0.74)	24.2 (0.99)	10.6 (0.77)	39.0 (0.97)	19.8 (0.78)	2,101	1,026	48.9 (0.91)	29.3 (0.85)	
<b>Race/ethnicity</b>											
White .....	17.7 (0.88)	6.7 (0.74)	23.6 (0.99)	9.6 (0.95)	36.9 (0.98)	18.2 (0.88)	2,105	942	44.8 (0.93)	26.0 (0.90)	
Black .....	19.2 (2.44)	7.5 (1.72)	25.8 (2.94)	11.5 (2.11)	48.8 (2.12)	31.4 (1.66)	504	315	62.5 (2.22)	45.3 (2.17)	
Hispanic .....	13.1 (1.81)	5.0 (1.26)	23.7 (3.09)	9.4 ! (2.85)	34.6 (2.73)	17.9 (2.53)	326	161	49.5 (2.03)	31.2 (2.12)	
Asian .....	9.4 (1.40)	3.0 ! (1.01)	12.8 (1.10)	4.5 (0.68)	19.4 (1.67)	6.0 (1.13)	500	138	27.5 (1.71)	10.8 (1.33)	
Pacific Islander .....	‡ (†)	‡ (†)	31.1 ! (9.43)	13.5 ! (6.20)	44.2 (11.10)	‡ (†)	8	5	64.1 (11.99)	33.4 ! (11.23)	
American Indian/Alaska Native .....	8.7 ! (3.54)	‡ (†)	16.7 ! (6.78)	‡ (†)	55.1 (12.39)	43.4 ! (15.26)	17	8	43.9 (9.31)	33.1 (7.59)	
Two or more races .....	17.1 (4.46)	4.8 ! (2.33)	27.7 ! (8.38)	21.3 ! (9.56)	40.4 (4.24)	18.4 (3.84)	88	49	55.6 (4.48)	33.8 (4.20)	
<b>Age</b>											
15 to 23 .....	11.1 (1.73)	3.7 (0.77)	16.6 (2.64)	1.6 (0.40)	19.5 (1.45)	4.3 (0.76)	466	130	27.9 (1.82)	8.0 (1.32)	
24 to 29 .....	13.6 (0.82)	3.6 (0.43)	16.1 (0.79)	5.7 (0.54)	30.8 (1.05)	14.4 (0.91)	1,387	525	37.8 (0.96)	16.8 (0.87)	
30 or older .....	20.2 (1.21)	9.0 (1.06)	29.5 (1.39)	14.5 (1.31)	44.3 (1.21)	24.9 (1.01)	1,695	962	56.8 (1.02)	41.6 (1.00)	
<b>Attendance status</b>											
Full-time, full-year <sup>2</sup> .....	12.0 (1.00)	3.4 (0.72)	16.4 (1.35)	6.5 (1.24)	31.7 (1.16)	17.4 (0.98)	1,279	408	31.9 (0.96)	15.2 (0.81)	
Part-time only, for only part of year .....	20.0 (1.01)	8.8 (0.97)	28.1 (1.17)	13.3 (1.07)	41.0 (1.21)	19.5 (1.21)	850	453	53.3 (1.54)	36.7 (1.72)	
Mixed attendance status <sup>3</sup> .....	15.6 (1.89)	4.1 (0.71)	23.6 (2.15)	6.8 (0.95)	36.9 (1.98)	17.9 (1.66)	1,418	756	53.3 (1.09)	33.1 (1.06)	
<b>Graduate field of study</b>											
Business/management .....	22.6 (2.30)	10.3 (1.98)	27.6 (2.90)	13.9 (2.68)	40.0 (2.09)	25.1 (1.82)	592	320	54.1 (1.65)	36.7 (1.84)	
Education .....	20.7 (1.74)	8.2 (1.29)	28.3 (1.67)	9.9 (1.36)	48.9 (1.65)	23.7 (1.47)	605	352	58.2 (1.73)	34.3 (1.82)	
Health .....	12.6 (1.23)	3.9 (0.79)	22.0 (1.59)	8.9 (1.33)	36.5 (1.42)	16.5 (1.00)	694	325	46.8 (1.58)	26.6 (1.45)	
Humanities .....	12.9 (2.43)	2.9 ! (0.87)	15.7 (1.72)	3.1 (0.65)	28.1 (3.13)	12.1 (2.88)	281	99	35.3 (2.76)	18.2 (2.32)	
Law .....	5.6 (1.15)	‡ (†)	6.1 (0.87)	1.7 ! (0.54)	10.3 (1.46)	2.5 (0.65)	132	21	15.9 (2.09)	8.0 (1.63)	
Life and physical sciences .....	— (†)	— (†)	— (†)	— (†)	13.9 (1.49)	5.3 (1.21)	197	39	19.9 (2.06)	9.1 (1.77)	
Life sciences .....	12.4 (2.51)	6.9 ! (2.14)	14.0 (2.15)	4.3 (1.14)	— (†)	— (†)	—	—	— (†)	— (†)	
Mathematics, engineering, and computer science .....	12.0 (2.03)	4.6 ! (1.48)	19.7 (3.06)	9.4 ! (2.96)	25.5 (1.78)	13.3 (1.42)	374	135	36.0 (1.87)	19.9 (1.56)	
Social/behavioral sciences .....	8.5 (1.42)	3.4 ! (1.11)	21.3 (3.66)	12.7 (3.68)	36.6 (2.22)	21.7 (1.89)	245	112	45.7 (2.98)	29.0 (3.28)	
Other <sup>4</sup> .....	19.0 (1.56)	4.6 (1.08)	22.2 (1.49)	9.4 (1.49)	38.6 (2.03)	19.2 (2.29)	427	214	50.2 (2.00)	32.7 (2.14)	
<b>Had job during academic year<sup>5</sup></b>											
Yes .....	19.6 (0.97)	7.7 (0.78)	27.2 (0.89)	11.9 (0.79)	43.7 (0.91)	24.1 (0.79)	2,354	1,274	54.1 (0.90)	34.4 (0.98)	
No .....	9.0 (0.81)	2.7 (0.41)	10.0 (1.36)	2.8 ! (1.27)	19.9 (1.12)	6.2 (0.78)	1,193	342	28.7 (1.08)	13.5 (0.75)	
<b>Dependency status</b>											
Dependent .....	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	—	—	— (†)	— (†)	
Independent, no dependents, not married <sup>6</sup> .....	12.1 (0.75)	3.7 (0.39)	16.6 (0.90)	5.2 (0.59)	28.1 (0.88)	11.8 (0.67)	1,901	674	35.5 (0.90)	16.9 (0.86)	
Independent, no dependents, married .....	15.5 (1.22)	5.0 (0.77)	22.3 (1.67)	10.1 (1.56)	36.1 (1.75)	19.5 (1.64)	503	247	49.1 (1.78)	27.6 (1.53)	
Independent, with dependents, not married <sup>6</sup> .....	21.3 (3.18)	9.4 (2.21)	26.8 (3.23)	10.8 (1.86)	52.0 (2.49)	32.5 (2.54)	312	198	63.5 (2.06)	45.7 (2.05)	
Independent, with dependents, married .....	24.2 (1.72)	10.8 (1.46)	34.2 (1.76)	17.5 (2.14)	45.6 (1.60)	25.1 (1.52)	831	498	59.9 (1.48)	44.4 (1.52)	
<b>Control of institution</b>											
Public .....	15.2 (0.68)	4.8 (0.39)	23.1 (0.99)	8.9 (0.95)	32.8 (0.93)	11.8 (0.69)	1,665	708	42.5 (0.99)	21.2 (1.07)	
Private nonprofit .....	16.3 (1.25)	6.7 (1.03)	18.5 (0.74)	6.0 (0.41)	28.5 (1.16)	12.3 (1.03)	1,514	618	40.8 (1.17)	23.7 (1.11)	
Private for-profit .....	35.3 (8.12)	18.6 ! (6.64)	41.6 (5.47)	29.9 (5.89)	74.1 (2.09)	62.5 (2.49)	368	290	78.9 (1.26)	68.5 (1.99)	

—Not available.

†Not applicable.

!Interpret data with caution. The coefficient of variation (CV) for this estimate is between 30 and 50 percent.

‡Reporting standards not met. Either there are too few cases for a reliable estimate or the coefficient of variation (CV) is 50 percent or greater.

<sup>1</sup>Excludes students not in a degree or certificate program.

<sup>2</sup>Includes only students enrolled full time for a full academic year (defined as 9 or more months).

<sup>3</sup>Includes students enrolled part time for a full academic year as well as students enrolled full time, but for only part of an academic year.

<sup>4</sup>Includes students who are not in a degree program or have not declared a major. For 2003–04 and 2007–08, includes physical sciences.

<sup>5</sup>Excludes work study/assistantships.

<sup>6</sup>Includes separated.

NOTE: In 2011–12 and 2015–16, students were asked whether they took classes that were taught entirely online and, if so, whether their entire degree program was online. In 2003–04 and 2007–08, students were asked about distance education, which was defined in 2007–08 as “primarily delivered using live, interactive audio or videoconferencing, prerecorded instructional videos, webcasts, CD-ROM, or DVD, or computer-based systems delivered over the Internet.” The 2003–04 definition was very similar, with only minor differences in wording. In both years, distance education did not include correspondence courses. Data exclude students attending institutions in Puerto Rico. Detail may not sum to totals because of rounding. Race categories exclude persons of Hispanic ethnicity.

SOURCE: U.S. Department of Education, National Center for Education Statistics, 2003–04, 2007–08, 2011–12, and 2015–16 National Postsecondary Student Aid Study (NPSAS:04, NPSAS:08, NPSAS:12, and NPSAS:16). (This table was prepared May 2018.)

**Table 311.33. Selected statistics for degree-granting postsecondary institutions that primarily offer online programs, by control of institution and selected characteristics: 2016**

Selected characteristic	All institutions	Primarily online institutions <sup>1</sup>					Other institutions <sup>1</sup>			
		Total	Percent of all institutions	Public	Nonprofit	For-profit	Total	Public	Nonprofit	For-profit
1	2	3	4	5	6	7	8	9	10	11
<b>Number of institutions, fall 2016<sup>2</sup></b>	<b>4,358</b>	<b>80</b>	<b>1.8</b>	<b>6</b>	<b>24</b>	<b>50</b>	<b>4,278</b>	<b>1,617</b>	<b>1,657</b>	<b>1,004</b>
<b>Fall 2016 enrollment</b>										
Total enrollment	19,841,014	717,408	3.6	67,528	164,093	485,787	19,123,606	14,515,444	3,913,704	694,458
Full-time	12,126,325	417,805	3.4	16,913	109,383	291,509	11,708,520	8,310,637	2,949,794	448,089
Males	5,473,169	134,402	2.5	6,563	33,943	93,896	5,338,767	3,871,255	1,296,415	171,097
Females	6,653,156	283,403	4.3	10,350	75,440	197,613	6,369,753	4,439,382	1,653,379	276,992
Part-time	7,714,689	299,603	3.9	50,615	54,710	194,278	7,415,086	6,204,807	963,910	246,369
Males	3,162,530	121,016	3.8	23,763	23,661	73,592	3,041,514	2,611,839	363,262	66,413
Females	4,552,159	178,587	3.9	26,852	31,049	120,686	4,373,572	3,592,968	600,648	179,956
Undergraduate	16,869,212	508,766	3.0	52,155	134,602	322,009	16,360,446	13,088,931	2,678,167	593,348
Full-time	10,430,542	303,315	2.9	14,821	86,185	202,309	10,127,227	7,504,563	2,208,653	414,011
Part-time	6,438,670	205,451	3.2	37,334	48,417	119,700	6,233,219	5,584,368	469,514	179,337
Postbaccalaureate	2,971,802	208,642	7.0	15,373	29,491	163,778	2,763,160	1,426,513	1,235,537	101,110
Full-time	1,695,783	114,490	6.8	2,092	23,198	89,200	1,581,293	806,074	741,141	34,078
Part-time	1,276,019	94,152	7.4	13,281	6,293	74,578	1,181,867	620,439	494,396	67,032
White	10,712,903	384,885	3.6	45,114	103,992	235,779	10,328,018	7,740,517	2,311,041	276,460
Black	2,588,211	194,850	7.5	6,294	32,616	155,940	2,393,361	1,733,292	465,972	194,097
Hispanic	3,426,756	78,275	2.3	9,642	14,669	53,964	3,348,481	2,808,923	398,199	141,359
Asian	1,253,267	19,051	1.5	2,722	5,004	11,325	1,234,216	953,086	247,922	33,208
Pacific Islander	53,186	4,469	8.4	277	930	3,262	48,717	34,279	9,632	4,806
American Indian/Alaska Native	142,282	6,055	4.3	477	1,215	4,363	136,227	110,197	19,282	6,748
Two or more races	666,374	24,018	3.6	2,263	5,191	16,564	642,356	502,358	120,722	19,276
Nonresident alien	998,035	5,805	0.6	739	476	4,590	992,230	632,792	340,934	18,504
4-year institutions	13,750,769	697,673	5.1	67,528	147,682	482,463	13,053,096	8,674,368	3,879,558	499,170
Full-time	9,816,107	402,822	4.1	16,913	96,366	289,543	9,413,285	6,218,297	2,923,304	271,684
Part-time	3,934,662	294,851	7.5	50,615	51,316	192,920	3,639,811	2,456,071	956,254	227,486
2-year institutions	6,090,245	19,735	0.3	0	16,411	3,324	6,070,510	5,841,076	34,146	195,288
Full-time	2,310,218	14,983	0.6	0	13,017	1,966	2,295,235	2,092,340	26,490	176,405
Part-time	3,780,027	4,752	0.1	0	3,394	1,358	3,775,275	3,748,736	7,656	18,883
<b>Earned degrees conferred, 2015–16</b>										
Associate's	1,008,314	32,404	3.2	821	7,065	24,518	975,910	847,347	49,528	79,035
Males	392,152	11,040	2.8	517	1,510	9,013	381,112	336,779	18,083	26,250
Females	616,162	21,364	3.5	304	5,555	15,505	594,798	510,568	31,445	52,785
Bachelor's	1,920,718	74,908	3.9	7,995	14,803	52,110	1,845,810	1,232,410	545,949	67,451
Males	821,779	29,673	3.6	3,439	5,524	20,710	792,106	540,834	225,810	25,462
Females	1,098,939	45,235	4.1	4,556	9,279	31,400	1,053,704	691,576	320,139	41,989
Master's	785,595	53,103	6.8	3,578	8,356	41,169	732,492	360,948	342,365	29,179
Males	320,444	17,261	5.4	1,465	3,043	12,753	303,183	154,003	139,221	9,959
Females	465,151	35,842	7.7	2,113	5,313	28,416	429,309	206,945	203,144	19,220
Doctor's <sup>3</sup>	177,867	4,408	2.5	56	130	4,222	173,459	89,730	79,914	3,815
Males	84,089	1,603	1.9	14	36	1,553	82,486	43,643	37,504	1,339
Females	93,778	2,805	3.0	42	94	2,669	90,973	46,087	42,410	2,476
<b>First-time students' rates of graduation from and retention at first institution attended</b>										
Among full-time bachelor's degree-seekers starting at 4-year institutions in 2010, percent earning bachelor's degree										
Within 4 years after start	40.6	4.5	†	‡	39.0	3.0	41.0	35.5	53.5	23.5
Within 5 years after start	55.8	9.9	†	‡	43.7	8.5	56.2	53.8	63.7	28.2
Within 6 years after start	59.8	11.3	†	‡	46.5	9.8	60.3	58.9	65.9	30.4
Among full-time degree/certificate-seekers starting at 2-year institutions in 2013, percent completing credential within 150 percent of normal time										
	30.3	‡	†	†	†	51.8	29.6	23.6	55.7	59.8
Among degree-seekers starting in 2015, percent returning in 2016										
Full-time entrants	75.3	51.4	†	69.4	70.8	36.7	75.4	74.0	81.3	65.1
Part-time entrants	44.9	42.6	†	48.1	77.1	39.6	44.9	45.0	46.7	38.5

†Not applicable.  
‡Reporting standards not met (too few cases for a reliable estimate).  
<sup>1</sup>Primarily online institutions have more than 90 percent of their students attending classes exclusively online. Other institutions may have some online offerings, but they are not primarily online.  
<sup>2</sup>Includes only institutions reporting enrollment data in fall 2016.  
<sup>3</sup>Includes Ph.D., Ed.D., and comparable degrees at the doctoral level. Includes most degrees formerly classified as first-professional, such as M.D., D.D.S., and law degrees.

NOTE: Degree-granting institutions grant associate's or higher degrees and participate in Title IV federal financial aid programs. Race categories exclude persons of Hispanic ethnicity. SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), Spring 2017, Fall Enrollment component; IPEDS, Fall 2016, Completions component; and IPEDS, Winter 2016–17, Graduation Rates component. (This table was prepared June 2018.)

**Table 311.40. Percentage of first-year undergraduate students who reported taking remedial education courses, by selected student and institution characteristics: Selected years, 2003–04 through 2015–16**

[Standard errors appear in parentheses]

Selected student or institution characteristic	Percent of 2003–04 first-year undergraduates <sup>1</sup> who took any remedial courses		Percent of 2007–08 first-year undergraduates <sup>1</sup> who took any remedial courses		Percent of 2011–12 first-year undergraduates <sup>1</sup> who took any remedial courses		2015–16 first-year undergraduates <sup>1</sup>					
	Ever	In 2003–04	Ever	In 2007–08	Ever	In 2011–12	Total number of students <sup>2</sup> (in thousands)	Students who took any remedial courses			Percent who took specific remedial courses in 2015–16	
								Percent who ever took	Percent who took in 2015–16 (in thousands)	Percent who took in 2015–16	Mathematics	Reading/writing
1	2	3	4	5	6	7	8	9	10	11	12	13
<b>Total</b> .....	<b>34.8 (0.36)</b>	<b>19.2 (0.30)</b>	<b>36.2 (0.38)</b>	<b>20.0 (0.35)</b>	<b>32.6 (0.42)</b>	<b>19.7 (0.36)</b>	<b>7,706</b>	<b>43.0 (0.58)</b>	<b>1,482</b>	<b>19.2 (0.43)</b>	<b>14.0 (0.36)</b>	<b>8.8 (0.28)</b>
<b>Sex</b>												
Male .....	33.0 (0.53)	18.4 (0.46)	33.0 (0.53)	19.3 (0.51)	30.8 (0.61)	19.9 (0.55)	3,364	40.7 (0.82)	643	19.1 (0.67)	13.9 (0.58)	8.5 (0.38)
Female .....	36.2 (0.54)	19.8 (0.39)	38.7 (0.51)	20.6 (0.46)	34.0 (0.52)	19.7 (0.46)	4,342	44.8 (0.66)	839	19.3 (0.50)	14.1 (0.41)	8.9 (0.36)
<b>Race/ethnicity</b>												
White .....	31.7 (0.42)	17.8 (0.35)	31.3 (0.46)	17.7 (0.41)	29.4 (0.51)	17.7 (0.47)	3,683	38.3 (0.76)	620	16.8 (0.48)	12.6 (0.42)	7.0 (0.33)
Black .....	41.2 (1.00)	22.4 (0.76)	45.1 (0.99)	24.4 (0.86)	37.6 (0.89)	22.2 (0.75)	1,419	48.7 (1.05)	292	20.6 (0.78)	15.0 (0.74)	10.2 (0.62)
Hispanic .....	38.5 (0.91)	21.5 (0.72)	43.7 (1.12)	23.3 (0.84)	35.8 (0.99)	22.4 (0.81)	1,726	47.7 (0.97)	397	23.0 (0.98)	16.7 (0.82)	10.7 (0.60)
Asian .....	39.6 (1.72)	17.6 (1.56)	38.9 (2.05)	20.0 (1.90)	37.6 (2.25)	23.0 (1.75)	490	45.4 (1.83)	97	19.8 (1.48)	13.9 (1.28)	10.4 (1.11)
Pacific Islander .....	40.8 (5.11)	22.4 (4.55)	39.9 (4.63)	19.1 (3.90)	33.4 (5.16)	15.2 (3.50)	37	43.7 (6.07)	‡	21.8 (5.04)	12.0 ! (3.73)	10.6 ! (4.44)
American Indian/Alaska Native .....	44.8 (4.34)	23.7 (3.10)	47.9 (4.66)	29.7 (3.88)	34.9 (4.11)	19.8 (2.79)	79	50.1 (5.64)	19	23.8 (4.98)	12.0 (3.30)	13.9 (4.10)
Two or more races .....	33.9 (2.02)	20.9 (1.80)	32.3 (2.29)	20.4 (2.06)	29.8 (2.02)	19.0 (1.68)	271	41.1 (2.28)	49	18.1 (1.79)	12.8 (1.55)	8.4 (1.35)
Other .....	31.1 (2.78)	17.3 (2.34)	35.2 (6.00)	21.7 (5.11)	— (†)	— (†)	—	— (†)	—	— (†)	— (†)	— (†)
<b>Age</b>												
15 to 23 .....	33.7 (0.41)	21.5 (0.39)	34.5 (0.46)	22.0 (0.43)	31.0 (0.49)	21.1 (0.38)	4,678	41.0 (0.70)	912	19.5 (0.52)	14.5 (0.46)	9.8 (0.37)
24 to 29 .....	35.0 (0.99)	16.0 (0.78)	39.7 (0.98)	19.5 (0.86)	34.4 (1.12)	17.2 (0.91)	1,332	47.4 (1.17)	252	18.9 (0.94)	13.9 (0.82)	6.6 (0.52)
30 or older .....	37.6 (0.87)	15.6 (0.52)	38.1 (0.84)	15.2 (0.68)	35.4 (0.94)	18.4 (0.82)	1,696	45.1 (1.06)	318	18.8 (0.81)	13.0 (0.66)	7.5 (0.56)
<b>Attendance status</b>												
Full-time, full-year <sup>3</sup> .....	31.4 (0.45)	19.1 (0.37)	31.4 (0.52)	19.4 (0.46)	28.1 (0.48)	17.6 (0.41)	3,254	36.7 (0.78)	550	16.9 (0.58)	12.5 (0.48)	8.5 (0.43)
Part-time only, for only part of year .....	37.5 (0.65)	17.9 (0.51)	39.8 (0.71)	19.0 (0.59)	37.4 (0.81)	21.3 (0.78)	3,033	47.7 (0.92)	616	20.3 (0.74)	14.5 (0.63)	8.1 (0.46)
Mixed attendance status <sup>4</sup> .....	41.1 (0.97)	23.7 (0.85)	42.6 (0.98)	26.3 (0.93)	37.0 (0.95)	23.4 (0.74)	1,419	47.4 (0.97)	316	22.2 (0.83)	16.4 (0.69)	10.8 (0.59)
<b>Student housing status</b>												
On-campus .....	24.5 (0.70)	16.8 (0.56)	23.2 (0.84)	17.1 (0.76)	17.9 (0.78)	14.1 (0.67)	921	24.7 (1.26)	120	13.0 (0.89)	9.7 (0.82)	6.8 (0.64)
Off-campus .....	35.9 (0.58)	17.0 (0.40)	37.2 (0.57)	17.8 (0.49)	34.0 (0.65)	19.6 (0.63)	3,810	45.9 (0.78)	720	18.9 (0.58)	13.6 (0.50)	8.2 (0.39)
With parents or relatives .....	37.9 (0.59)	24.5 (0.61)	39.6 (0.78)	25.2 (0.66)	35.3 (0.78)	22.2 (0.61)	2,293	47.6 (1.04)	545	23.7 (0.79)	17.7 (0.69)	11.2 (0.51)
Attended more than one institution .....	36.5 (1.18)	18.3 (0.98)	36.1 (1.11)	20.2 (0.97)	32.7 (1.09)	17.0 (0.95)	682	36.0 (1.07)	97	14.2 (0.81)	9.9 (0.59)	6.4 (0.49)
<b>Dependency status</b>												
Dependent .....	33.4 (0.45)	22.1 (0.41)	34.4 (0.51)	22.8 (0.46)	31.2 (0.53)	22.0 (0.42)	3,843	39.5 (0.77)	749	19.5 (0.55)	14.4 (0.50)	9.7 (0.41)
Independent .....	36.4 (0.61)	16.1 (0.39)	38.1 (0.59)	17.1 (0.51)	33.9 (0.57)	17.6 (0.52)	3,863	46.5 (0.76)	732	19.0 (0.55)	13.7 (0.47)	7.8 (0.36)
<b>Veteran status</b>												
Veteran .....	35.9 (2.33)	13.2 (1.52)	35.8 (2.36)	17.1 (2.08)	31.4 (2.21)	17.4 (1.74)	363	43.9 (2.08)	62	17.1 (1.53)	12.2 (1.38)	6.7 (0.99)
Not veteran .....	34.8 (0.38)	19.4 (0.31)	36.2 (0.38)	20.1 (0.36)	32.7 (0.42)	19.8 (0.37)	7,343	43.0 (0.58)	1,420	19.3 (0.43)	14.1 (0.37)	8.9 (0.30)
<b>Field of study<sup>5</sup></b>												
Business/management .....	36.4 (1.00)	19.6 (0.97)	37.0 (1.13)	21.7 (1.06)	32.7 (1.11)	19.8 (0.85)	996	42.6 (1.37)	182	18.2 (0.95)	13.8 (0.86)	9.2 (0.70)
Computer science .....	33.7 (1.59)	19.2 (1.39)	34.7 (2.28)	19.8 (1.77)	29.3 (1.69)	17.4 (1.40)	329	41.0 (2.14)	64	19.4 (1.78)	14.8 (1.58)	8.9 (1.24)
Education .....	41.5 (1.61)	23.1 (1.14)	40.3 (1.90)	23.0 (1.48)	36.0 (1.84)	21.6 (1.53)	289	46.6 (2.33)	64	22.1 (1.91)	18.2 (1.81)	8.8 (1.37)
Engineering .....	30.9 (1.79)	16.6 (1.41)	33.0 (1.81)	19.0 (1.57)	33.1 (1.88)	20.9 (1.63)	394	38.6 (2.02)	70	17.8 (1.66)	13.7 (1.54)	9.0 (1.11)
Health .....	37.0 (0.83)	19.7 (0.68)	38.6 (2.49)	18.9 (4.49)	34.6 (0.74)	18.8 (0.70)	1,531	46.5 (1.09)	293	19.1 (0.87)	14.7 (0.75)	9.2 (0.68)
Humanities .....	34.0 (1.29)	18.8 (0.94)	31.2 (1.94)	20.5 (1.77)	36.6 (1.03)	23.9 (0.91)	1,421	46.8 (1.13)	292	20.5 (0.97)	14.4 (0.84)	9.0 (0.64)
Life sciences .....	31.2 (1.81)	19.7 (1.72)	31.2 (6.21)	20.5 ! (8.64)	26.7 (1.71)	17.9 (1.11)	386	36.4 (2.03)	69	18.0 (1.56)	14.0 (1.53)	8.2 (1.16)
Mathematics .....	23.0 (5.55)	11.0 ! (4.43)	41.1 (6.31)	15.6 ! (5.20)	14.3 ! (4.57)	8.4 ! (2.81)	29	36.4 (7.45)	‡	13.2 ! (4.85)	12.1 ! (4.68)	‡ (†)
Physical sciences .....	24.0 (4.39)	12.9 (3.49)	24.5 (4.31)	15.7 (3.92)	29.2 (4.72)	24.7 (4.59)	62	37.2 (6.96)	‡	15.4 (3.50)	9.2 (2.47)	7.6 (2.27)
Social/behavioral sciences .....	33.2 (2.08)	19.4 (1.57)	35.0 (2.16)	23.4 (1.94)	27.7 (1.87)	19.8 (1.38)	341	42.4 (2.23)	66	19.2 (1.61)	13.9 (1.40)	9.6 (1.30)
Vocational/technical .....	38.5 (2.11)	18.3 (1.60)	31.1 (1.93)	15.7 (1.78)	26.9 (1.94)	15.7 (1.59)	336	33.0 (2.32)	51	15.3 (1.64)	11.3 (1.41)	8.4 (1.16)
Undeclared .....	33.6 (0.67)	19.2 (0.59)	35.8 (1.29)	20.0 (1.14)	31.8 (2.10)	22.0 (1.86)	297	45.0 (2.56)	77	25.8 (2.15)	18.4 (1.97)	11.6 (1.57)
Other .....	33.3 (1.49)	18.0 (1.06)	34.6 (1.23)	18.5 (0.97)	29.3 (0.94)	16.7 (0.77)	930	42.6 (1.36)	174	18.7 (1.01)	12.8 (0.94)	8.0 (0.67)

See notes at end of table.

**Table 311.40. Percentage of first-year undergraduate students who reported taking remedial education courses, by selected student and institution characteristics: Selected years, 2003–04 through 2015–16—Continued**

[Standard errors appear in parentheses]

Selected student or institution characteristic	Percent of 2003–04 first-year undergraduates <sup>1</sup> who took any remedial courses		Percent of 2007–08 first-year undergraduates <sup>1</sup> who took any remedial courses		Percent of 2011–12 first-year undergraduates <sup>1</sup> who took any remedial courses		2015–16 first-year undergraduates <sup>1</sup>					
	Ever	In 2003–04	Ever	In 2007–08	Ever	In 2011–12	Total number of students <sup>2</sup> (in thousands)	Students who took any remedial courses		Percent who took specific remedial courses in 2015–16		
								Percent who ever took	Percent who took in 2015–16 (in thousands)	Percent who took in 2015–16	Mathematics	Reading/writing
1	2	3	4	5	6	7	8	9	10	11	12	13
Control and level of institution												
Public less-than-2-year .....	30.6 (1.85)	10.9 (1.09)	31.9 (1.99)	9.0 (0.89)	30.2 (6.13)	12.2 ! (3.86)	55	33.0 (3.85)	‡	10.9 (1.54)	8.4 (1.61)	6.9 (0.93)
Public 2-year .....	41.4 (0.59)	23.0 (0.47)	41.8 (0.54)	23.7 (0.48)	40.3 (0.67)	25.6 (0.64)	4,275	52.5 (0.76)	1,082	25.3 (0.63)	18.6 (0.53)	10.8 (0.42)
Public 4-year nondoctorate .....	34.2 (1.77)	21.4 (1.12)	38.9 (1.24)	25.4 (1.14)	37.8 (2.12)	24.3 (1.30)	692	44.4 (1.92)	125	18.1 (1.28)	13.9 (1.09)	7.8 (0.77)
Public 4-year doctorate .....	25.7 (1.11)	16.3 (0.64)	25.0 (1.03)	17.8 (0.86)	21.9 (0.84)	15.6 (0.80)	819	26.2 (1.35)	96	11.7 (0.93)	9.0 (0.75)	5.7 (0.72)
Private nonprofit less-than-4-year .....	31.3 (2.06)	12.9 (1.89)	30.3 (3.75)	10.2 (2.81)	22.3 (4.25)	9.4 ! (3.42)	76	23.7 (1.86)	4	5.7 ! (2.02)	5.1 ! (2.05)	4.1 ! (2.06)
Private nonprofit 4-year nondoctorate .....	26.0 (1.16)	14.7 (0.78)	25.5 (1.74)	16.6 (1.46)	24.4 (1.66)	15.3 (1.23)	344	28.3 (1.88)	39	11.3 (0.93)	7.6 (0.91)	6.7 (0.71)
Private nonprofit 4-year doctorate .....	18.3 (1.67)	11.6 (1.39)	22.1 (1.70)	12.6 (1.38)	14.6 (1.85)	9.6 (1.24)	396	21.8 (1.71)	36	9.2 (1.07)	5.0 (0.97)	6.2 (0.93)
Private for-profit less-than-2-year .....	24.1 (0.50)	7.8 (0.23)	26.5 (1.02)	5.5 (0.51)	16.7 (0.74)	3.8 (0.56)	288	25.0 (1.10)	12	4.2 (0.69)	2.5 (0.49)	2.0 (0.50)
Private for-profit 2 years or more .....	25.4 (1.63)	11.7 (1.04)	28.8 (1.46)	11.3 (1.20)	20.9 (0.74)	8.2 (0.37)	761	33.9 (1.61)	82	10.7 (0.70)	7.5 (0.58)	6.7 (0.54)

—Not available.

‡Not applicable.

!Interpret data with caution. The coefficient of variation (CV) for this estimate is between 30 and 50 percent.

‡Reporting standards not met. The coefficient of variation (CV) for this estimate is 50 percent or greater.

<sup>1</sup>First-year student status was determined by accumulation of credits. Students attending postsecondary education part time, or not completing the credit accumulation requirements for second-year status, could be considered first-year students for more than one year.

<sup>2</sup>Numbers may not equal those reported in other tables, since these data are based on a sample survey of students who enrolled at any time during the academic year.

<sup>3</sup>Includes only students enrolled full time for a full academic year (defined as 9 or more months).

<sup>4</sup>Includes students enrolled part time for a full academic year as well as students enrolled full time, but for only part of an academic year.

<sup>5</sup>Excludes students not in a degree or certificate program.

NOTE: Percentages of students who took remedial courses are based on student reports. Data exclude students attending institutions in Puerto Rico. Detail may not sum to totals because of survey item nonresponse and rounding. Race categories exclude persons of Hispanic ethnicity.

SOURCE: U.S. Department of Education, National Center for Education Statistics, 2003–04, 2007–08, 2011–12, and 2015–16 National Postsecondary Student Aid Study (NPSAS:04, NPSAS:08, NPSAS:12, and NPSAS:16). (This table was prepared June 2018.)

**Table 311.50. Percentage of degree-granting postsecondary institutions with first-year undergraduates offering remedial services, by control and level of institution: 1989–90 through 2016–17**

Year	Public and private			Public			Private								
	Total	4-year	2-year	Total	4-year	2-year	Total			Nonprofit			For-profit		
							Total	4-year	2-year	Total	4-year	2-year	Total	4-year	2-year
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
1989–90.....	76.6	69.6	87.2	92.4	82.9	98.2	64.1	64.5	63.0	65.0	64.2	71.8	59.5	71.7	57.0
1990–91.....	77.7	70.6	88.4	93.0	83.5	98.9	65.6	65.6	65.5	65.6	64.9	71.3	65.6	81.3	62.0
1991–92.....	78.6	71.4	89.2	93.9	84.5	99.6	66.3	66.4	65.8	66.2	65.8	69.9	66.6	79.2	63.2
1992–93.....	78.5	71.5	88.8	93.5	84.5	98.8	66.4	66.5	65.8	66.7	66.2	71.5	64.6	73.7	62.0
1993–94.....	79.0	72.2	89.5	93.5	84.6	98.7	67.4	67.5	67.0	67.7	67.0	73.5	65.6	76.3	62.1
1994–95.....	79.8	73.6	89.1	93.7	85.3	98.6	68.6	69.2	66.6	69.3	68.7	74.0	65.2	76.0	60.8
1995–96.....	79.5	73.0	89.4	93.7	85.4	98.6	68.0	68.4	66.3	68.9	68.3	73.3	63.5	69.2	60.5
1996–97.....	80.0	73.1	91.0	94.0	85.1	99.2	68.6	68.6	68.4	69.2	68.3	77.3	65.2	72.7	60.8
1997–98.....	76.7	72.5	82.2	93.8	85.2	98.7	64.2	67.8	55.1	69.0	68.3	75.4	51.7	63.9	47.5
1998–99.....	76.1	72.0	81.5	93.6	84.2	99.0	63.6	67.7	52.8	68.6	68.3	71.6	51.1	63.4	46.2
1999–2000.....	76.1	71.6	82.2	93.5	83.6	99.2	63.9	67.4	54.4	69.2	68.5	76.7	51.5	60.1	47.7
2000–01.....	75.1	71.4	80.4	93.1	81.7	99.7	62.8	67.9	48.8	67.6	67.0	73.6	52.7	72.9	41.8
2001–02.....	73.3	69.0	79.5	92.3	79.9	99.4	60.2	65.3	45.0	66.1	65.5	72.6	48.0	64.5	37.3
2002–03.....	72.5	67.6	79.5	91.7	78.4	99.4	59.0	63.9	44.8	65.4	64.7	74.0	45.6	59.6	37.2
2003–04.....	72.1	67.1	79.7	91.3	77.3	99.5	59.0	63.7	44.8	65.0	64.0	77.1	47.4	62.0	37.3
2004–05.....	72.6	67.4	80.3	90.6	75.6	99.6	60.4	64.7	47.4	63.1	62.5	71.4	55.4	73.7	42.2
2005–06.....	72.2	66.9	80.2	90.2	75.2	99.3	60.4	64.2	48.8	62.2	61.3	74.3	57.2	75.0	43.4
2006–07.....	72.8	67.5	80.9	90.4	75.6	99.5	61.4	64.9	50.6	62.2	61.3	74.8	60.1	77.0	45.8
2007–08.....	72.4	67.2	80.9	89.7	74.1	99.5	61.6	64.9	51.0	61.4	60.6	73.9	61.8	78.4	47.2
2008–09.....	72.6	67.9	80.2	89.9	74.5	99.6	62.1	65.8	50.5	61.4	60.8	70.7	63.1	80.4	47.2
2009–10.....	72.7	68.3	79.7	89.8	75.3	99.6	62.5	66.1	52.1	61.2	60.6	72.9	64.3	81.2	49.4
2010–11.....	72.0	69.1	76.7	89.6	75.5	99.4	62.1	67.2	47.3	61.2	60.6	71.3	63.2	82.7	44.1
2011–12.....	70.4	67.1	75.9	89.6	75.7	99.5	60.0	64.6	46.3	60.2	60.3	59.0	59.8	73.8	44.4
2012–13.....	70.7	67.8	75.8	89.3	75.5	99.5	60.9	65.5	46.9	60.3	60.5	56.7	61.6	75.4	45.4
2013–14.....	70.0	66.4	76.4	89.0	74.8	99.5	60.0	64.0	47.7	59.9	59.9	60.2	60.1	72.4	46.0
2014–15.....	70.0	66.4	76.4	89.0	74.8	99.5	60.0	64.0	47.7	59.9	59.9	60.2	60.1	72.4	46.0
2015–16.....	70.1	67.0	76.0	88.1	74.2	99.0	60.3	64.8	44.7	59.3	59.7	52.3	61.6	76.4	43.2
2016–17.....	69.0	65.1	76.2	88.2	75.2	99.0	57.6	61.5	44.7	59.1	59.3	55.4	55.2	68.3	42.7
Change in percentage points															
1996–97 to 2006–07.....	-7.2	-5.6	-10.0	-3.6	-9.5	0.3	-7.1	-3.7	-17.7	-7.0	-7.0	-2.6	-5.1	4.3	-15.0
2006–07 to 2016–17.....	-3.8	-2.4	-4.8	-2.2	-0.4	-0.5	-3.8	-3.4	-5.9	-3.1	-2.0	-19.3	-5.0	-8.8	-3.1

NOTE: Remedial services are instructional activities designed for students deficient in the general competencies necessary for a regular postsecondary curriculum and educational setting. Data through 1995–96 are for institutions of higher education, while later data are for degree-granting institutions. Degree-granting institutions grant associate's or higher degrees and participate in Title IV federal financial aid programs. Excludes institutions not enrolling any first-time degree/certificate-seeking undergraduates.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), "Institutional Characteristics Survey" (IPEDS-IC:89–99); Fall 2000 through Fall 2013, Institutional Characteristics component; and Winter 2014–15 and 2016–17, Admissions component. (This table was prepared June 2018.)

**Table 311.60. Enrollment in postsecondary education, by level of enrollment, level of institution, student age, and major field of study: 2015–16**  
 [Standard errors appear in parentheses]

Major field of study <sup>1</sup>	Undergraduate												Post-baccalaureate	
	All students				2-year and less-than-2-year institutions <sup>2</sup>				4-year institutions					
	Total (in thousands)	Percentage distribution, by age			Total (in thousands)	Percentage distribution, by age			Total (in thousands)	Percentage distribution, by age				Total (in thousands)
		Under 25	25 to 35	Over 35		Under 25	25 to 35	Over 35		Under 25	25 to 35	Over 35		
1	2	3	4	5	6	7	8	9	10	11	12	13	14	
<b>Total</b> .....	<b>19,308</b>	<b>63.3 (0.32)</b>	<b>23.3 (0.26)</b>	<b>13.4 (0.23)</b>	<b>9,650</b>	<b>57.2 (0.56)</b>	<b>26.9 (0.45)</b>	<b>15.9 (0.37)</b>	<b>9,658</b>	<b>69.3 (0.40)</b>	<b>19.8 (0.32)</b>	<b>10.9 (0.26)</b>	<b>3,547</b>	
Agriculture and related sciences .....	159	74.8 (3.22)	16.5 (2.56)	8.6 (1.91)	78	60.1 (5.38)	24.9 (4.62)	15.0 (3.49)	81	88.9 (2.10)	8.6 (1.72)	2.5 ! (0.99)	17	
Anthropology .....	48	70.3 (5.64)	19.6 (5.01)	10.1 ! (4.77)	12	59.7 (17.51)	± (†)	± (†)	36	73.8 (5.28)	18.6 (4.93)	7.6 ! (3.42)	11	
Architecture and related services .....	58	80.5 (4.08)	11.7 (3.14)	7.7 ! (3.50)	16	71.2 (8.57)	± (†)	14.9 ! (7.32)	42	84.1 (4.48)	10.9 ! (3.30)	± (†)	23	
Area, ethnic, and gender studies .....	38	76.5 (5.27)	10.1 ! (3.05)	13.4 ! (4.93)	11	68.8 (13.23)	± (†)	± (†)	27	79.6 (4.89)	12.1 ! (3.74)	8.2 ! (3.74)	10	
Biological and biomedical sciences .....	686	87.3 (1.03)	10.4 (0.88)	2.4 (0.52)	203	80.0 (2.03)	14.6 (1.56)	5.3 (1.59)	484	90.3 (1.05)	8.6 (1.01)	1.1 (0.30)	106	
Business, management, and marketing .....	2,973	59.1 (0.79)	24.7 (0.61)	16.2 (0.56)	1,190	55.1 (1.61)	26.7 (1.34)	18.2 (0.94)	1,783	61.7 (1.00)	23.4 (0.75)	14.9 (0.71)	592	
Communication and journalism .....	370	85.5 (1.23)	10.9 (1.11)	3.6 (0.56)	84	77.7 (3.16)	17.2 (2.84)	5.1 (1.39)	286	87.8 (1.30)	9.1 (1.14)	3.1 (0.67)	40	
Communications technologies/technicians .....	97	68.9 (3.18)	20.8 (2.93)	10.2 (1.99)	50	63.0 (5.03)	23.5 (4.80)	13.5 (3.15)	47	75.1 (3.65)	18.0 (3.31)	6.8 ! (2.12)	±	
Computer and information sciences .....	852	53.0 (1.46)	29.5 (1.26)	17.4 (1.00)	396	50.8 (2.24)	28.6 (2.06)	20.6 (1.67)	456	55.0 (1.76)	30.3 (1.43)	14.7 (1.13)	131	
Construction trades .....	85	41.6 (4.62)	41.5 (5.45)	16.9 (4.22)	74	40.2 (4.84)	41.3 (5.58)	18.5 (4.59)	11	50.6 (14.55)	43.0 ! (15.65)	± (†)	±	
Criminology .....	35	76.8 (4.92)	19.6 (4.64)	± (†)	9	70.1 (9.57)	26.6 ! (9.21)	± (†)	26	79.0 (5.99)	17.2 ! (5.55)	± (†)	±	
Economics .....	113	91.7 (2.13)	8.2 (2.11)	± (†)	17	76.8 (9.97)	23.2 ! (9.96)	± (†)	96	94.4 (1.44)	5.5 (1.41)	± (†)	16	
Education .....	841	66.6 (1.16)	20.5 (0.96)	12.8 (0.90)	365	56.6 (2.21)	26.7 (1.81)	16.7 (1.75)	475	74.4 (1.25)	15.8 (1.12)	9.9 (0.90)	605	
Engineering .....	799	82.6 (0.98)	13.2 (0.84)	4.2 (0.46)	244	70.9 (2.22)	21.8 (2.05)	7.3 (1.02)	555	87.7 (0.99)	9.5 (0.81)	2.8 (0.47)	188	
Engineering technologies/technicians .....	341	49.0 (2.33)	31.8 (2.08)	19.2 (1.89)	222	46.5 (3.21)	32.0 (2.78)	21.5 (2.63)	120	53.5 (3.36)	31.3 (3.46)	15.2 (2.41)	26	
English language and literature/letters .....	199	72.6 (4.22)	15.8 (1.93)	11.6 (3.23)	60	51.5 (9.53)	18.4 (3.70)	30.1 (7.76)	138	81.9 (2.55)	14.7 (2.31)	3.4 ! (1.06)	40	
Family and consumer/human sciences .....	193	61.3 (2.83)	20.5 (1.93)	18.2 (2.31)	99	52.1 (4.35)	23.8 (3.25)	24.1 (3.89)	94	71.1 (3.12)	17.0 (2.35)	11.9 (2.47)	12	
Foreign languages and literatures .....	84	74.8 (3.95)	15.9 (3.40)	9.3 (2.50)	28	58.7 (8.24)	25.4 (7.04)	15.9 ! (6.35)	55	83.0 (3.78)	11.1 ! (3.40)	5.9 ! (1.94)	11	
Geography .....	20	61.6 (8.55)	22.4 ! (6.76)	± (†)	±	± (†)	± (†)	± (†)	13	63.2 (7.94)	29.7 (8.31)	7.1 ! (2.78)	±	
Health professions and related sciences .....	3,438	50.0 (0.68)	32.0 (0.52)	18.0 (0.52)	2,067	48.0 (0.86)	33.7 (0.72)	18.3 (0.66)	1,371	53.0 (1.14)	29.5 (0.85)	17.5 (0.83)	694	
History .....	112	71.8 (2.97)	21.0 (3.06)	7.2 (1.81)	27	70.5 (7.07)	27.3 (7.19)	2.2 ! (1.01)	85	72.2 (3.05)	19.0 (2.93)	8.8 (2.28)	25	
International relations and affairs .....	38	89.2 (3.32)	9.2 ! (2.99)	± (†)	±	± (†)	± (†)	± (†)	33	87.5 (3.71)	10.7 ! (3.39)	± (†)	12	
Legal professions and studies .....	128	47.6 (3.84)	25.0 (2.84)	27.4 (3.80)	64	47.0 (5.95)	22.9 (4.54)	30.2 (6.45)	64	48.2 (5.31)	27.2 (3.43)	24.6 (5.15)	132	
Liberal arts, sciences and humanities .....	1,915	66.4 (0.86)	21.6 (0.83)	12.0 (0.64)	1,426	64.7 (1.12)	23.0 (1.06)	12.2 (0.74)	490	71.3 (1.35)	17.5 (1.37)	11.2 (1.24)	31	
Library science .....	±	± (†)	± (†)	± (†)	±	± (†)	± (†)	± (†)	±	± (†)	± (†)	± (†)	11	
Mathematics and statistics .....	118	83.5 (2.55)	13.0 (2.20)	3.5 ! (1.39)	35	78.2 (6.66)	14.8 ! (5.35)	± (†)	83	85.7 (2.42)	12.3 (2.37)	2.0 ! (0.79)	29	
Mechanic and repair technologies .....	272	54.2 (2.77)	28.7 (1.93)	17.1 (2.00)	240	54.8 (2.94)	27.9 (2.02)	17.3 (2.19)	32	50.0 (9.84)	34.6 (8.02)	15.4 ! (4.90)	±	
Military technologies .....	±	± (†)	± (†)	± (†)	±	± (†)	± (†)	± (†)	±	± (†)	± (†)	± (†)	±	
Multi/interdisciplinary studies .....	259	66.8 (2.32)	22.2 (1.87)	11.1 (1.62)	117	63.9 (3.61)	25.5 (3.10)	10.6 (2.07)	142	69.2 (2.77)	19.4 (2.26)	11.4 (2.34)	29	
Natural resources and conservation .....	97	73.0 (3.38)	23.5 (3.47)	3.5 ! (1.07)	29	73.6 (5.57)	20.8 (5.23)	5.6 ! (2.61)	68	72.7 (4.13)	24.6 (4.31)	2.6 ! (1.24)	17	
Parks, recreation, and fitness studies .....	302	84.7 (1.69)	11.7 (1.43)	3.6 (0.93)	98	75.9 (3.76)	15.5 (2.84)	8.6 ! (2.65)	204	88.9 (1.58)	9.9 (1.56)	1.2 (0.36)	26	
Personal and culinary services .....	305	54.3 (2.18)	31.3 (1.78)	14.4 (1.49)	261	54.3 (2.36)	32.2 (1.97)	13.5 (1.66)	44	54.3 (4.94)	26.1 (3.76)	19.6 (3.63)	±	
Philosophy and religious studies .....	56	58.5 (7.65)	19.6 (4.71)	21.9 ! (7.00)	8	80.3 (11.32)	± (†)	± (†)	48	54.8 (8.39)	20.7 (5.36)	24.5 ! (7.93)	19	
Physical sciences .....	214	82.1 (2.19)	14.7 (1.97)	3.3 (0.93)	76	75.1 (4.42)	19.8 (3.57)	5.0 ! (2.24)	139	85.9 (2.41)	11.9 (2.29)	2.3 ! (0.74)	46	
Political science and government .....	144	85.7 (1.87)	10.5 (1.68)	3.7 (1.11)	28	86.0 (4.13)	8.7 ! (3.26)	5.3 ! (2.26)	116	85.6 (2.14)	11.0 (1.96)	3.4 ! (1.23)	25	
Precision production .....	102	49.4 (4.74)	30.8 (4.57)	19.8 (3.37)	89	49.2 (5.31)	34.4 (4.84)	16.4 (3.00)	±	± (†)	± (†)	± (†)	±	
Psychology .....	684	70.8 (1.41)	20.3 (1.27)	8.9 (0.79)	207	68.2 (2.96)	22.6 (2.84)	9.2 (1.46)	477	71.9 (1.59)	19.3 (1.41)	8.8 (0.89)	169	
Public administration and social services .....	231	51.3 (2.58)	26.2 (2.23)	22.5 (1.77)	90	47.9 (4.91)	32.0 (4.06)	20.0 (2.61)	141	53.5 (2.56)	22.5 (2.28)	24.0 (2.28)	138	
Science technologies/technicians .....	29	57.5 (7.71)	26.2 (6.66)	16.4 (4.50)	23	62.5 (8.59)	23.5 ! (7.40)	14.0 ! (5.26)	±	± (†)	± (†)	± (†)	±	
Security and protective services .....	726	63.4 (1.38)	23.8 (1.13)	12.8 (0.96)	395	63.1 (1.97)	24.7 (1.77)	12.2 (1.50)	331	63.8 (1.75)	22.7 (1.31)	13.5 (1.27)	47	

See notes at end of table.

**Table 311.60. Enrollment in postsecondary education, by level of enrollment, level of institution, student age, and major field of study: 2015–16—Continued**  
 [Standard errors appear in parentheses]

Major field of study <sup>1</sup>	Undergraduate												Post-baccalaureate Total (in thousands)
	All students				2-year and less-than-2-year institutions <sup>2</sup>				4-year institutions				
	Total (in thousands)	Percentage distribution, by age			Total (in thousands)	Percentage distribution, by age			Total (in thousands)	Percentage distribution, by age			
		Under 25	25 to 35	Over 35		Under 25	25 to 35	Over 35		Under 25	25 to 35	Over 35	
1	2	3	4	5	6	7	8	9	10	11	12	13	14
Social sciences, other.....	85	62.5 (4.62)	20.6 (4.01)	16.9 (3.27)	52	55.9 (6.83)	22.7 (6.28)	21.4 (5.12)	34	72.7 (5.43)	17.4 (4.31)	9.9! (3.15)	5
Sociology.....	147	67.6 (2.97)	23.5 (3.08)	8.8 (1.53)	51	53.7 (6.80)	36.8 (7.05)	9.5 (2.84)	97	75.0 (2.80)	16.6 (2.36)	8.4 (1.67)	12
Theology and religious vocations.....	46	55.5 (8.71)	16.1 (3.77)	28.4! (9.31)	‡	‡ (†)	‡ (†)	‡ (†)	43	53.8 (9.05)	16.1 (3.97)	30.1! (9.66)	73
Transportation and materials moving.....	72	53.5 (5.59)	28.9 (6.36)	17.7 (4.22)	45	44.8 (6.85)	34.8 (8.85)	20.4! (7.16)	27	68.0 (5.41)	18.9 (5.20)	13.1 (2.80)	‡
Visual and performing arts.....	745	75.4 (1.14)	17.9 (1.09)	6.7 (0.71)	283	69.9 (2.12)	20.3 (1.81)	9.8 (1.56)	462	78.8 (1.32)	16.4 (1.36)	4.8 (0.58)	72
Undecided.....	449	70.4 (1.99)	17.4 (1.60)	12.2 (1.47)	274	66.0 (2.58)	20.1 (2.25)	13.9 (2.08)	175	77.3 (2.62)	13.2 (1.88)	9.5 (1.77)	†

†Not applicable.  
 !Interpret data with caution. The coefficient of variation (CV) for this estimate is between 30 and 50 percent.  
 ‡Reporting standards not met. Either there are too few cases for a reliable estimate or the coefficient of variation (CV) is 50 percent or greater.  
<sup>1</sup>For undergraduate students, the field of study categories include students who had already declared a major as well as students who had decided on, but not yet declared, an intended major. The “Undecided” category consists of undergraduate students who had neither declared nor decided on a major.

<sup>2</sup>Also includes students attending more than one institution.  
 NOTE: Because of different survey editing and processing procedures, enrollment data in this table may differ from those appearing in other tables. Includes students who enrolled at any time during the 2015–16 academic year. Data exclude Puerto Rico. Data have been revised from previously published figures. Detail may not sum to totals because of rounding.  
 SOURCE: U.S. Department of Education, National Center for Education Statistics, 2015–16 National Postsecondary Student Aid Study (NPSAS:16). (This table was prepared May 2018.)

**Table 311.90. Graduate enrollment in research-based programs in engineering, natural and social sciences, mathematics and computer sciences, and selected health fields in degree-granting postsecondary institutions, by discipline division: Selected years, fall 2007 through fall 2016**

Discipline division	2007	2009	2010	2011	2012	2013	2014 <sup>1</sup>	2015	2016
1	2	3	4	5	6	7	8	9	10
<b>Total, all surveyed discipline divisions.....</b>	<b>619,499</b>	<b>631,645</b>	<b>632,652</b>	<b>626,820</b>	<b>627,243</b>	<b>633,010</b>	<b>666,586</b>	<b>685,397</b>	<b>684,825</b>
Engineering .....	131,676	144,677	149,241	146,501	148,385	153,049	164,488	169,354	168,443
Aerospace.....	4,616	5,266	5,540	5,691	5,069	5,181	5,116	5,345	5,416
Agricultural.....	1,126	1,303	1,457	1,656	1,552	1,642	1,740	1,630	1,626
Architecture.....	4,601	6,804	6,795	3,111	2,363	2,176	1,817	1,565	1,671
Biomedical.....	6,904	7,904	8,497	9,175	9,157	9,198	9,510	9,761	10,208
Chemical.....	7,584	8,188	8,668	8,828	9,222	9,698	9,870	10,008	10,187
Civil.....	16,071	18,638	19,559	19,596	19,922	20,110	20,789	20,978	20,569
Electrical.....	40,588	41,218	41,336	41,580	42,347	45,562	51,909	52,940	50,062
Engineering science, mechanics, and physics.....	1,806	2,168	2,071	2,101	2,227	2,142	2,162	1,708	1,756
Industrial/manufacturing.....	14,474	15,825	15,205	14,494	14,469	14,363	14,845	16,284	16,200
Mechanical.....	18,347	21,243	22,509	21,883	23,088	24,087	25,651	27,314	27,898
Metallurgical/materials.....	5,314	5,863	6,274	6,649	6,985	7,144	7,518	7,741	8,106
Mining.....	222	312	419	500	356	357	396	407	378
Nuclear.....	1,180	1,243	1,459	1,499	1,513	1,459	1,467	1,449	1,466
Petroleum.....	1,014	1,190	1,295	1,301	1,525	1,609	2,056	2,021	1,862
Other engineering.....	7,829	7,512	8,157	8,437	8,590	8,321	9,642	10,203	11,038
Natural and social sciences									
Agricultural sciences.....	13,528	15,200	15,656	16,129	16,234	16,429	17,505	18,610	18,284
Biological sciences.....	71,932	73,304	74,928	75,423	76,447	76,649	78,490	80,096	79,146
Anatomy.....	867	833	849	762	700	527	554	594	448
Biochemistry.....	5,853	5,271	5,308	5,183	5,245	4,970	5,025	4,793	4,481
Biology.....	15,898	16,840	17,210	16,911	16,321	16,004	16,697	16,612	16,380
Biometry/epidemiology.....	5,694	5,739	6,398	6,786	7,800	8,478	8,326	8,987	9,007
Biophysics.....	1,193	1,042	1,072	1,016	976	952	877	919	941
Botany and plant biology.....	1,821	1,831	1,863	1,915	1,852	1,878	1,877	1,869	1,820
Cell and molecular biology.....	6,839	7,153	7,047	6,905	6,799	6,543	6,214	6,450	6,535
Ecology.....	2,026	1,746	1,828	1,713	1,667	1,437	1,416	1,302	1,396
Entomology/parasitology.....	1,078	1,079	1,116	1,119	1,187	1,278	1,304	1,285	1,171
Genetics.....	2,120	2,242	2,333	2,403	2,342	2,315	2,411	2,412	2,404
Microbiology, immunology, and virology.....	5,212	4,968	4,896	5,031	4,950	4,961	4,670	4,571	4,615
Nutrition.....	4,890	5,330	5,548	5,345	5,336	5,387	5,868	5,705	5,401
Pathology.....	1,580	1,450	1,376	1,313	1,196	1,112	1,036	1,046	998
Pharmacology.....	3,013	3,163	3,101	3,053	3,088	2,979	2,916	2,817	2,873
Physiology.....	2,738	2,866	2,879	3,000	3,046	3,224	3,415	3,795	4,024
Zoology.....	1,108	875	896	1,060	1,083	1,188	1,093	998	815
Other biosciences.....	10,002	10,876	11,208	11,908	12,859	13,416	14,791	15,941	15,837
Communication.....	7,303	9,418	9,825	11,029	11,010	11,114	11,942	11,759	12,347
Earth, atmospheric, and ocean sciences.....	14,100	14,839	15,655	15,820	16,069	15,816	15,710	15,447	15,015
Atmospheric sciences.....	1,178	1,355	1,455	1,513	1,546	1,534	1,466	1,387	1,399
Geosciences.....	7,020	7,539	8,251	8,361	8,659	8,754	8,821	8,876	8,610
Oceanography.....	2,615	2,633	2,556	2,680	2,642	2,682	2,666	2,574	2,743
Other earth, atmospheric, and ocean sciences.....	3,287	3,312	3,393	3,266	3,222	2,846	2,757	2,610	2,263
Family and consumer science/human science.....	2,780	3,794	4,191	4,509	4,110	4,014	4,302	4,134	3,750
Multidisciplinary/interdisciplinary studies.....	4,484	6,557	7,944	6,537	6,038	5,892	7,196	8,138	9,251
Neurobiology and neuroscience.....	1,584	2,356	2,798	4,117	4,547	4,795	4,923	5,002	5,226
Physical sciences.....	36,824	38,149	38,973	39,694	39,928	40,019	40,332	40,386	40,518
Astronomy and astrophysics.....	1,232	1,409	1,331	1,345	1,278	1,250	1,241	1,273	1,353
Chemistry.....	21,298	22,094	22,436	22,802	23,117	22,949	22,936	22,840	22,676
Physics.....	13,816	14,060	14,507	14,829	14,940	15,239	15,564	15,609	15,764
Other physical sciences.....	478	586	699	718	593	581	591	664	725
Psychology <sup>2</sup> .....	59,617	56,184	53,419	54,486	54,117	54,102	48,833	49,740	47,609
Social sciences.....	103,150	107,820	109,220	111,661	108,169	107,278	105,742	102,706	100,200
Agricultural economics.....	1,989	2,222	2,180	2,095	2,045	1,916	1,931	2,056	1,756
Economics (except agricultural).....	12,597	13,993	14,317	14,920	14,959	14,819	14,604	14,299	14,488
Geography.....	4,660	4,810	5,059	5,188	5,016	4,891	4,810	4,434	4,315
Linguistics.....	2,879	3,170	3,132	3,219	3,256	3,509	3,489	3,370	3,149
Political science and government.....	41,349	43,919	45,045	49,660	48,855	48,411	47,370	45,781	45,213
Sociology and anthropology.....	18,453	18,666	18,740	18,365	17,404	17,360	16,789	16,104	15,540
Other social sciences.....	21,223	21,404	20,747	18,214	16,634	16,372	16,749	16,662	15,739
Mathematics and computer sciences									
Mathematics and statistics.....	20,975	22,226	23,136	23,801	24,575	24,804	25,874	26,444	28,050
Mathematics and applied mathematics.....	16,528	17,204	17,589	18,157	18,577	18,323	18,863	18,737	20,028
Statistics.....	4,447	5,022	5,547	5,644	5,998	6,481	7,011	7,707	8,022
Computer sciences.....	48,246	51,161	51,546	51,234	51,789	56,339	76,546	86,192	92,650
Selected health fields <sup>3</sup> .....	103,300	85,960	76,120	65,879	65,825	62,710	64,703	67,389	64,336
Clinical medicine fields.....	22,751	24,125	25,699	26,634	26,798	26,362	27,048	28,606	27,212
Other health fields <sup>4</sup> .....	80,549	61,835	50,421	39,245	39,027	36,348	37,655	38,783	37,124

<sup>1</sup>In 2014, the survey frame was updated following a comprehensive frame evaluation study. The study identified potentially eligible but not previously surveyed academic institutions in the United States with master's- or doctorate-granting programs in science, engineering, or health. A total of 151 newly eligible institutions were added, and 2 institutions offering mostly practitioner-based graduate degrees were determined to be ineligible.

<sup>2</sup>Excludes Psy.D. (Doctor of Psychology) programs, which focus on training for clinical practice. Enrollment declines after 2007 may be due to more rigorous follow-up with institutions to exclude such programs.

<sup>3</sup>Excludes enrollments in practitioner-oriented programs, which have the primary purpose of providing the knowledge and skills required for credentials or licensure to practice in a medical or other health field. Examples of excluded clinical medicine programs are those leading to M.D. (Doctor of Medicine) and D.D.S. (Doctor of Dental Surgery) degrees.

Examples of excluded programs in other health fields are those leading to D.N.P. (Doctor of Nursing Practice) and D.P.T. (Doctor of Physical Therapy) degrees.

<sup>4</sup>For years after 2007, enrollment declines in other health fields such as nursing may be due to more rigorous follow-up with institutions to exclude enrollments in practitioner-oriented graduate degree programs.

NOTE: The survey on which this table is based includes all institutions in the United States and its territories (Guam and Puerto Rico) that grant research-based master's degrees or doctorates in science, engineering, and selected health fields.

SOURCE: National Science Foundation, National Center for Science and Engineering Statistics, NSF-NIH Survey of Graduate Students and Postdoctorates in Science and Engineering, 2007 through 2016. (This table was prepared March 2018.)

**Table 312.10. Enrollment of the 120 largest degree-granting college and university campuses, by selected characteristics and institution: Fall 2016**

Institution	State	Rank <sup>1</sup>	Control <sup>2</sup>	Level	Total enrollment	Institution	State	Rank <sup>1</sup>	Control <sup>2</sup>	Level	Total enrollment
1	2	3	4	5	6	1	2	3	4	5	6
University of Phoenix, Arizona .....	AZ	1	PrivFp	4-year	131,629	University of California, Davis .....	CA	61	Public	4-year	36,460
Western Governors University .....	UT	2	PrivNp	4-year	84,289	Iowa State University .....	IA	62	Public	4-year	36,350
Ivy Tech Community College .....	IN	3	Public	2-year	78,910	Kennesaw State University .....	GA	63	Public	4-year	35,018
Grand Canyon University .....	AZ	4	PrivFp	4-year	75,834	University of California, San Diego .....	CA	64	Public	4-year	34,979
Liberty University .....	VA	5	PrivNp	4-year	75,756	Utah Valley University .....	UT	65	Public	4-year	34,978
Southern New Hampshire University .....	NH	6	PrivNp	4-year	73,177	George Mason University .....	VA	66	Public	4-year	34,909
Lone Star College System .....	TX	7	Public	2-year	71,551	San Diego State University .....	CA	67	Public	4-year	34,688
Texas A & M University, College Station .....	TX	8	Public	4-year	65,632	Brigham Young University, Provo .....	UT	68	PrivNp	4-year	34,240
University of Central Florida .....	FL	9	Public	4-year	64,088	University of South Carolina, Columbia .....	SC	69	Public	4-year	34,099
Ohio State University, Main Campus .....	OH	10	Public	4-year	59,482	University of Colorado, Boulder .....	CO	70	Public	4-year	33,977
University of Maryland, University College .....	MD	11	Public	4-year	57,529	North Carolina State University at Raleigh .....	NC	71	Public	4-year	33,755
Houston Community College .....	TX	12	Public	2-year	57,032	South Texas College .....	TX	72	Public	4-year	33,700
Miami Dade College .....	FL	13	Public	4-year	55,206	College of Southern Nevada .....	NV	73	Public	4-year	33,556
Florida International University .....	FL	14	Public	4-year	55,003	University of Missouri, Columbia .....	MO	74	Public	4-year	33,239
Walden University .....	MN	15	PrivFp	4-year	52,565	Virginia Polytechnic Institute and State University .....	VA	75	Public	4-year	33,170
University of Florida .....	FL	16	Public	4-year	52,367	University of California, Irvine .....	CA	76	Public	4-year	32,754
Arizona State University, Tempe .....	AZ	17	Public	4-year	51,869	Boston University .....	MA	77	PrivNp	4-year	32,695
University of Minnesota, Twin Cities .....	MN	18	Public	4-year	51,579	Georgia State University .....	GA	78	Public	4-year	32,237
Tarrant County College District .....	TX	19	Public	2-year	51,350	San Jose State University .....	CA	79	Public	4-year	32,154
University of Texas at Austin .....	TX	20	Public	4-year	51,331	University of Iowa .....	IA	80	Public	4-year	32,011
Northern Virginia Community College .....	VA	21	Public	2-year	50,835	University of Utah .....	UT	81	Public	4-year	31,860
New York University .....	NY	22	PrivNp	4-year	50,550	Colorado State University, Fort Collins .....	CO	82	Public	4-year	31,856
Michigan State University .....	MI	23	Public	4-year	50,340	Louisiana State U and Agricultural & Mechanical .....	LA	83	Public	4-year	31,409
Rutgers University, New Brunswick .....	NJ	24	Public	4-year	50,146	Virginia Commonwealth University .....	VA	84	Public	4-year	30,872
Indiana University, Bloomington .....	IN	25	Public	4-year	49,695	Santa Monica College .....	CA	85	Public	4-year	30,828
American Public University System .....	WV	26	PrivFp	4-year	48,623	Florida Atlantic University .....	FL	86	Public	4-year	30,541
Pennsylvania State University, Main Campus .....	PA	27	Public	4-year	47,789	Palm Beach State College .....	FL	87	Public	4-year	30,520
University of Illinois at Urbana-Champaign .....	IL	28	Public	4-year	46,951	American River College .....	CA	88	Public	2-year	30,519
University of Washington, Seattle Campus .....	WA	29	Public	4-year	45,591	California State University, Sacramento .....	CA	89	Public	4-year	30,510
University of Texas at Arlington .....	TX	30	Public	4-year	45,282	Northern Arizona University .....	AZ	90	Public	4-year	30,361
Brigham Young University, Idaho .....	ID	31	PrivNp	4-year	44,821	Oregon State University .....	OR	91	Public	4-year	30,354
University of Michigan, Ann Arbor .....	MI	32	Public	4-year	44,718	University at Buffalo .....	NY	92	Public	4-year	30,184
Valencia College .....	FL	33	Public	4-year	44,515	Kent State University at Kent .....	OH	93	Public	4-year	30,167
University of Southern California .....	CA	34	PrivNp	4-year	43,871	Washington State University .....	WA	94	Public	4-year	30,142
University of Houston .....	TX	35	Public	4-year	43,774	University of Massachusetts, Amherst .....	MA	95	Public	4-year	30,037
Broward College .....	FL	36	Public	4-year	43,700	Saint Petersburg College .....	FL	96	Public	4-year	30,028
University of California, Los Angeles .....	CA	37	Public	4-year	43,548	Harvard University .....	MA	97	PrivNp	4-year	29,908
University of Arizona .....	AZ	38	Public	4-year	43,161	Salt Lake Community College .....	UT	98	Public	2-year	29,901
University of South Florida, Main Campus .....	FL	39	Public	4-year	42,861	Indiana University-Purdue University, Indianapolis .....	IN	99	Public	4-year	29,804
University of Wisconsin, Madison .....	WI	40	Public	4-year	42,582	University of Kentucky .....	KY	100	Public	4-year	29,781
Excelsior College .....	NY	41	PrivNp	4-year	41,658	Collin County Community College District .....	TX	101	Public	2-year	29,703
Austin Community College District .....	TX	42	Public	2-year	41,543	University of Nevada, Las Vegas .....	NV	102	Public	4-year	29,702
Purdue University, Main Campus .....	IN	43	Public	4-year	41,513	Ohio University, Main Campus .....	OH	103	Public	4-year	29,509
Ashford University .....	CA	44	PrivFp	4-year	41,361	University of North Carolina at Chapel Hill .....	NC	104	Public	4-year	29,468
Florida State University .....	FL	45	Public	4-year	41,173	El Paso Community College .....	TX	105	Public	2-year	29,460
California State University, Fullerton .....	CA	46	Public	4-year	40,235	Mount San Antonio College .....	CA	106	Public	2-year	29,446
University of California, Berkeley .....	CA	47	Public	4-year	40,154	Columbia University in the City of New York .....	NY	107	PrivNp	4-year	29,372
California State University, Northridge .....	CA	48	Public	4-year	39,916	University of Illinois at Chicago .....	IL	108	Public	4-year	29,120
Temple University .....	PA	49	Public	4-year	39,296	San Francisco State University .....	CA	109	Public	4-year	29,045
University of Maryland, College Park .....	MD	50	Public	4-year	39,083	San Jacinto Community College .....	TX	110	Public	2-year	28,998
Texas State University .....	TX	51	Public	4-year	38,808	East Carolina University .....	NC	111	Public	4-year	28,962
University of North Texas .....	TX	52	Public	4-year	38,145	University of Texas at San Antonio .....	TX	112	Public	4-year	28,959
California State University, Long Beach .....	CA	53	Public	4-year	37,776	University of North Carolina at Charlotte .....	NC	113	Public	4-year	28,721
University of Alabama .....	AL	54	Public	4-year	37,663	University of Pittsburgh, Pittsburgh Campus .....	PA	114	Public	4-year	28,664
Capella University .....	MN	55	PrivFp	4-year	37,569	Portland Community College .....	OR	115	Public	2-year	28,494
Kaplan University, Davenport Campus .....	IA	56	PrivFp	4-year	37,494	West Virginia University .....	WV	116	Public	4-year	28,488
East Los Angeles College .....	CA	57	Public	2-year	36,970	Auburn University .....	AL	117	Public	4-year	28,290
University of Cincinnati, Main Campus .....	OH	58	Public	4-year	36,596	Santa Ana College .....	CA	118	Public	4-year	28,260
University of Georgia .....	GA	59	Public	4-year	36,574	Utah State University .....	UT	119	Public	4-year	28,118
Texas Tech University .....	TX	60	Public	4-year	36,551	University of Tennessee, Knoxville .....	TN	120	Public	4-year	28,052

<sup>1</sup>College and university campuses ranked by fall 2016 enrollment data.

<sup>2</sup>"PrivNp" stands for private nonprofit. "PrivFp" stands for private for-profit.

NOTE: Degree-granting institutions grant associate's or higher degrees and participate in Title IV federal financial aid programs. Includes online and distance education courses.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), Spring 2017, Fall Enrollment component. (This table was prepared June 2018.)



**Table 312.20. Enrollment, degrees conferred, and expenditures of degree-granting postsecondary institutions enrolling more than 15,000 students in 2016, by selected characteristics and institution: Selected years, 1990 through 2015–16**

Line number	Institution	State	Control <sup>1</sup>	Level	Total fall enrollment					Fall enrollment, 2016		
					Fall 1990	Fall 2000	Fall 2010	Fall 2014	Fall 2015	Total	Sex	
					6	7	8	9	10	11	12	13
i	<b>United States, all institutions<sup>6</sup></b>	†	†	†	<b>13,818,637</b>	<b>15,312,289</b>	<b>21,019,438</b>	<b>20,209,092</b>	<b>19,988,204</b>	<b>19,841,014</b>	<b>8,635,699</b>	<b>11,205,315</b>
ii	Colleges with enrollment over 15,000	†	†	†	6,123,168	6,568,629	9,105,580	9,253,295	9,305,541	9,343,598	4,220,987	5,122,611
1	Auburn University	AL	Public	4-year	21,537	21,860	25,078	25,912	27,287	28,290	14,309	13,981
2	Columbia Southern University	AL	PrivFp	4-year	†	†	17,695	20,823	21,442	12,968	8,474	9,874
3	University of Alabama	AL	Public	4-year	19,794	19,277	30,127	36,047	37,098	37,663	16,589	21,074
4	Troy University	AL	Public	4-year	5,024	12,541	28,322	19,041	17,765	17,855	6,871	10,984
5	University of Alabama at Birmingham	AL	Public	4-year	15,356	14,951	17,543	18,698	18,333	19,535	7,590	11,945
6	University of South Alabama	AL	Public	4-year	11,584	11,673	14,776	15,805	16,211	16,443	6,516	9,927
7	University of Alaska, Anchorage	AK	Public	4-year	17,875	15,635	18,702	17,151	16,798	16,318	6,821	9,497
8	Arizona State University, Skysong <sup>7</sup>	AZ	Public	4-year	†	†	†	13,938	20,273	26,200	10,451	15,749
9	Arizona State University, Tempe <sup>7</sup>	AZ	Public	4-year	42,936	44,126	70,440	50,320	51,984	51,869	29,828	22,041
10	Glendale Community College	AZ	Public	2-year	18,512	20,091	21,373	20,506	19,871	19,000	8,760	10,240
11	Grand Canyon University	AZ	PrivFp	4-year	1,813	3,615	37,440	62,304	69,444	75,834	20,397	55,437
12	Mesa Community College	AZ	Public	2-year	19,818	22,821	26,408	22,711	21,491	20,508	9,890	10,618
13	Northern Arizona University	AZ	Public	4-year	16,992	19,964	25,197	27,705	29,021	30,361	12,014	18,347
14	Pima Community College	AZ	Public	2-year	28,766	28,078	36,823	28,070	26,880	24,956	11,711	13,245
15	Rio Salado College	AZ	Public	2-year	10,480	11,275	25,266	20,215	20,533	18,636	7,061	11,575
16	University of Arizona	AZ	Public	4-year	35,729	34,488	39,086	42,236	42,595	43,161	20,807	22,354
17	University of Phoenix, Arizona <sup>8</sup>	AZ	PrivFp	4-year	4,149	23,935	316,250	195,059	166,433	131,629	39,608	92,021
18	University of Arkansas	AR	Public	4-year	14,732	15,346	21,405	26,237	26,754	27,194	13,052	14,142
19	American River College	CA	Public	2-year	18,716	28,420	33,440	29,133	29,381	30,519	15,604	14,915
20	Ashford University	CA	PrivFp	4-year	311	616	63,096	51,237	42,452	41,361	12,104	29,257
21	Bakersfield College	CA	Public	4-year	10,776	14,466	19,569	18,698	20,448	22,710	10,124	12,586
22	California Polytechnic State U, San Luis Obispo	CA	Public	4-year	17,751	16,877	18,360	20,186	20,944	21,306	11,247	10,059
23	California State Polytechnic University, Pomona	CA	Public	4-year	19,468	18,424	20,747	23,966	23,717	25,326	13,819	11,507
24	California State University, Chico	CA	Public	4-year	16,633	15,912	15,989	17,287	17,220	17,557	8,151	9,406
25	California State University, East Bay	CA	Public	4-year	12,999	12,705	12,889	14,823	15,528	15,855	6,151	9,704
26	California State University, Fresno	CA	Public	4-year	19,960	19,056	20,932	23,179	24,136	24,405	10,081	14,324
27	California State University, Fullerton	CA	Public	4-year	25,592	28,381	35,590	38,128	38,948	40,235	17,625	22,610
28	California State University, Long Beach	CA	Public	4-year	33,987	30,918	33,416	36,809	37,446	37,776	16,103	21,673
29	California State University, Los Angeles	CA	Public	4-year	21,597	19,593	20,142	24,488	27,680	27,827	11,658	16,169
30	California State University, Northridge	CA	Public	4-year	31,167	29,066	35,272	40,131	41,548	39,916	17,977	21,939
31	California State University, Sacramento	CA	Public	4-year	26,336	25,714	27,033	29,349	30,284	30,510	13,234	17,276
32	California State University, San Bernardino	CA	Public	4-year	11,923	14,909	16,400	18,952	20,024	20,767	8,117	12,650
33	Cerritos College	CA	Public	2-year	15,886	24,536	22,142	21,774	22,043	20,979	9,545	11,434
34	Chaffey College	CA	Public	2-year	10,985	15,220	19,469	19,557	21,054	22,002	9,258	12,744
35	City College of San Francisco	CA	Public	2-year	24,408	39,386	32,966	23,610	23,391	21,189	9,949	11,240
36	College of the Canyons	CA	Public	2-year	4,815	10,528	23,332	17,148	18,437	19,966	10,708	9,258
37	Cypress College	CA	Public	2-year	11,917	21,361	16,153	15,816	16,187	15,941	7,137	8,804
38	De Anza College	CA	Public	2-year	21,948	22,770	23,630	23,104	22,512	21,716	11,021	10,695
39	Diablo Valley College	CA	Public	2-year	20,255	21,581	20,703	20,089	19,694	19,419	9,529	9,890
40	East Los Angeles College	CA	Public	2-year	12,447	27,199	35,100	36,012	37,188	36,970	18,163	18,807
41	El Camino Community College District	CA	Public	2-year	25,789	24,067	24,756	24,207	24,001	24,033	11,623	12,410
42	Foothill College	CA	Public	4-year	12,811	14,193	17,474	15,030	15,448	15,369	7,938	7,431
43	Fresno City College	CA	Public	2-year	14,710	19,351	23,902	22,307	22,697	22,925	10,833	12,092
44	Fullerton College	CA	Public	2-year	17,548	19,993	22,562	25,051	24,613	24,073	11,745	12,328
45	Glendale Community College	CA	Public	2-year	12,072	15,596	16,876	15,112	15,588	15,178	6,933	8,245
46	Grossmont College	CA	Public	2-year	15,357	16,309	19,659	18,040	18,159	18,498	7,859	10,639
47	Long Beach City College	CA	Public	2-year	18,378	20,926	26,517	24,403	24,478	24,704	11,199	13,505
48	Los Angeles City College	CA	Public	2-year	14,479	15,174	20,430	18,756	18,825	17,661	7,754	9,907
49	Los Angeles Pierce College	CA	Public	2-year	16,970	16,111	21,368	21,034	20,767	20,618	9,340	11,278
50	Los Angeles Valley College	CA	Public	2-year	16,457	17,393	20,667	18,641	18,838	18,643	7,987	10,656
51	Modesto Junior College	CA	Public	4-year	11,300	15,158	18,492	17,578	17,739	17,684	7,400	10,284
52	Mount San Antonio College	CA	Public	2-year	20,563	28,329	29,064	29,045	28,991	29,446	14,106	15,340
53	Mount San Jacinto Community College District	CA	Public	2-year	3,978	9,045	16,108	14,580	15,010	15,497	6,417	9,080
54	National University	CA	PrivNp	4-year	8,836	16,848	16,249	17,680	17,488	17,192	6,755	10,437
55	Orange Coast College	CA	Public	2-year	22,365	23,145	24,239	21,775	22,140	21,731	11,259	10,472
56	Palomar College	CA	Public	2-year	16,707	21,062	26,231	24,914	23,482	23,923	13,087	10,836
57	Pasadena City College	CA	Public	2-year	19,581	22,948	27,023	26,611	27,050	27,165	12,953	14,212
58	Rio Hondo College	CA	Public	4-year	12,048	19,506	21,782	16,263	18,367	19,220	10,975	8,245
59	Riverside City College	CA	Public	2-year	15,683	22,107	20,585	18,547	19,086	19,644	8,543	11,101
60	Sacramento City College	CA	Public	2-year	14,474	20,878	25,039	23,317	22,690	22,042	9,291	12,751
61	Saddleback College	CA	Public	2-year	14,527	18,563	24,793	20,007	19,552	19,646	8,890	10,756
62	San Diego City College	CA	Public	2-year	13,737	27,165	18,549	16,298	16,520	16,726	7,854	8,872
63	San Diego Mesa College	CA	Public	4-year	23,410	21,233	25,972	24,159	24,208	23,560	11,209	12,351
64	San Diego State University	CA	Public	4-year	35,493	31,609	30,059	33,483	34,254	34,688	15,545	19,143
65	San Francisco State University	CA	Public	4-year	29,343	26,826	29,718	29,465	30,256	29,045	12,579	16,466
66	San Joaquin Delta College	CA	Public	2-year	14,792	16,973	18,610	18,572	17,895	18,102	7,691	10,411
67	San Jose State University	CA	Public	4-year	30,334	26,698	29,076	32,713	32,773	32,154	16,445	15,709
68	Santa Ana College	CA	Public	4-year	20,532	27,571	31,377	29,590	29,808	28,260	16,988	11,272
69	Santa Barbara City College	CA	Public	2-year	11,031	13,834	18,827	17,927	17,920	16,642	7,781	8,861
70	Santa Monica College	CA	Public	4-year	18,108	27,868	31,118	30,158	30,615	30,828	14,463	16,365
71	Santa Rosa Junior College	CA	Public	2-year	20,475	27,020	24,879	23,144	22,411	21,217	9,552	11,665
72	Sierra College	CA	Public	2-year	11,637	17,517	19,986	18,565	18,218	17,833	8,131	9,702
73	Southwestern College	CA	Public	2-year	13,010	17,994	19,476	19,000	18,716	18,727	8,686	10,041
74	Stanford University	CA	PrivNp	4-year	14,724	18,549	19,535	16,963	16,980	17,184	9,950	7,234
75	University of California, Berkeley	CA	Public	4-year	30,634	31,277	35,833	37,565	38,189	40,154	20,449	20,105
76	University of California, Davis	CA	Public	4-year	23,990	26,094	31,392	34,508	35,186	36,460	15,217	21,243
77	University of California, Irvine	CA	Public	4-year	16,808	20,211	26,994	30,051	30,836	32,754	15,816	16,938

See notes at end of table.

**Table 312.20. Enrollment, degrees conferred, and expenditures of degree-granting postsecondary institutions enrolling more than 15,000 students in 2016, by selected characteristics and institution: Selected years, 1990 through 2015–16—Continued**

Fall enrollment, 2016					Full-time-equivalent enrollment		Earned degrees/certificates conferred, 2015–16					Total expenditures and deductions, 2015–16 (in thousands) <sup>2</sup>	Line number
Attendance status		Percent minority <sup>3</sup>	Student level		Fall 2015	Fall 2016	Certificates <sup>4</sup>	Associate's	Bachelor's	Master's	Doctor's <sup>5</sup>		
Full-time	Part-time		Undergraduate	Postbaccalaureate									
14	15	16	17	18	19	20	21	22	23	24	25	26	27
<b>12,126,325</b>	<b>7,714,689</b>	<b>43.1</b>	<b>16,869,212</b>	<b>2,971,802</b>	<b>15,078,504</b>	<b>14,936,408</b>	<b>685,813</b>	<b>1,008,314</b>	<b>1,920,718</b>	<b>785,595</b>	<b>177,867</b>	<b>\$559,404,615</b>	i
5,857,920	3,485,678	46.4	7,739,723	1,603,875	7,115,623	7,143,595	184,611	340,852	1,022,874	420,706	97,606	299,840,956	ii
23,582	4,708	15.5	22,658	5,632	24,582	25,380	0	0	4,420	1,186	523	938,058	1
14,833	6,609	41.5	15,530	5,912	15,752	17,429	206	1,891	3,321	1,884	15	70,941	2
32,488	5,175	20.3	32,563	5,100	33,987	34,500	0	0	6,354	1,650	449	1,006,066	3
10,635	7,220	45.0	14,144	3,711	13,089	13,447	0	322	2,227	1,201	14	251,871	4
12,691	6,844	35.7	12,369	7,166	14,305	15,308	15	0	2,205	1,618	519	2,645,905	5
13,698	2,745	32.9	11,761	4,682	14,558	14,781	86	0	1,996	1,071	288	754,840	6
7,268	9,050	38.2	15,546	772	11,284	10,896	178	858	1,177	251	1	326,262	7
10,527	15,673	34.9	20,594	5,606	13,236	16,684	14	0	2,239	1,406	54	—	8
45,976	5,893	40.0	42,477	9,392	48,256	48,255	815	0	9,050	3,128	714	2,180,524	9
6,288	12,712	54.3	19,000	+	11,129	10,556	2,201	1,944	+	+	+	107,496	10
14,544	61,290	49.9	46,297	29,537	35,000	38,303	0	0	9,810	7,977	124	647,805	11
6,404	14,104	46.0	20,508	+	11,685	11,139	2,285	2,226	+	+	+	126,997	12
23,346	7,015	37.4	26,500	3,861	24,879	26,093	518	0	5,119	1,289	133	540,332	13
7,736	17,220	58.3	24,956	+	14,794	13,517	3,226	2,705	+	+	+	187,148	14
2,391	16,245	40.5	18,636	+	8,566	7,845	4,635	667	+	+	+	96,346	15
36,054	7,107	42.8	33,694	9,467	38,929	38,815	51	0	6,915	1,923	907	1,932,261	16
131,629	0	54.0	103,711	27,918	166,433	131,629	3,978	10,307	16,242	8,790	346	1,208,468	17
21,668	5,526	20.3	22,548	4,646	23,453	23,780	1	0	4,615	1,182	292	813,987	18
6,640	23,879	54.0	30,519	+	14,607	14,657	3,980	2,643	+	+	+	179,509	19
41,359	2	56.4	35,870	5,491	42,450	41,360	0	427	9,480	3,044	0	479,028	20
6,603	16,107	80.1	22,710	0	12,105	13,103	1,172	1,090	0	0	0	144,136	21
20,340	966	39.2	20,426	880	20,361	20,720	0	0	4,421	531	0	424,176	22
21,806	3,520	79.3	23,733	1,593	21,614	23,187	0	0	4,795	512	14	353,483	23
16,005	1,552	50.0	16,471	1,086	16,303	16,617	0	0	3,682	373	0	274,203	24
12,791	3,064	80.1	13,407	2,448	13,569	13,976	0	0	3,174	1,088	16	254,863	25
20,935	3,470	76.1	21,530	2,875	21,951	22,302	0	0	4,146	846	64	355,931	26
30,607	9,628	75.4	34,576	5,659	33,398	34,365	0	0	8,039	1,868	47	527,791	27
31,110	6,666	78.3	32,345	5,431	33,412	33,705	0	0	7,780	1,735	45	514,797	28
22,170	5,657	91.2	24,074	3,753	24,524	24,386	0	0	5,329	1,582	18	361,551	29
31,253	8,663	72.9	35,756	4,160	36,027	34,664	0	0	7,714	1,962	49	559,001	30
24,811	5,699	68.7	27,951	2,559	26,325	27,070	0	0	5,577	756	37	443,782	31
17,507	3,260	84.1	18,476	2,291	18,090	18,769	0	0	3,406	754	2	281,561	32
6,765	14,214	97.0	20,979	+	12,189	11,537	853	1,613	+	+	+	172,996	33
6,023	15,979	84.0	22,002	+	10,974	11,388	1,793	2,439	+	+	+	163,094	34
5,433	15,756	76.8	21,189	+	12,214	10,723	1,599	1,548	+	+	+	367,557	35
6,352	13,614	64.1	19,966	+	10,401	10,923	1,505	1,617	+	+	+	155,902	36
5,246	10,695	81.5	15,941	+	8,923	8,837	660	1,192	+	+	+	117,941	37
10,813	10,903	78.5	21,716	+	15,139	14,474	518	1,808	+	+	+	175,307	38
7,490	11,929	60.3	19,419	+	11,682	11,495	1,170	1,645	+	+	+	129,661	39
7,838	29,132	93.6	36,970	+	17,586	17,619	3,576	2,017	+	+	+	205,461	40
8,130	15,903	87.0	24,033	+	13,346	13,469	474	2,463	+	+	+	206,674	41
4,952	10,417	65.5	15,369	0	9,415	9,156	529	1,096	0	0	0	141,143	42
7,323	15,602	77.9	22,925	+	12,580	12,561	477	1,373	+	+	+	167,927	43
7,330	16,743	78.7	24,073	+	13,674	12,951	256	1,851	+	+	+	192,430	44
6,771	8,407	49.9	15,178	+	9,926	9,594	270	742	+	+	+	150,927	45
6,418	12,080	57.8	18,498	+	10,382	10,474	1,187	1,946	+	+	+	115,262	46
9,178	15,526	86.5	24,704	+	14,524	14,391	628	1,212	+	+	+	238,313	47
4,185	13,476	82.2	17,661	+	9,440	8,709	1,177	672	+	+	+	132,771	48
5,363	15,255	70.2	20,618	+	10,852	10,485	1,486	1,755	+	+	+	138,754	49
4,127	14,516	69.2	18,643	+	9,163	9,001	1,321	1,077	+	+	+	126,153	50
5,852	11,832	62.3	17,684	0	10,676	10,627	677	1,549	0	0	0	106,086	51
10,181	19,265	89.1	29,446	+	16,599	16,649	1,275	2,211	+	+	+	303,147	52
5,778	9,719	69.6	15,497	+	8,625	9,041	153	1,882	+	+	+	119,059	53
8,568	8,624	55.7	8,319	8,873	12,014	11,920	63	151	1,992	2,982	0	217,857	54
8,561	13,170	64.8	21,731	+	13,230	12,983	2,095	2,063	+	+	+	158,366	55
7,318	16,605	59.5	23,923	+	12,995	12,893	2,294	1,941	+	+	+	200,028	56
10,524	16,641	84.7	27,165	+	16,434	16,111	567	3,963	+	+	+	225,704	57
4,012	15,208	91.9	19,220	0	9,791	10,149	448	1,283	0	0	0	133,555	58
5,383	14,261	80.0	19,644	+	9,894	10,171	734	1,852	+	+	+	154,490	59
5,484	16,558	72.4	22,042	+	11,437	11,043	475	1,576	+	+	+	139,322	60
5,907	13,739	44.6	19,646	+	10,552	10,520	2,210	1,415	+	+	+	150,536	61
3,454	13,272	77.0	16,726	+	7,996	7,910	736	812	+	+	+	118,320	62
5,829	17,731	66.7	23,560	0	13,312	12,984	341	1,338	0	0	0	130,604	63
29,756	4,932	61.1	29,860	4,828	31,026	31,668	0	0	6,840	1,790	142	559,105	64
23,415	5,630	75.9	25,945	3,100	26,634	25,637	0	0	5,696	1,096	56	468,791	65
6,644	11,458	78.8	18,102	+	10,552	10,491	527	2,406	+	+	+	177,855	66
25,323	6,831	77.4	26,432	5,722	28,329	27,996	0	0	6,011	2,961	0	455,104	67
5,147	23,113	77.7	28,260	0	15,083	14,474	2,136	2,373	0	0	0	133,645	68
6,474	10,168	55.1	16,642	+	11,069	9,888	1,656	1,850	+	+	+	174,941	69
11,304	19,524	70.6	30,828	0	19,179	19,183	1,499	3,362	0	0	0	266,363	70
6,531	14,686	48.1	21,217	+	12,008	11,462	3,156	2,197	+	+	+	189,803	71
6,482	11,351	42.5	17,833	+	10,457	10,293	534	2,594	+	+	+	143,732	72
7,405	11,322	90.9	18,727	+	11,144	11,206	576	1,671	+	+	+	174,615	73
16,080	1,104	50.9	7,034	10,150	16,237	16,502	0	0	1,746	2,328	1,032	4,914,610	74
37,321	2,833	62.3	29,310	10,844	36,803	38,396	0	0	7,457	2,667	967	2,712,640	75
35,109	1,351	63.6	29,379	7,081	34,333	35,632	0	0	7,560	1,225	888	4,323,821	76
31,981	773	77.8	27,331	5,423	30,352	32,279	0	0	6,570	1,518	614	2,760,415	77

See notes at end of table.

**Table 312.20. Enrollment, degrees conferred, and expenditures of degree-granting postsecondary institutions enrolling more than 15,000 students in 2016, by selected characteristics and institution: Selected years, 1990 through 2015–16—Continued**

Line number	Institution	State	Control <sup>1</sup>	Level	Total fall enrollment					Fall enrollment, 2016		
					Fall 1990	Fall 2000	Fall 2010	Fall 2014	Fall 2015	Total	Sex	
					6	7	8	9	10	11	12	13
78	University of California, Los Angeles .....	CA	Public	4-year	36,420	36,890	38,157	41,845	41,908	43,548	20,268	23,280
79	University of California, Riverside .....	CA	Public	4-year	8,708	13,015	20,692	21,498	21,385	22,715	10,881	11,834
80	University of California, San Diego .....	CA	Public	4-year	17,790	20,197	29,176	30,709	32,906	34,979	18,807	16,172
81	University of California, Santa Barbara .....	CA	Public	4-year	18,385	19,962	22,218	23,051	23,497	24,346	11,625	12,721
82	University of California, Santa Cruz .....	CA	Public	4-year	10,054	12,144	17,187	17,866	17,868	18,783	9,388	9,395
83	University of Southern California .....	CA	PrivNp	4-year	28,374	29,194	36,896	42,453	43,401	43,871	20,621	23,250
84	Colorado State University, Fort Collins .....	CO	Public	4-year	26,828	26,807	30,155	31,354	30,614	31,856	15,238	16,618
85	Colorado Technical University, Colorado Springs .....	CO	PrivFp	4-year	1,248	3,074	34,876	23,943	24,946	25,548	9,801	15,747
86	Front Range Community College .....	CO	Public	2-year	9,706	12,962	20,092	18,761	18,747	18,966	8,262	10,704
87	Metropolitan State University of Denver .....	CO	Public	4-year	17,400	17,688	23,948	21,674	20,676	20,474	9,386	11,088
88	University of Colorado, Boulder .....	CO	Public	4-year	28,600	29,352	32,697	32,432	33,056	33,977	18,983	14,994
89	University of Colorado, Denver-Anschutz Medical Campus ..	CO	Public	4-year	11,512	13,737	24,108	22,791	23,671	23,960	10,164	13,796
90	University of Connecticut .....	CT	Public	4-year	25,497	19,393	25,498	26,541	27,043	27,721	13,712	14,009
91	University of Delaware .....	DE	Public	4-year	20,818	19,072	21,177	22,680	22,852	23,009	10,024	12,985
92	Wilmington University .....	DE	PrivNp	4-year	1,796	5,298	10,101	14,467	15,002	15,316	5,737	9,579
93	George Washington University .....	DC	PrivNp	4-year	19,103	20,527	25,135	25,613	26,212	27,159	11,267	15,892
94	Georgetown University .....	DC	PrivNp	4-year	11,525	12,427	16,937	17,858	18,459	18,525	8,518	10,007
95	Broward College .....	FL	Public	4-year	24,365	27,389	40,375	44,119	43,078	43,700	17,867	25,833
96	Eastern Florida State College .....	FL	Public	4-year	14,319	13,265	18,096	15,593	15,925	15,825	6,409	9,416
97	Florida Atlantic University .....	FL	Public	4-year	12,767	21,046	28,270	30,297	30,380	30,541	13,246	17,295
98	Florida International University .....	FL	Public	4-year	22,466	31,945	42,197	49,610	49,782	55,003	23,753	31,250
99	Florida SouthWestern State College .....	FL	Public	4-year	8,919	8,919	16,951	15,389	15,709	16,627	6,417	10,210
100	Florida State College at Jacksonville .....	FL	Public	4-year	20,974	20,838	28,642	25,514	26,164	24,078	9,585	14,493
101	Florida State University .....	FL	Public	4-year	28,170	33,971	40,416	41,226	40,830	41,173	18,305	22,868
102	Full Sail University .....	FL	PrivFp	2-year	†	1,910	15,995	19,285	20,025	19,443	13,801	5,642
103	Hillsborough Community College .....	FL	Public	2-year	19,134	18,497	27,955	27,298	26,571	27,061	11,582	15,479
104	Indian River State College .....	FL	Public	4-year	12,774	13,186	17,511	17,665	18,204	18,244	7,244	11,000
105	Keiser University, Fort Lauderdale .....	FL	PrivNp	4-year	104	3,086	16,968	19,110	16,579	19,688	6,119	13,569
106	Miami Dade College .....	FL	Public	4-year	50,078	46,834	61,674	66,046	62,332	55,206	23,611	31,595
107	Nova Southeastern University .....	FL	PrivNp	4-year	9,562	18,587	28,741	24,148	23,236	21,625	6,568	15,057
108	Palm Beach State College .....	FL	Public	4-year	18,392	17,326	29,534	28,517	29,616	30,520	12,894	17,626
109	Santa Fe College .....	FL	Public	4-year	11,053	12,464	15,745	15,055	14,767	15,404	7,043	8,361
110	Seminole State College of Florida .....	FL	Public	4-year	7,799	9,042	18,028	18,399	17,741	17,706	7,833	9,873
111	Saint Petersburg College .....	FL	Public	4-year	20,012	19,900	31,793	32,681	31,767	30,028	11,880	18,148
112	Ultimate Medical Academy, Tampa .....	FL	PrivNp	2-year	†	†	4,078	12,519	13,372	16,411	955	15,456
113	University of Central Florida .....	FL	Public	4-year	21,541	33,713	56,106	60,767	62,953	64,088	28,931	35,157
114	University of Florida .....	FL	Public	4-year	35,477	45,114	49,827	49,459	50,645	52,367	23,898	28,469
115	University of Miami .....	FL	PrivNp	4-year	13,841	13,963	15,657	16,674	16,785	16,744	8,091	6,683
116	University of North Florida .....	FL	Public	4-year	8,021	12,550	16,153	15,984	15,675	15,762	6,797	8,965
117	University of South Florida, Main Campus .....	FL	Public	4-year	32,326	35,561	40,431	41,938	42,067	42,861	19,485	23,376
118	Valencia College .....	FL	Public	4-year	18,438	27,565	41,583	43,217	44,050	44,515	19,512	25,003
119	Georgia Institute of Technology, Main Campus .....	GA	Public	4-year	12,241	14,805	20,720	23,109	25,034	26,839	18,556	8,283
120	Georgia Southern University .....	GA	Public	4-year	12,249	14,184	19,691	20,517	20,459	20,673	9,753	10,920
121	Georgia State University .....	GA	Public	4-year	23,336	23,625	31,533	32,556	32,058	32,237	13,081	19,156
122	Georgia State University, Perimeter College .....	GA	Public	2-year	13,944	13,708	25,113	21,371	21,088	18,727	7,594	11,133
123	Kennesaw State University .....	GA	Public	4-year	14,025	16,906	28,966	32,500	33,252	35,018	17,845	17,173
124	University of Georgia .....	GA	Public	4-year	28,395	31,288	34,677	35,197	36,130	36,574	15,584	20,990
125	University of North Georgia .....	GA	Public	4-year	5,000	6,870	14,796	16,064	17,289	18,219	8,023	10,196
126	University of Hawaii at Manoa .....	HI	Public	4-year	18,799	17,263	20,337	19,507	18,865	18,056	7,832	10,224
127	Boise State University .....	ID	Public	4-year	13,367	16,287	19,992	22,227	22,086	23,854	10,608	13,246
128	Brigham Young University, Idaho .....	ID	PrivNp	4-year	7,795	8,949	14,933	36,624	43,803	44,821	19,061	25,760
129	Chamberlain College of Nursing, Illinois .....	IL	PrivFp	4-year	†	†	1,505	18,665	23,250	25,569	2,507	23,062
130	College of DuPage .....	IL	Public	2-year	29,185	28,862	26,722	29,476	28,678	26,901	12,758	14,143
131	DePaul University .....	IL	PrivNp	4-year	15,711	20,548	25,145	23,799	23,539	23,110	10,975	12,135
132	DeVry University, Illinois .....	IL	PrivFp	4-year	5,089	6,686	40,859	24,220	22,273	19,340	7,843	11,497
133	Illinois State University .....	IL	Public	4-year	22,662	20,755	21,134	20,615	20,760	21,039	9,164	11,875
134	Joliet Junior College .....	IL	Public	2-year	9,645	11,334	15,676	15,776	14,944	15,383	7,052	8,331
135	Loyola University Chicago .....	IL	PrivNp	4-year	14,780	12,605	15,951	15,902	16,437	16,422	5,587	10,835
136	Moraine Valley Community College .....	IL	Public	2-year	13,601	12,972	17,387	15,286	15,016	15,021	7,254	7,767
137	Northern Illinois University .....	IL	Public	4-year	24,509	23,248	23,850	20,611	20,130	19,015	9,440	9,575
138	Northwestern University .....	IL	PrivNp	4-year	17,041	16,952	20,481	21,554	21,655	21,823	11,336	10,487
139	Southern Illinois University, Carbondale .....	IL	Public	4-year	24,078	22,552	20,037	17,989	17,292	15,987	8,583	7,404
140	University of Chicago .....	IL	PrivNp	4-year	10,867	12,531	15,152	15,097	15,391	15,775	8,853	6,922
141	University of Illinois at Chicago .....	IL	Public	4-year	24,959	24,942	27,850	27,969	29,048	29,120	13,719	15,401
142	University of Illinois at Urbana-Champaign .....	IL	Public	4-year	38,163	38,465	43,862	45,140	45,842	46,951	25,470	21,481
143	Ball State University .....	IN	Public	4-year	20,343	19,004	22,083	20,655	21,196	21,998	8,256	13,742
144	Indiana University, Bloomington .....	IN	Public	4-year	35,451	37,076	42,464	46,416	48,514	49,695	24,920	24,775
145	Indiana University-Purdue University, Indianapolis .....	IN	Public	4-year	27,517	27,525	30,566	30,690	30,105	29,804	13,114	16,690
146	Ivy Tech Community College .....	IN	Public	2-year	4,871	6,748	20,847	91,179	81,669	78,910	33,843	45,067
147	Purdue University, Main Campus .....	IN	Public	4-year	37,588	39,667	41,063	39,752	40,472	41,513	20,092	17,421
148	Vincennes University .....	IN	Public	4-year	9,162	9,169	16,595	19,205	18,711	18,897	10,216	8,681
149	Des Moines Area Community College .....	IA	Public	2-year	10,553	10,998	24,658	23,526	22,298	22,446	10,291	12,155
150	Iowa State University .....	IA	Public	4-year	25,737	26,845	28,682	34,435	35,714	36,350	20,703	15,647
151	Kaplan University, Davenport Campus .....	IA	PrivFp	4-year	641	376	77,966	52,018	45,355	37,494	10,287	27,207
152	University of Iowa .....	IA	Public	4-year	28,785	28,311	29,518	29,970	30,844	32,011	15,346	16,665

See notes at end of table.

**Table 312.20. Enrollment, degrees conferred, and expenditures of degree-granting postsecondary institutions enrolling more than 15,000 students in 2016, by selected characteristics and institution: Selected years, 1990 through 2015–16—Continued**

Fall enrollment, 2016					Full-time-equivalent enrollment		Earned degrees/certificates conferred, 2015–16					Total expenditures and deductions, 2015–16 (in thousands) <sup>2</sup>	Line number
Attendance status		Percent minority <sup>3</sup>	Student level		Fall 2015	Fall 2016	Certificates <sup>4</sup>	Associate's	Bachelor's	Master's	Doctor's <sup>5</sup>		
Full-time	Part-time		Undergraduate	Postbaccalaureate									
14	15	16	17	18	19	20	21	22	23	24	25	26	27
42,011	1,537	64.2	30,873	12,675	41,031	42,589	0	0	8,105	3,035	1,373	7,196,367	78
22,285	430	83.4	19,799	2,916	21,102	22,451	0	0	4,392	609	239	855,433	79
33,821	1,158	70.4	28,127	6,852	32,296	34,271	0	0	6,203	1,325	729	4,344,821	80
23,803	543	59.5	21,574	2,772	23,180	24,015	0	0	5,235	610	346	984,450	81
18,249	534	63.5	16,962	1,821	17,581	18,461	0	0	4,016	378	174	711,632	82
37,900	5,971	54.7	18,794	25,077	39,636	40,187	0	0	5,138	7,909	1,593	4,179,379	83
25,113	6,743	21.5	25,177	6,679	26,471	27,686	0	0	4,820	1,751	378	1,049,133	84
16,289	9,259	51.8	22,202	3,346	15,503	19,923	0	1,376	2,451	1,572	99	266,311	85
5,406	13,560	29.2	18,966	†	9,957	9,959	2,664	2,002	†	†	†	118,619	86
12,792	7,682	40.6	19,940	534	15,853	15,882	78	0	3,236	182	0	194,982	87
28,386	5,591	24.4	27,901	6,076	29,593	30,496	0	0	5,497	1,167	590	1,401,551	88
12,739	11,221	37.1	14,622	9,338	16,667	17,052	0	0	2,166	2,162	678	1,850,730	89
24,410	3,311	31.4	19,324	8,397	24,949	25,636	0	24	5,197	1,794	745	2,346,027	90
20,760	2,249	23.2	19,215	3,794	21,455	21,635	0	288	4,018	868	315	949,917	91
5,694	9,622	38.5	8,862	6,454	9,208	9,429	0	69	1,952	2,420	80	100,885	92
18,269	8,890	37.7	11,504	15,655	20,956	21,677	383	192	2,441	4,109	1,105	1,247,717	93
14,440	4,085	32.5	7,453	11,072	16,155	16,005	14	0	1,827	3,623	968	1,412,062	94
12,891	30,809	79.9	43,700	0	25,109	25,324	6,325	6,288	528	0	0	277,538	95
5,524	10,301	31.2	15,825	0	9,609	9,681	1,298	2,795	150	0	0	112,557	96
18,387	12,154	54.6	25,402	5,139	22,952	23,166	0	325	5,639	1,322	182	516,013	97
32,830	22,173	88.4	45,856	9,147	38,962	41,668	0	68	9,076	3,104	484	917,619	98
5,730	10,897	47.6	16,627	0	9,555	10,127	244	1,990	260	0	0	95,446	99
7,246	16,832	44.4	24,078	0	14,964	14,038	3,098	4,199	732	0	0	187,296	100
35,201	5,972	34.4	32,933	8,240	37,339	37,514	0	192	8,626	2,064	716	1,119,618	101
19,443	0	54.9	17,564	1,879	20,025	19,443	522	133	3,230	986	0	312,956	102
10,924	16,137	59.6	27,061	†	15,939	16,342	1,595	3,565	†	†	†	178,565	103
6,138	12,106	43.4	18,244	0	10,851	11,023	1,520	2,839	706	0	0	128,677	104
12,276	7,412	61.9	18,172	1,516	12,219	15,180	0	3,370	1,267	303	25	356,642	105
21,075	34,131	93.2	55,206	0	39,896	34,848	1,776	10,366	1,209	0	0	478,107	106
13,575	8,050	63.9	4,295	17,330	16,979	16,664	0	2	1,342	3,524	1,804	593,382	107
8,151	22,369	63.1	30,520	0	17,031	17,178	2,403	4,220	303	0	0	170,573	108
6,530	8,874	41.0	15,404	0	9,702	10,111	565	2,873	202	0	0	101,245	109
5,937	11,769	48.9	17,706	0	10,735	10,686	3,249	3,139	240	0	0	110,373	110
7,936	22,092	34.4	30,028	0	18,367	16,851	1,800	4,545	1,216	0	0	222,187	111
13,017	3,394	66.5	16,411	†	10,001	14,365	6,218	3,453	†	†	†	223,731	112
42,467	21,621	46.8	55,723	8,365	49,974	51,008	0	469	12,832	2,217	440	973,983	113
43,825	8,542	38.9	34,554	17,813	45,675	47,063	0	380	8,215	3,812	1,941	2,736,255	114
15,412	1,332	50.0	10,792	5,952	15,906	15,928	10	0	2,601	1,265	799	2,833,402	115
10,489	5,273	31.1	13,846	1,916	12,477	12,569	0	230	3,255	580	42	274,116	116
30,700	12,161	43.8	31,461	11,400	34,851	35,411	0	226	7,875	2,940	703	1,207,248	117
16,176	28,339	66.9	44,515	0	27,522	27,612	4,890	7,395	62	0	0	250,715	118
20,070	6,769	40.5	15,489	11,350	21,590	22,589	0	0	3,419	2,296	531	1,454,392	119
17,122	3,551	35.8	18,005	2,668	18,278	18,492	0	0	3,200	801	50	350,711	120
24,458	7,779	68.8	25,228	7,009	27,108	27,523	99	0	4,712	2,112	469	700,105	121
6,743	11,984	71.9	18,727	†	11,948	10,766	4	1,958	†	†	†	146,976	122
25,253	9,765	40.6	32,166	2,852	27,599	29,109	14	1	4,686	973	34	474,752	123
33,006	3,568	27.2	27,951	8,623	33,911	34,365	634	0	6,991	1,620	967	1,399,477	124
12,717	5,502	22.2	17,704	515	14,056	14,922	27	881	1,689	156	30	188,686	125
13,553	4,503	78.7	13,132	4,924	15,978	15,276	49	0	3,600	1,077	378	1,034,575	126
13,311	10,543	20.5	20,186	3,668	16,542	17,451	127	145	3,033	670	18	366,620	127
16,538	28,283	12.2	44,821	0	27,495	27,649	0	1,656	4,178	0	0	261,291	128
3,067	22,502	35.5	15,864	9,705	11,285	11,806	0	0	6,238	1,429	160	164,522	129
9,004	17,897	45.2	26,901	†	16,145	15,013	2,604	2,746	†	†	†	257,683	130
18,320	4,790	41.1	15,407	7,703	20,615	20,175	20	0	3,750	2,341	270	530,593	131
5,203	14,137	47.7	14,471	4,869	12,664	10,712	131	975	2,568	2,110	0	152,641	132
18,694	2,345	23.1	18,643	2,396	19,237	19,592	0	0	4,385	732	66	560,476	133
5,130	10,253	42.3	15,383	†	8,556	8,572	865	1,607	†	†	†	144,272	134
14,286	2,136	37.7	11,129	5,293	14,781	15,110	60	0	2,235	1,551	504	528,619	135
6,329	8,692	42.5	15,021	†	9,288	9,247	1,041	2,004	†	†	†	132,729	136
14,616	4,399	38.1	14,079	4,936	17,279	16,280	0	0	3,481	1,545	250	579,579	137
17,475	4,348	39.8	8,791	13,032	18,900	19,142	192	0	2,328	3,907	969	2,166,154	138
12,918	3,069	31.3	12,182	3,805	15,235	14,096	0	91	3,171	1,035	364	812,381	139
13,316	2,459	40.4	6,001	9,774	13,902	14,255	0	0	1,465	2,727	692	3,486,829	140
24,509	4,611	58.9	17,959	11,161	26,065	26,237	0	0	3,912	2,359	1,051	2,854,721	141
42,453	4,498	41.2	33,932	13,019	43,291	44,138	0	0	7,953	3,393	1,015	2,591,166	142
16,389	5,609	16.7	17,011	4,987	18,029	18,497	6	63	3,269	1,542	70	489,965	143
38,398	11,297	20.8	39,184	10,511	42,083	42,784	121	8	7,316	2,485	728	1,537,007	144
22,048	7,756	25.9	21,748	8,056	24,899	25,036	558	108	4,026	1,677	805	1,194,431	145
23,239	55,671	23.3	78,910	†	44,434	41,930	10,092	9,291	†	†	†	562,320	146
35,884	5,629	21.4	31,105	10,408	37,077	37,995	410	63	7,072	1,879	959	1,705,370	147
5,630	13,267	24.2	18,897	0	10,994	10,984	1,105	1,724	165	0	0	125,330	148
6,644	15,802	20.6	22,446	†	12,090	11,949	1,132	2,226	†	†	†	141,037	149
32,300	4,050	15.3	30,671	5,679	33,715	33,840	0	0	6,059	1,027	463	1,198,261	150
7,699	29,795	50.7	28,995	8,499	23,365	19,355	424	3,296	4,241	2,881	129	442,762	151
25,624	6,387	20.1	24,476	7,535	27,016	28,085	0	0	4,796	1,264	902	3,112,120	152

See notes at end of table.

**Table 312.20. Enrollment, degrees conferred, and expenditures of degree-granting postsecondary institutions enrolling more than 15,000 students in 2016, by selected characteristics and institution: Selected years, 1990 through 2015–16—Continued**

Line number	Institution	State	Control <sup>1</sup>	Level	Total fall enrollment					Fall enrollment, 2016		
					Fall 1990	Fall 2000	Fall 2010	Fall 2014	Fall 2015	Total	Sex	
					6	7	8	9	10	11	12	13
153	Johnson County Community College .....	KS	Public	2-year	13,740	16,383	20,865	19,429	19,091	19,139	8,963	10,176
154	Kansas State University .....	KS	Public	4-year	21,137	21,929	23,588	24,766	24,146	23,779	12,093	11,686
155	University of Kansas .....	KS	Public	4-year	26,434	25,920	28,697	27,180	27,259	27,565	13,032	14,533
156	Eastern Kentucky University .....	KY	Public	4-year	15,290	13,285	16,567	16,305	16,844	16,881	7,014	9,867
157	University of Kentucky .....	KY	Public	4-year	22,538	23,114	27,108	29,203	29,727	29,781	13,555	16,226
158	University of Louisville .....	KY	Public	4-year	22,979	19,771	21,234	21,561	21,294	21,578	10,538	11,040
159	Western Kentucky University .....	KY	Public	4-year	15,170	15,481	20,897	20,171	20,063	20,271	8,326	11,945
160	Delgado Community College .....	LA	Public	2-year	12,323	13,463	18,767	17,152	16,131	15,110	4,820	10,290
161	Louisiana State U and Agricultural & Mechanical .....	LA	Public	4-year	26,112	31,527	29,451	31,044	31,524	31,409	14,884	16,525
162	University of Louisiana at Lafayette .....	LA	Public	4-year	15,764	15,742	16,763	17,195	17,508	17,519	7,505	10,014
163	Johns Hopkins University .....	MD	PrivNp	4-year	13,363	17,774	20,977	21,372	22,686	23,917	11,325	12,592
164	Montgomery College .....	MD	Public	2-year	14,361	20,923	26,015	25,517	25,320	23,916	11,255	12,661
165	Community College of Baltimore County .....	MD	Public	2-year	†	18,168	26,425	22,887	22,179	21,193	8,347	12,846
166	Towson University .....	MD	Public	4-year	15,035	16,729	21,840	22,285	22,101	22,343	8,560	13,783
167	University of Maryland, College Park .....	MD	Public	4-year	34,829	33,189	37,641	37,610	38,140	39,003	20,667	18,416
168	University of Maryland, University College .....	MD	Public	4-year	14,476	18,276	39,577	47,906	50,248	57,529	31,075	26,454
169	Boston University .....	MA	PrivNp	4-year	27,996	28,318	32,179	32,112	32,158	32,695	13,470	19,225
170	Harvard University .....	MA	PrivNp	4-year	22,851	24,279	27,594	28,791	29,652	29,652	15,290	14,618
171	Northeastern University .....	MA	PrivNp	4-year	30,510	23,897	29,519	19,798	19,940	20,381	10,460	9,921
172	University of Massachusetts, Amherst .....	MA	Public	4-year	26,025	24,416	27,569	28,635	29,269	30,037	15,194	14,843
173	University of Massachusetts, Boston .....	MA	Public	4-year	13,723	13,346	15,454	16,756	17,030	16,847	7,277	9,570
174	University of Massachusetts, Lowell .....	MA	Public	4-year	14,259	12,189	14,702	17,179	18,047	17,849	10,785	7,064
175	Baker College .....	MI	PrivNp	4-year	6,337	18,758	43,842	28,024	25,917	21,210	7,019	14,191
176	Central Michigan University .....	MI	Public	4-year	18,286	26,845	28,292	26,879	26,825	25,986	11,060	14,926
177	Eastern Michigan University .....	MI	Public	4-year	25,011	23,561	23,565	22,401	21,824	21,246	8,427	12,819
178	Grand Valley State University .....	MI	Public	4-year	11,725	18,569	24,541	25,094	25,325	25,460	10,272	15,188
179	Macomb Community College .....	MI	Public	2-year	31,538	22,001	24,468	22,914	22,182	21,734	10,307	11,427
180	Michigan State University .....	MI	Public	4-year	44,307	43,366	46,985	50,081	50,538	50,340	24,304	26,036
181	Oakland Community College .....	MI	Public	2-year	28,069	23,188	28,925	24,031	20,409	18,923	8,394	10,529
182	Oakland University .....	MI	Public	4-year	12,400	15,235	19,053	20,519	20,261	20,012	8,696	11,316
183	University of Michigan, Ann Arbor .....	MI	Public	4-year	36,391	38,103	41,924	43,625	43,651	44,718	22,929	21,789
184	Wayne County Community College District .....	MI	Public	2-year	11,986	9,008	21,198	16,310	16,654	16,822	5,936	10,886
185	Wayne State University .....	MI	Public	4-year	33,872	30,408	31,505	27,578	27,140	27,238	12,289	14,949
186	Western Michigan University .....	MI	Public	4-year	26,989	28,657	25,045	23,914	23,529	23,227	11,302	11,925
187	Capella University .....	MN	PrivFp	4-year	†	36	39,457	35,061	37,074	37,569	8,493	29,076
188	Minnesota State University, Mankato .....	MN	Public	4-year	16,575	12,842	15,435	15,387	15,313	15,165	6,942	8,223
189	Saint Cloud State University .....	MN	Public	4-year	17,075	15,181	18,650	16,076	16,096	15,744	7,221	8,523
190	University of Minnesota, Twin Cities .....	MN	Public	4-year	57,168	45,481	51,721	51,147	50,678	51,579	24,601	26,978
191	Walden University .....	MN	PrivFp	4-year	422	1,544	47,456	52,188	52,799	52,565	12,480	40,085
192	Mississippi State University .....	MS	Public	4-year	14,391	16,561	19,644	20,138	20,873	21,622	10,917	10,705
193	University of Mississippi .....	MS	Public	4-year	12,925	13,792	19,537	22,503	23,212	23,610	10,273	13,337
194	Columbia College .....	MO	PrivNp	4-year	4,214	7,948	16,962	16,567	14,759	16,413	6,955	9,458
195	Metropolitan Community College, Kansas City .....	MO	Public	2-year	20,156	17,777	21,244	18,222	17,821	15,790	6,651	9,139
196	Missouri State University, Springfield .....	MO	Public	4-year	19,480	17,703	20,383	21,816	22,273	23,538	9,723	13,815
197	Saint Louis Community College .....	MO	Public	2-year	32,347	6,749	8,716	21,218	18,902	19,052	7,579	11,473
198	Saint Louis University .....	MO	PrivNp	4-year	12,891	13,847	17,709	17,052	17,047	16,591	6,676	9,915
199	University of Missouri, Columbia .....	MO	Public	4-year	25,058	23,309	32,341	35,425	35,424	33,239	15,562	17,677
200	University of Missouri, Kansas City .....	MO	Public	4-year	11,263	12,762	15,259	16,146	16,685	16,936	7,463	9,473
201	University of Missouri, Saint Louis .....	MO	Public	4-year	15,393	15,397	16,791	17,072	16,738	16,989	6,958	10,031
202	Washington University in St Louis .....	MO	PrivNp	4-year	11,990	12,118	13,820	14,348	14,688	15,047	7,300	7,747
203	Montana State University .....	MT	Public	4-year	10,392	11,666	13,081	14,982	15,236	16,359	8,266	7,533
204	University of Nebraska, Omaha .....	NE	Public	4-year	15,804	13,479	14,665	15,227	15,526	15,627	7,271	8,356
205	University of Nebraska, Lincoln .....	NE	Public	4-year	24,453	22,268	24,610	25,006	25,260	25,897	13,377	12,520
206	College of Southern Nevada .....	NV	Public	4-year	14,161	29,905	42,747	35,943	33,313	33,556	14,211	19,345
207	University of Nevada, Las Vegas .....	NV	Public	4-year	17,937	22,041	28,203	28,515	28,600	29,702	12,771	16,931
208	University of Nevada, Reno .....	NV	Public	4-year	11,487	13,149	17,680	19,934	20,898	21,353	10,016	11,337
209	Southern New Hampshire University .....	NH	PrivNp	4-year	6,403	4,584	8,034	43,274	61,012	73,177	26,442	46,735
210	University of New Hampshire, Main Campus .....	NH	Public	4-year	13,260	14,689	15,095	15,117	15,351	15,188	6,881	8,307
211	Montclair State University .....	NJ	Public	4-year	13,067	13,502	18,402	20,022	20,465	20,987	7,703	13,284
212	Rowan University .....	NJ	Public	4-year	9,668	9,364	11,300	14,778	16,155	17,372	8,917	8,455
213	Rutgers University, New Brunswick .....	NJ	Public	4-year	33,016	35,236	38,912	48,378	49,428	50,146	23,415	26,731
214	Central New Mexico Community College .....	NM	Public	2-year	9,739	17,265	29,948	26,771	25,805	24,781	10,598	14,183
215	University of New Mexico, Main Campus .....	NM	Public	4-year	23,950	23,670	28,688	27,844	27,285	26,999	12,088	14,911
216	CUNY Bernard M Baruch College .....	NY	Public	4-year	15,849	15,698	17,063	18,090	18,433	18,286	9,071	9,215
217	CUNY Borough of Manhattan Community College .....	NY	Public	2-year	14,819	15,875	22,534	26,606	27,309	26,748	11,414	15,334
218	CUNY Brooklyn College .....	NY	Public	4-year	16,605	15,039	16,912	17,390	17,410	17,580	7,019	10,561
219	CUNY City College .....	NY	Public	4-year	14,085	11,055	15,416	15,579	15,778	16,048	7,708	8,340
220	CUNY Hunter College .....	NY	Public	4-year	19,639	20,011	22,407	23,112	22,918	22,993	7,367	15,626
221	CUNY Kingsborough Community College .....	NY	Public	2-year	13,809	14,801	18,606	17,758	17,032	15,968	7,245	8,723
222	CUNY LaGuardia Community College .....	NY	Public	2-year	9,167	11,778	17,569	20,231	19,582	19,456	8,212	11,244
223	CUNY New York City College of Technology .....	NY	Public	4-year	10,908	11,028	15,366	17,374	17,424	17,282	9,584	7,698
224	CUNY Queens College .....	NY	Public	4-year	18,072	15,061	20,906	19,310	19,520	19,632	8,295	11,337
225	CUNY Queensborough Community College .....	NY	Public	2-year	12,184	10,598	15,316	16,182	15,493	15,569	7,202	8,367
226	Columbia University in the City of New York .....	NY	PrivNp	4-year	18,242	19,639	25,208	27,589	28,086	29,372	14,351	15,021

See notes at end of table.

**Table 312.20. Enrollment, degrees conferred, and expenditures of degree-granting postsecondary institutions enrolling more than 15,000 students in 2016, by selected characteristics and institution: Selected years, 1990 through 2015–16—Continued**

Fall enrollment, 2016					Full-time-equivalent enrollment		Earned degrees/certificates conferred, 2015–16					Total expenditures and deductions, 2015–16 (in thousands) <sup>2</sup>	Line number
Attendance status		Percent minority <sup>3</sup>	Student level		Fall 2015	Fall 2016	Certificates <sup>4</sup>	Associate's	Bachelor's	Master's	Doctor's <sup>5</sup>		
Full-time	Part-time		Undergraduate	Postbaccalaureate									
14	15	16	17	18	19	20	21	22	23	24	25	26	27
6,066	13,073	25.3	19,139	†	10,445	10,455	1,256	1,755	†	†	†	180,685	153
20,156	3,623	17.0	19,472	4,307	21,781	21,540	112	22	3,816	990	294	777,333	154
23,006	4,559	22.0	19,262	8,303	24,656	24,744	9	0	4,158	1,493	889	1,191,337	155
11,822	5,059	12.0	14,293	2,588	13,972	13,789	90	189	2,547	826	40	310,184	156
26,682	3,099	19.1	22,621	7,160	28,014	27,878	73	0	4,540	1,235	863	2,934,862	157
16,521	5,057	23.8	15,826	5,752	18,202	18,492	44	26	2,704	1,344	539	1,020,626	158
14,161	6,110	17.3	17,595	2,676	16,482	16,557	117	198	2,817	825	56	344,574	159
5,451	9,659	66.7	15,110	†	9,850	8,694	2,215	1,385	†	†	†	122,231	160
27,389	4,020	25.5	26,118	5,291	29,278	28,965	0	0	4,806	1,134	600	1,119,599	161
13,809	3,710	30.4	15,998	1,521	15,301	15,282	0	0	2,820	428	66	296,305	162
13,963	9,954	42.6	6,042	17,875	17,205	17,770	0	0	1,689	5,005	660	5,332,285	163
8,493	15,423	73.4	23,916	†	14,406	13,671	288	2,553	†	†	†	344,282	164
6,105	15,088	56.5	21,193	†	11,733	11,171	647	2,174	†	†	†	212,791	165
17,974	4,369	36.8	19,198	3,145	19,468	19,651	0	0	4,428	974	30	391,144	166
34,444	4,639	43.8	28,472	10,611	35,264	36,210	74	0	7,253	2,835	628	1,819,935	167
9,629	47,900	56.4	44,219	13,310	24,923	28,406	470	1,474	5,638	3,669	46	359,513	168
26,340	6,355	38.6	17,944	14,751	28,366	28,782	412	0	4,230	4,373	1,216	1,721,213	169
20,591	9,317	42.1	9,915	19,993	24,072	24,181	0	8	1,810	4,350	1,512	4,700,225	170
19,497	884	35.2	13,473	6,908	19,373	19,835	0	0	4,000	2,086	600	1,043,002	171
23,746	6,291	25.3	23,373	6,664	25,553	26,102	270	44	5,843	1,338	337	1,134,000	172
10,718	6,129	50.3	12,847	4,000	13,196	13,084	20	0	2,564	936	61	418,275	173
11,313	6,536	30.2	13,637	4,212	13,775	13,828	97	41	2,333	1,037	137	419,550	174
8,758	12,452	23.8	20,705	505	16,394	13,647	351	2,697	1,870	0	0	168,777	175
19,252	6,734	22.4	19,877	6,109	22,434	21,800	0	0	3,973	1,797	115	449,003	176
13,882	7,364	31.3	17,682	3,564	17,107	16,747	0	0	3,333	1,232	45	361,947	177
21,095	4,365	16.2	22,209	3,251	22,534	22,780	50	0	4,364	1,072	66	444,883	178
6,468	15,266	23.1	21,734	†	12,027	11,593	440	2,586	†	†	†	159,449	179
43,695	6,645	22.2	39,090	11,250	46,528	46,251	117	0	8,924	2,246	1,152	2,335,391	180
5,104	13,819	32.2	18,923	†	10,337	9,744	487	2,709	†	†	†	172,229	181
14,707	5,305	20.5	16,568	3,444	16,795	16,777	0	0	3,196	870	170	325,729	182
42,361	2,357	30.9	28,983	15,735	42,075	43,256	0	0	7,074	4,324	1,526	6,958,962	183
2,531	14,291	78.7	16,822	†	7,675	7,329	298	1,904	†	†	†	143,715	184
18,233	9,005	35.2	17,220	10,018	21,496	21,708	0	0	3,072	2,068	767	845,502	185
16,201	7,026	24.2	18,313	4,914	19,196	18,879	0	0	3,644	1,320	125	592,097	186
2,827	34,742	50.8	9,393	28,176	16,221	16,185	2	0	1,590	4,225	1,260	368,242	187
11,690	3,475	17.3	13,192	1,973	13,147	13,038	65	104	2,403	599	9	211,424	188
9,527	6,217	18.7	13,878	1,866	12,309	11,987	41	138	2,105	507	13	197,690	189
39,302	12,277	22.6	34,870	16,709	43,346	43,964	232	0	7,687	3,178	1,822	3,082,282	190
24,159	28,406	55.0	8,035	44,530	36,557	35,091	0	0	1,837	8,772	1,233	519,706	191
18,615	3,007	26.4	18,090	3,532	19,016	19,761	0	0	3,302	716	236	680,587	192
21,159	2,451	21.2	19,213	4,397	21,644	22,102	0	0	3,826	957	548	1,968,006	193
6,481	9,932	40.5	15,588	825	10,825	10,375	9	1,938	2,285	315	0	92,582	194
6,487	9,303	38.6	15,790	†	10,555	9,610	1,652	1,854	†	†	†	125,648	195
16,712	6,826	13.5	20,316	3,222	18,549	19,398	46	0	2,976	1,114	79	314,584	196
7,209	11,843	45.1	19,052	†	11,430	11,185	353	2,171	†	†	†	193,117	197
10,871	5,720	23.1	11,779	4,812	13,330	13,111	48	20	1,855	939	530	777,066	198
28,893	4,346	17.1	25,877	7,362	32,668	30,538	0	0	6,283	1,619	724	2,172,422	199
9,909	7,027	31.0	11,704	5,232	12,621	12,662	6	0	1,741	1,213	600	394,306	200
6,487	10,502	26.1	13,898	3,091	10,666	10,640	29	0	2,252	810	120	215,819	201
12,959	2,088	36.5	7,555	7,492	13,445	13,763	18	5	1,762	1,819	694	2,719,577	202
12,814	3,545	11.2	14,340	2,019	13,378	14,184	65	60	2,282	470	60	419,870	203
10,935	4,692	25.9	12,536	3,091	12,482	12,743	47	0	2,405	907	29	248,745	204
22,062	3,835	15.4	20,833	5,064	22,892	23,510	0	0	3,657	852	442	1,017,843	205
9,137	24,419	63.6	33,556	0	18,885	18,991	1,738	2,997	28	0	0	202,707	206
20,833	8,869	60.9	24,714	4,988	23,409	24,308	0	0	3,892	1,039	355	582,467	207
16,832	4,521	37.8	18,191	3,162	18,049	18,584	54	0	3,372	661	195	611,100	208
26,009	47,168	32.6	54,150	19,027	37,696	44,378	118	834	4,503	4,257	10	481,849	209
13,680	1,508	10.1	12,857	2,331	14,457	14,242	0	109	2,854	655	67	562,399	210
16,416	4,571	48.9	16,810	4,177	17,616	18,146	154	0	3,399	1,227	28	415,256	211
14,208	3,164	30.1	14,345	3,027	14,239	15,420	6	0	2,671	493	229	507,129	212
42,749	7,397	52.9	36,168	13,978	44,856	45,515	17	101	7,838	3,019	1,247	3,034,707	213
7,105	17,676	68.5	24,781	†	13,774	13,039	2,845	3,996	†	†	†	171,546	214
19,364	7,635	60.8	21,023	5,976	22,626	22,339	19	0	3,830	1,179	520	2,071,347	215
11,930	6,356	72.2	15,210	3,076	14,479	14,393	0	0	3,375	1,324	0	303,697	216
18,189	8,559	89.5	26,748	†	21,175	21,063	0	0	3,755	†	†	317,636	217
10,795	6,785	66.4	14,406	3,174	13,318	13,425	0	0	2,588	1,031	0	299,023	218
10,530	5,518	81.4	13,317	2,731	12,305	12,662	0	0	2,239	748	38	454,010	219
13,697	9,296	65.7	16,723	6,270	17,061	17,248	0	0	2,996	1,911	30	416,790	220
8,860	7,108	67.4	15,968	†	12,207	11,246	4	2,679	†	†	†	199,343	221
10,651	8,805	88.5	19,456	†	13,607	13,607	60	2,812	†	†	†	254,241	222
10,912	6,370	88.5	17,282	0	13,486	13,483	9	1,212	1,256	0	0	233,477	223
12,161	7,471	67.2	16,326	3,306	14,908	15,058	0	0	2,926	1,080	0	331,546	224
9,105	6,464	86.1	15,569	†	11,373	11,275	13	2,255	†	†	†	193,413	225
24,553	4,819	47.5	8,124	21,248	25,273	26,401	0	0	2,221	7,596	1,289	4,044,402	226

See notes at end of table.

**Table 312.20. Enrollment, degrees conferred, and expenditures of degree-granting postsecondary institutions enrolling more than 15,000 students in 2016, by selected characteristics and institution: Selected years, 1990 through 2015–16—Continued**

Line number	Institution	State	Control <sup>1</sup>	Level	Total fall enrollment					Fall enrollment, 2016		
					Fall 1990	Fall 2000	Fall 2010	Fall 2014	Fall 2015	Total	Sex	
					6	7	8	9	10	11	12	13
227	Cornell University .....	NY	PrivNp	4-year	11,533	12,043	20,939	21,679	21,904	22,319	11,311	11,008
228	Excelsior College .....	NY	PrivNp	4-year	13,303	18,067	32,029	41,527	43,123	41,658	19,748	21,910
229	Fordham University .....	NY	PrivNp	4-year	13,158	13,650	15,158	15,231	15,286	15,582	6,201	9,381
230	Nassau Community College .....	NY	Public	2-year	21,537	19,621	23,767	22,374	21,558	20,374	9,957	10,417
231	New York University .....	NY	PrivNp	4-year	36,509	40,209	48,229	49,274	50,027	50,550	22,152	28,398
232	Rochester Institute of Technology .....	NY	PrivNp	4-year	12,391	14,106	15,792	16,310	16,639	16,507	10,966	5,541
233	State University of New York at Albany .....	NY	Public	4-year	17,400	16,751	17,615	17,273	17,178	17,373	8,290	9,083
234	State University of New York at Binghamton .....	NY	Public	4-year	12,202	12,473	14,895	16,695	16,913	17,292	8,929	8,363
235	Saint John's University, New York .....	NY	PrivNp	4-year	19,105	18,621	21,354	20,445	20,877	21,076	8,884	12,192
236	Stony Brook University .....	NY	Public	4-year	17,624	19,924	24,364	24,607	25,272	25,734	12,850	12,884
237	Suffolk County Community College .....	NY	Public	2-year	†	†	26,719	26,600	26,829	27,066	12,462	14,604
238	Syracuse University .....	NY	PrivNp	4-year	21,900	18,186	20,407	21,492	21,789	21,970	10,340	11,630
239	University at Buffalo .....	NY	Public	4-year	27,638	24,830	29,117	29,995	29,796	30,184	16,370	13,814
240	Appalachian State University .....	NC	Public	4-year	11,931	13,227	17,222	18,026	17,932	18,295	7,988	10,307
241	Central Piedmont Community College .....	NC	Public	2-year	16,311	14,908	19,921	19,957	19,394	19,487	8,860	10,627
242	Duke University .....	NC	PrivNp	4-year	11,293	12,192	15,016	15,856	15,984	15,735	7,911	7,824
243	East Carolina University .....	NC	Public	4-year	17,564	18,750	27,783	27,511	28,289	28,962	11,844	17,118
244	North Carolina State University at Raleigh .....	NC	Public	4-year	27,199	28,619	34,376	33,989	34,015	33,755	18,561	15,194
245	University of North Carolina at Chapel Hill .....	NC	Public	4-year	23,878	24,892	29,390	29,135	29,084	29,468	12,641	16,827
246	University of North Carolina at Charlotte .....	NC	Public	4-year	14,699	17,241	25,063	27,238	27,983	28,721	14,650	14,071
247	University of North Carolina at Greensboro .....	NC	Public	4-year	12,882	13,125	18,771	18,647	19,393	19,647	6,558	13,089
248	University of North Carolina at Wilmington .....	NC	Public	4-year	7,567	10,100	13,071	14,570	14,918	15,740	5,891	9,849
249	Wake Technical Community College .....	NC	Public	2-year	6,129	9,654	17,071	21,384	21,003	21,747	11,879	11,707
250	Bowling Green State University, Main Campus .....	OH	Public	4-year	18,657	18,096	17,706	16,554	16,908	17,644	7,608	10,036
251	Cleveland State University .....	OH	Public	4-year	19,214	15,294	17,386	16,936	16,915	16,864	7,743	9,121
252	Columbus State Community College .....	OH	Public	2-year	13,290	18,094	30,513	24,448	25,983	27,109	12,783	14,326
253	Cuyahoga Community College District .....	OH	Public	2-year	23,157	19,518	31,250	27,084	25,449	23,987	9,311	14,676
254	Kent State University at Kent .....	OH	Public	4-year	24,764	22,283	27,044	29,477	30,067	30,167	11,785	18,382
255	Miami University, Oxford .....	OH	Public	4-year	15,835	16,757	17,472	18,620	19,076	19,697	9,207	10,490
256	Ohio State University, Main Campus .....	OH	Public	4-year	54,087	47,952	56,064	58,322	58,663	59,482	29,977	29,505
257	Ohio University, Main Campus .....	OH	Public	4-year	18,505	19,920	25,108	29,217	29,012	29,509	12,437	17,072
258	Sinclair Community College .....	OH	Public	2-year	16,367	19,026	21,993	19,093	18,136	18,610	8,046	10,564
259	University of Akron, Main Campus .....	OH	Public	4-year	28,801	21,363	27,076	23,962	23,101	21,100	11,071	10,029
260	University of Cincinnati, Main Campus .....	OH	Public	4-year	31,013	27,327	32,283	35,313	36,042	36,596	17,334	19,262
261	University of Toledo .....	OH	Public	4-year	24,691	19,491	23,085	20,626	20,377	20,615	10,214	10,401
262	Wright State University, Main Campus .....	OH	Public	4-year	16,393	13,964	18,447	16,842	17,070	16,653	7,942	8,713
263	Oklahoma State University, Main Campus .....	OK	Public	4-year	19,827	18,676	23,667	25,962	25,930	25,622	13,120	12,502
264	Tulsa Community College .....	OK	Public	2-year	17,955	16,270	20,577	17,861	17,160	17,135	6,805	10,330
265	University of Central Oklahoma .....	OK	Public	4-year	14,232	14,099	17,101	16,840	16,910	16,428	6,589	8,939
266	University of Oklahoma, Norman Campus .....	OK	Public	4-year	20,774	24,205	26,476	27,261	27,428	27,918	14,179	13,739
267	Oregon State University .....	OR	Public	4-year	16,361	16,758	23,753	28,886	29,576	30,354	16,182	14,172
268	Portland Community College .....	OR	Public	2-year	21,888	24,209	32,013	30,929	29,003	28,494	13,285	15,209
269	Portland State University .....	OR	Public	4-year	16,921	18,889	28,035	27,696	27,488	26,627	12,102	14,525
270	University of Oregon .....	OR	Public	4-year	18,840	17,801	23,342	24,096	24,032	23,546	11,006	12,540
271	Community College of Allegheny County .....	PA	Public	2-year	20,553	15,556	20,706	17,153	16,205	16,092	7,283	8,809
272	Community College of Philadelphia .....	PA	Public	2-year	15,151	15,953	19,503	19,119	18,966	18,126	6,857	11,269
273	Drexel University .....	PA	PrivNp	4-year	11,926	13,128	23,637	26,359	25,595	24,232	11,437	12,795
274	Harrisburg Area Community College, Harrisburg .....	PA	Public	2-year	8,355	7,572	23,210	20,230	19,121	18,837	6,766	12,071
275	Pennsylvania State University, Main Campus .....	PA	Public	4-year	38,864	40,571	45,233	47,040	47,307	47,789	25,662	22,127
276	Temple University .....	PA	Public	4-year	29,714	28,355	37,367	37,485	38,007	39,296	18,627	20,669
277	University of Pennsylvania .....	PA	PrivNp	4-year	21,868	21,853	25,007	24,806	24,876	24,960	11,568	13,392
278	University of Pittsburgh, Pittsburgh Campus .....	PA	Public	4-year	28,120	26,329	28,823	28,617	28,649	28,664	13,467	15,197
279	West Chester University of Pennsylvania .....	PA	Public	4-year	12,076	12,272	14,490	16,086	16,597	17,005	6,643	10,362
280	Community College of Rhode Island .....	RI	Public	2-year	16,620	15,583	17,775	17,553	16,195	15,101	6,200	8,901
281	University of Rhode Island .....	RI	Public	4-year	16,047	14,362	16,294	16,571	16,613	17,822	7,724	10,098
282	Clemson University .....	SC	Public	4-year	15,714	17,465	19,453	21,857	22,698	23,406	12,206	11,200
283	University of South Carolina, Columbia .....	SC	Public	4-year	25,613	23,728	29,599	32,971	33,724	34,099	15,336	18,763
284	Middle Tennessee State University .....	TN	Public	4-year	14,865	19,121	26,430	22,729	22,511	22,050	9,929	12,121
285	University of Tennessee, Knoxville .....	TN	Public	4-year	26,055	25,890	30,300	30,386	27,845	28,052	14,027	14,025
286	University of Memphis .....	TN	Public	4-year	20,681	19,986	22,420	21,059	20,585	21,301	8,827	12,474
287	Austin Community College District .....	TX	Public	2-year	24,251	25,735	44,100	40,949	41,574	41,543	18,726	22,817
288	Baylor University .....	TX	PrivNp	4-year	12,014	13,719	14,900	16,263	16,787	16,959	7,441	9,518
289	Blinn College .....	TX	Public	2-year	6,849	11,588	17,755	18,850	19,780	19,096	9,275	9,821
290	Central Texas College .....	TX	Public	2-year	4,815	14,636	26,055	20,547	19,562	18,117	9,281	8,836
291	Collin County Community College District .....	TX	Public	2-year	9,059	12,996	27,069	27,991	28,188	29,703	13,314	16,389
292	Eastfield College .....	TX	Public	2-year	9,525	7,873	12,919	15,112	14,093	15,029	5,975	9,054
293	El Paso Community College .....	TX	Public	2-year	17,081	18,001	29,909	28,308	28,764	29,460	12,831	16,629
294	Houston Community College .....	TX	Public	2-year	36,437	40,929	60,303	58,276	56,522	57,032	24,246	32,786
295	Lamar University .....	TX	Public	4-year	11,489	11,550	14,385	14,895	14,965	15,001	5,771	9,230
296	Lone Star College System .....	TX	Public	2-year	15,653	24,554	54,412	69,395	70,724	71,551	29,900	41,651
297	Northwest Vista College .....	TX	Public	2-year	†	3,893	15,921	15,797	16,656	16,793	7,586	9,207
298	Richland College .....	TX	Public	2-year	12,567	12,537	19,201	19,343	18,519	18,106	8,310	9,796
299	Sam Houston State University .....	TX	Public	4-year	12,753	12,358	17,291	19,573	20,031	20,477	7,685	12,792
300	San Antonio College .....	TX	Public	2-year	20,083	19,253	25,269	21,280	20,640	19,028	7,902	11,126
301	San Jacinto Community College .....	TX	Public	2-year	9,424	10,507	28,549	27,911	28,326	28,998	12,661	16,337
302	South Texas College .....	TX	Public	4-year	†	11,319	27,692	30,180	34,371	33,700	14,956	18,744
303	Tarrant County College District .....	TX	Public	2-year	28,161	26,868	49,108	50,595	51,688	51,350	21,766	29,584

See notes at end of table.

**Table 312.20. Enrollment, degrees conferred, and expenditures of degree-granting postsecondary institutions enrolling more than 15,000 students in 2016, by selected characteristics and institution: Selected years, 1990 through 2015–16—Continued**

Fall enrollment, 2016					Full-time-equivalent enrollment		Earned degrees/certificates conferred, 2015–16					Total expenditures and deductions, 2015–16 (in thousands) <sup>2</sup>	Line number				
Attendance status		Percent minority <sup>3</sup>	Student level		Fall 2015	Fall 2016	Certificates <sup>4</sup>	Associate's	Bachelor's	Master's	Doctor's <sup>5</sup>						
Full-time	Part-time		Undergraduate	Postbaccalaureate								14	15	16	17	18	19
22,227	92	47.6	14,566	7,753	21,851	22,262	0	0	3,758	2,510	778	2,154,077	227				
0	41,658	39.5	38,297	3,361	16,904	16,329	7	1,550	2,792	584	0	107,430	228				
12,884	2,698	36.8	9,258	6,324	13,535	13,920	0	0	1,969	2,314	508	580,117	229				
11,832	8,542	60.2	20,374	†	15,844	14,700	124	3,386	†	†	†	230,122	230				
41,374	9,176	50.0	26,135	24,415	44,325	44,893	0	87	5,914	8,523	1,548	5,548,777	231				
14,789	1,718	26.6	13,384	3,123	15,604	15,457	26	133	2,483	1,146	35	546,393	232				
14,520	2,853	43.4	13,139	4,234	15,460	15,582	0	0	3,003	1,216	193	561,423	233				
15,327	1,965	34.6	13,632	3,660	15,782	16,056	0	0	3,463	1,011	139	522,041	234				
14,133	6,943	48.4	16,429	4,647	16,500	16,839	56	15	1,978	1,118	690	452,490	235				
21,277	4,457	49.1	17,026	8,708	22,624	22,938	0	0	3,952	1,920	630	2,419,280	236				
14,084	12,982	38.3	27,066	†	18,787	18,443	86	3,806	†	†	†	280,881	237				
19,153	2,817	32.0	15,218	6,752	20,276	20,236	5	7	3,467	2,172	312	905,149	238				
25,178	5,006	35.1	20,412	9,772	26,700	27,055	33	0	5,016	2,405	967	1,107,486	239				
16,487	1,808	14.1	16,595	1,700	16,878	17,185	0	0	3,759	689	9	378,608	240				
6,922	12,565	53.2	19,487	†	11,103	11,141	1,330	1,886	†	†	†	184,346	241				
14,960	775	38.7	6,609	9,126	15,489	15,257	0	0	1,810	2,474	862	5,451,195	242				
22,366	6,596	29.1	22,969	5,993	24,328	24,886	0	0	4,344	1,372	216	843,814	243				
26,776	6,979	22.6	23,827	9,928	29,518	29,421	0	118	5,664	2,518	609	1,419,281	244				
25,084	4,384	32.4	18,522	10,946	25,916	26,698	2	0	4,525	2,188	1,245	2,906,210	245				
22,754	5,967	36.8	23,404	5,317	24,405	25,044	0	0	4,987	1,660	126	565,856	246				
15,706	3,941	44.6	16,281	3,366	16,730	17,222	0	0	2,888	875	151	374,381	247				
12,786	2,954	19.0	13,914	1,826	13,309	13,933	0	0	3,201	531	21	298,221	248				
7,846	13,901	45.0	21,747	†	11,943	12,513	1,847	2,464	†	†	†	170,455	249				
14,573	3,071	18.0	14,852	2,792	15,494	15,753	75	0	2,939	733	73	357,949	250				
11,342	5,522	30.9	12,352	4,512	13,515	13,470	0	0	2,316	1,426	202	326,829	251				
7,025	20,084	33.2	27,109	†	13,810	13,768	3,478	2,266	†	†	†	178,191	252				
7,680	16,307	41.5	23,987	†	14,036	13,155	1,153	2,631	†	†	†	303,594	253				
22,848	7,319	18.3	23,684	6,483	25,731	25,681	75	0	5,044	1,818	249	585,708	254				
17,399	2,298	14.9	16,981	2,716	17,808	18,253	60	0	3,837	680	58	532,517	255				
51,817	7,665	21.7	45,831	13,651	53,933	54,756	2	0	10,478	2,631	1,609	5,741,508	256				
20,815	8,694	14.4	23,585	5,924	23,833	24,199	388	93	6,402	1,769	314	682,068	257				
6,056	12,554	27.1	18,610	†	10,219	10,271	3,052	1,725	†	†	†	160,413	258				
16,180	4,920	21.7	17,417	3,683	19,816	18,110	206	616	3,113	1,121	265	450,538	259				
26,963	9,633	20.0	25,820	10,776	30,131	30,626	331	42	5,381	3,092	760	1,086,626	260				
16,030	4,585	23.4	16,223	4,392	17,537	17,825	18	80	2,627	1,025	562	936,475	261				
11,208	5,447	22.9	12,504	4,151	13,704	13,297	48	0	2,151	1,287	168	401,678	262				
20,229	5,393	27.7	21,101	4,521	22,393	22,292	25	0	4,343	1,164	347	894,271	263				
5,462	11,673	38.4	17,135	†	9,548	9,381	330	1,970	†	†	†	141,600	264				
11,178	5,250	37.5	14,612	1,816	13,548	13,247	19	46	2,598	573	0	202,689	265				
21,523	6,395	34.0	21,609	6,309	23,539	23,968	0	0	4,148	1,642	356	958,848	266				
22,443	7,911	27.6	25,327	5,027	25,052	25,575	0	0	5,084	942	361	1,113,084	267				
11,584	16,910	35.0	28,494	†	17,538	17,261	1,871	3,447	†	†	†	373,215	268				
16,882	9,745	34.5	21,071	5,556	21,306	20,694	0	0	4,138	1,516	82	548,935	269				
21,389	2,157	29.8	20,049	3,497	22,589	22,241	0	0	4,661	908	291	949,278	270				
5,687	10,405	28.6	16,092	†	9,152	9,180	788	1,947	†	†	†	120,276	271				
4,884	13,242	75.4	18,126	†	9,794	9,330	462	1,881	†	†	†	170,992	272				
17,785	6,447	36.2	15,552	8,680	21,378	20,273	113	29	3,657	2,445	702	1,006,804	273				
5,377	13,460	29.0	18,837	†	10,084	9,896	319	1,757	†	†	†	168,841	274				
45,874	1,915	22.4	41,359	6,430	46,147	46,617	173	12	10,984	1,396	755	5,315,015	275				
33,702	5,594	36.9	29,275	10,021	34,500	35,851	124	3	6,133	1,516	1,138	2,988,604	276				
21,358	3,602	42.2	11,716	13,244	22,841	22,747	0	0	2,927	3,777	1,200	8,139,987	277				
25,604	3,060	23.4	19,123	9,541	26,659	26,751	960	0	4,453	2,309	1,087	1,897,014	278				
13,715	3,290	22.5	14,397	2,608	14,765	14,971	0	0	3,075	724	0	276,168	279				
4,441	10,660	39.4	15,101	†	8,650	8,020	248	1,649	†	†	†	121,145	280				
14,266	3,556	21.6	14,812	3,010	15,083	15,650	0	0	3,223	544	252	508,367	281				
20,774	2,632	16.0	18,599	4,807	21,088	21,756	113	0	3,981	1,258	233	895,284	282				
30,271	3,828	21.5	25,556	8,543	31,058	31,705	14	3	5,417	1,628	748	1,001,102	283				
16,807	5,243	32.2	19,693	2,357	19,134	18,858	22	0	4,034	766	37	344,733	284				
24,535	3,517	17.5	22,139	5,913	25,740	25,864	0	0	4,528	1,474	593	1,252,951	285				
14,391	6,910	47.6	17,183	4,118	16,585	17,090	0	0	3,037	931	260	402,805	286				
9,155	32,388	54.3	41,543	†	19,957	20,029	762	2,632	†	†	†	330,750	287				
16,183	776	32.3	14,348	2,611	16,376	16,482	0	0	3,062	750	284	636,417	288				
9,457	9,639	37.6	19,096	†	13,523	12,693	322	1,014	†	†	†	107,289	289				
4,195	13,922	61.2	18,117	†	9,465	8,869	943	3,257	†	†	†	117,937	290				
9,642	20,061	47.0	29,703	†	15,726	16,377	600	2,430	†	†	†	161,094	291				
2,864	12,165	77.3	15,029	†	6,718	6,948	778	1,118	†	†	†	67,718	292				
8,877	20,583	92.0	29,460	†	15,326	15,787	967	3,624	†	†	†	170,404	293				
16,415	40,617	84.4	57,032	†	30,200	30,052	1,334	6,795	†	†	†	421,380	294				
7,023	7,978	48.4	9,308	5,693	10,256	10,040	0	0	1,635	2,425	97	226,613	295				
19,901	51,650	65.9	71,551	†	36,155	37,242	2,421	6,599	†	†	†	464,484	296				
4,195	12,598	74.9	16,793	†	8,407	8,425	185	3,146	†	†	†	68,686	297				
4,548	13,558	73.9	18,106	†	9,092	9,100	530	2,112	†	†	†	93,633	298				
15,117	5,360	46.0	17,902	2,575	16,809	17,198	0	0	3,470	925	54	323,149	299				
3,543	15,485	74.7	19,028	†	9,428	8,742	701	2,815	†	†	†	116,379	300				
6,598	22,400	73.7	28,998	†	13,903	14,119	2,306	4,213	†	†	†	227,312	301				
10,699	23,001	97.2	33,700	0	19,940	19,981	2,254	3,326	239	0	0	176,256	302				
14,922	36,428	60.0	51,350	†	27,527	27,152	2,262	5,577	†	†	†	384,744	303				

See notes at end of table.

**Table 312.20. Enrollment, degrees conferred, and expenditures of degree-granting postsecondary institutions enrolling more than 15,000 students in 2016, by selected characteristics and institution: Selected years, 1990 through 2015–16—Continued**

Line number	Institution	State	Control <sup>1</sup>	Level	Total fall enrollment					Fall enrollment, 2016		
					Fall 1990	Fall 2000	Fall 2010	Fall 2014	Fall 2015	Total	Sex	
					6	7	8	9	10	11	12	13
304	Texas A & M University, College Station.....	TX	Public	4-year	42,246	45,389	50,996	61,642	63,813	65,632	34,333	31,299
305	Texas State University .....	TX	Public	4-year	20,940	22,423	32,572	36,739	37,979	38,808	16,323	22,485
306	Texas Tech University .....	TX	Public	4-year	25,363	24,558	31,637	35,158	35,859	36,551	19,614	16,937
307	Texas Woman's University .....	TX	Public	4-year	9,850	8,404	14,180	15,071	15,286	15,655	1,952	13,703
308	University of Texas, Rio Grande Valley.....	TX	Public	4-year	12,337	12,759	18,744	21,015	28,584	27,560	11,943	15,617
309	University of Texas at Arlington.....	TX	Public	4-year	24,782	20,424	32,975	39,740	41,988	45,282	17,503	27,779
310	University of Texas at Austin.....	TX	Public	4-year	49,617	49,996	51,195	51,313	50,950	51,331	24,904	26,427
311	University of Texas at Dallas.....	TX	Public	4-year	8,558	10,945	17,128	23,095	24,554	26,793	15,283	11,510
312	University of Texas at El Paso .....	TX	Public	4-year	16,524	15,224	22,106	23,079	23,397	23,922	11,087	12,835
313	University of Texas at San Antonio .....	TX	Public	4-year	15,489	18,830	30,258	28,628	28,787	28,959	14,238	14,721
314	University of Houston .....	TX	Public	4-year	33,115	32,123	38,752	40,914	42,704	43,774	22,251	21,523
315	University of North Texas .....	TX	Public	4-year	27,160	27,054	36,305	36,486	37,299	38,145	17,850	20,295
316	Brigham Young University, Provo .....	UT	PrivNp	4-year	31,662	32,554	33,841	30,484	33,469	34,240	18,101	16,139
317	Salt Lake Community College.....	UT	Public	2-year	13,344	21,596	34,654	30,248	28,814	29,901	14,502	15,399
318	University of Utah.....	UT	Public	4-year	24,922	24,948	30,819	31,515	31,592	31,860	17,334	14,526
319	Utah State University.....	UT	Public	4-year	18,111	24,194	31,215	27,662	28,622	28,118	13,086	15,032
320	Utah Valley University .....	UT	Public	4-year	7,879	20,946	32,670	31,332	33,211	34,978	18,831	16,147
321	Weber State University.....	UT	Public	4-year	13,449	16,050	24,048	25,954	25,955	26,809	12,370	14,439
322	Western Governors University .....	UT	PrivNp	4-year	†	205	22,497	57,821	70,504	84,289	30,139	54,150
323	George Mason University.....	VA	Public	4-year	20,308	23,408	32,562	33,729	33,929	34,909	16,277	18,632
324	James Madison University .....	VA	Public	4-year	11,251	15,326	19,434	20,855	21,227	21,270	8,526	12,744
325	Liberty University.....	VA	PrivNp	4-year	18,533	6,192	56,625	81,459	80,494	75,756	30,951	44,805
326	Northern Virginia Community College.....	VA	Public	2-year	35,194	37,073	48,996	51,487	52,078	50,835	24,897	25,938
327	Old Dominion University.....	VA	Public	4-year	16,729	18,969	24,466	24,932	24,672	24,322	10,856	13,466
328	Tidewater Community College.....	VA	Public	2-year	17,726	20,184	31,308	27,646	25,927	23,945	9,885	14,060
329	University of Virginia, Main Campus .....	VA	Public	4-year	21,110	22,411	24,391	23,732	23,883	23,898	11,051	12,847
330	Virginia Commonwealth University.....	VA	Public	4-year	21,764	24,066	32,027	30,848	30,918	30,872	12,616	18,256
331	Virginia Polytechnic Institute and State University .....	VA	Public	4-year	25,568	27,869	31,006	31,224	32,663	33,170	18,958	14,212
332	University of Washington, Seattle Campus .....	WA	Public	4-year	33,854	36,139	42,451	44,784	45,408	45,591	21,585	24,006
333	Washington State University .....	WA	Public	4-year	18,412	20,492	26,287	28,686	29,686	30,142	14,452	15,690
334	Western Washington University .....	WA	Public	4-year	9,730	12,307	14,979	15,060	15,332	15,574	6,758	8,816
335	American Public University System.....	WV	PrivFp	4-year	†	†	39,296	57,539	52,513	48,623	30,718	17,905
336	West Virginia University .....	WV	Public	4-year	20,854	21,987	29,306	29,175	28,776	28,488	14,703	13,785
337	Madison Area Technical College.....	WI	Public	4-year	12,410	14,474	17,463	16,759	16,520	15,670	6,800	8,870
338	Milwaukee Area Technical College .....	WI	Public	2-year	21,600	14,296	19,827	16,712	15,186	15,057	6,729	8,328
339	University of Wisconsin, Madison.....	WI	Public	4-year	43,209	40,658	42,180	42,598	42,716	42,582	20,932	21,650
340	University of Wisconsin, Milwaukee .....	WI	Public	4-year	26,020	23,578	30,470	27,596	26,726	25,601	11,943	13,658

—Not available.

†Not applicable.

<sup>1</sup>"PrivNp" stands for private nonprofit. "PrivFp" stands for private for-profit.

<sup>2</sup>Includes private and some public institutions reporting total expenses and deductions under Financial Accounting Standards Board (FASB) reporting standards and public institutions reporting total expenses and deductions under Governmental Accounting Standards Board (GASB) 34/35 reporting standards.

<sup>3</sup>Combined enrollment of Black, Hispanic, Asian/Pacific Islander, American Indian/Alaska Native, and Two or more races students who are U.S. citizens or resident aliens as a percentage of total enrollment, excluding nonresident aliens.

<sup>4</sup>Includes less-than-1-year awards and 1- to less-than-4-year awards (excluding associate's degrees) conferred by degree-granting institutions.

**Table 312.20. Enrollment, degrees conferred, and expenditures of degree-granting postsecondary institutions enrolling more than 15,000 students in 2016, by selected characteristics and institution: Selected years, 1990 through 2015–16—Continued**

Fall enrollment, 2016					Full-time-equivalent enrollment		Earned degrees/certificates conferred, 2015–16					Total expenditures and deductions, 2015–16 (in thousands) <sup>2</sup>	Line number				
Attendance status		Percent minority <sup>3</sup>	Student level		Fall 2015	Fall 2016	Certificates <sup>4</sup>	Associate's	Bachelor's	Master's	Doctor's <sup>5</sup>						
Full-time	Part-time		Undergraduate	Postbaccalaureate								14	15	16	17	18	19
56,924	8,708	35.9	50,735	14,897	58,715	60,310	0	0	10,502	3,213	1,423	3,038,834	304				
30,866	7,942	51.0	34,244	4,564	33,115	33,992	0	0	6,448	1,331	89	636,337	305				
30,792	5,759	36.8	29,963	6,588	32,486	33,014	81	0	5,203	1,521	508	864,447	306				
9,049	6,606	55.8	10,407	5,248	11,326	11,580	0	0	2,214	1,495	224	201,388	307				
19,040	8,520	96.6	24,023	3,537	22,680	22,379	0	0	4,144	1,396	23	461,885	308				
21,437	23,845	57.0	32,775	12,507	29,310	30,735	170	0	7,481	3,803	192	667,532	309				
47,516	3,815	51.1	40,168	11,163	48,561	49,019	2,401	0	10,165	3,229	1,386	2,663,949	310				
20,856	5,937	58.6	17,350	9,443	21,061	23,131	0	0	3,082	3,462	183	674,457	311				
14,681	9,241	91.7	20,521	3,401	18,002	18,323	0	0	3,332	1,033	105	449,581	312				
22,125	6,834	72.6	24,724	4,235	24,771	24,785	0	0	4,704	1,167	124	549,626	313				
31,593	12,181	70.0	35,995	7,779	35,508	36,425	0	0	6,802	1,911	811	1,038,206	314				
28,592	9,553	50.0	31,241	6,904	31,606	32,288	0	0	6,439	1,698	313	640,091	315				
30,035	4,205	13.6	30,979	3,261	30,950	31,674	0	0	6,364	1,038	253	1,011,303	316				
7,762	22,139	29.0	29,901	†	14,848	15,195	900	3,687	†	†	†	207,282	317				
23,389	8,471	24.8	23,789	8,071	26,351	26,729	0	0	5,167	1,901	715	4,006,287	318				
18,137	9,981	12.7	24,838	3,280	22,318	22,076	96	1,252	3,810	830	102	660,890	319				
17,879	17,099	18.0	34,706	272	23,663	24,771	171	1,929	2,903	97	0	304,527	320				
11,308	15,501	18.6	26,112	697	17,165	17,547	95	2,245	2,488	254	0	228,588	321				
84,289	0	26.4	63,961	20,328	70,504	84,289	0	0	10,265	5,925	0	408,676	322				
23,675	11,234	47.4	23,817	11,092	26,887	27,929	0	0	5,127	2,804	452	787,512	323				
19,597	1,673	20.2	19,548	1,722	20,195	20,244	0	0	4,534	752	28	495,487	324				
36,555	39,201	33.9	47,050	28,706	54,419	51,748	431	1,394	8,099	8,351	260	638,195	325				
17,581	33,254	59.8	50,835	†	29,730	28,746	2,012	5,740	†	†	†	331,494	326				
16,767	7,555	47.6	19,793	4,529	19,949	19,691	0	0	4,003	994	240	442,396	327				
8,667	15,278	51.7	23,945	†	15,014	13,796	1,137	3,001	†	†	†	178,820	328				
21,639	2,259	31.0	16,331	7,567	22,559	22,492	25	0	3,963	1,802	797	2,962,327	329				
25,337	5,535	45.0	23,865	7,007	27,465	27,490	58	0	5,154	1,549	718	1,038,632	330				
30,310	2,860	26.4	25,791	7,379	30,863	31,368	0	59	5,940	1,365	608	1,338,482	331				
40,301	5,290	44.5	30,933	14,658	42,115	42,321	0	0	7,772	3,588	1,296	5,106,841	332				
25,209	4,933	32.9	24,904	5,238	26,806	27,129	212	0	5,475	892	560	1,121,517	333				
14,189	1,385	25.8	14,592	982	14,529	14,740	86	0	3,335	308	0	301,286	334				
2,829	45,794	38.3	39,662	8,961	23,137	20,727	484	2,130	5,517	3,185	0	244,685	335				
25,119	3,369	14.6	22,350	6,138	26,554	26,414	0	0	4,550	1,477	629	1,082,314	336				
4,303	11,367	25.4	15,616	54	9,446	8,889	1,631	1,459	0	0	0	221,760	337				
4,717	10,340	55.4	15,057	†	8,142	8,189	1,327	1,353	†	†	†	251,677	338				
38,284	4,298	18.5	30,958	11,624	40,018	39,938	0	0	6,919	2,183	1,458	2,712,712	339				
20,250	5,351	28.8	20,968	4,633	23,198	22,327	0	0	3,900	1,298	194	536,591	340				

<sup>5</sup>Includes Ph.D., Ed.D., and comparable degrees at the doctoral level, as well as such degrees as M.D., D.D.S., and law degrees that were formerly classified as first-professional degrees.

<sup>6</sup>Data for total enrollment in 1990 are for institutions of higher education, rather than degree-granting institutions.

<sup>7</sup>For years prior to 2013, fall enrollment data for Arizona State University, Tempe, include data for the following four branch campuses, which are now reported separately: Downtown Phoenix, Skysong, West, and Polytechnic.

<sup>8</sup>Data for University of Phoenix, Arizona, include branch campuses previously reported separately.

NOTE: Degree-granting institutions grant associate's or higher degrees and participate in Title IV federal financial aid programs. Includes online and distance education courses. Some data have been revised from previously published figures.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), Fall Enrollment Survey (IPEDS-EF:90); Spring 2001 through Spring 2017, Fall Enrollment component; Spring 2017, Finance component; and Fall 2016, Completions component. (This table was prepared August 2018.)

**Table 312.30. Enrollment and degrees conferred in degree-granting women's colleges, by selected characteristics and institution: Fall 2016 and 2015–16**

Institution <sup>1</sup>	State	Enrollment, fall 2016							Degrees awarded to females, 2015–16			
		Total	Females	Percent female	Males, full-time	Females, full-time	Males, part-time	Females, part-time	Associate's	Bachelor's	Master's	Doctor's
1	2	3	4	5	6	7	8	9	10	11	12	13
<b>Total</b> .....	†	<b>83,601</b>	<b>77,381</b>	<b>92.6</b>	<b>2,895</b>	<b>56,010</b>	<b>3,325</b>	<b>21,371</b>	<b>547</b>	<b>12,703</b>	<b>6,075</b>	<b>449</b>
Judson College .....	AL	327	321	98.2	3	238	3	83	9	33	†	†
Mills College .....	CA	1,345	1,237	92.0	73	1,087	35	150	†	242	149	7
Mount Saint Mary's University .....	CA	3,496	3,143	89.9	233	2,491	120	652	165	532	135	16
Scripps College .....	CA	1,057	1,042	98.6	11	1,037	4	5	†	205	†	†
University of Saint Joseph .....	CT	2,467	2,158	87.5	112	1,155	197	1,003	†	224	426	55
Trinity Washington University .....	DC	2,068	1,939	93.8	22	1,155	107	784	28	194	149	†
Agnes Scott College .....	GA	927	919	99.1	4	913	4	6	†	187	†	†
Brenau University .....	GA	2,899	2,501	86.3	174	1,334	224	1,167	31	254	404	6
Spelman College .....	GA	2,125	2,125	100.0	0	2,061	0	64	†	463	†	†
Wesleyan College .....	GA	676	654	96.7	3	522	19	132	†	108	22	†
Saint Mary's College .....	IN	1,701	1,671	98.2	4	1,615	26	56	†	359	†	†
Notre Dame of Maryland University ..	MD	2,532	2,162	85.4	81	751	289	1,411	†	313	300	51
Bay Path University .....	MA	3,225	3,041	94.3	86	1,899	98	1,142	22	428	388	†
Mount Holyoke College .....	MA	2,327	2,312	99.4	4	2,190	11	122	†	540	27	†
Simmons College .....	MA	6,111	5,588	91.4	173	2,881	350	2,707	†	475	1,031	76
Smith College .....	MA	2,896	2,835	97.9	44	2,765	17	70	†	682	142	8
Wellesley College .....	MA	2,482	2,426	97.7	0	2,347	56	79	†	581	†	†
College of Saint Benedict .....	MN	1,958	1,958	100.0	0	1,939	0	19	†	422	†	†
St Catherine University .....	MN	4,786	4,484	93.7	102	2,607	200	1,877	201	681	440	31
Cotley College .....	MO	288	288	100.0	0	283	0	5	71	25	†	†
Stephens College .....	MO	954	917	96.1	16	709	21	208	0	125	53	†
College of Saint Mary .....	NE	1,043	1,033	99.0	6	924	4	109	10	147	65	5
Barnard College .....	NY	2,510	2,507	99.9	0	2,461	3	46	†	632	†	†
Bennett College .....	NC	474	470	99.2	0	390	4	80	†	78	†	†
Meredith College .....	NC	1,981	1,942	98.0	19	1,743	20	199	†	377	63	†
Salem College .....	NC	1,087	1,045	96.1	4	718	38	327	†	177	31	†
Ursuline College .....	OH	1,136	1,046	92.1	23	496	67	550	†	173	149	0
Bryn Mawr College .....	PA	1,708	1,632	95.6	64	1,573	12	59	†	347	79	10
Cedar Crest College .....	PA	1,669	1,444	86.5	148	807	77	637	†	244	43	†
Moore College of Art and Design .....	PA	401	397	99.0	2	387	2	10	†	100	13	†
Columbia College .....	SC	1,588	1,150	72.4	305	862	133	288	†	228	71	†
Converse College .....	SC	1,320	1,243	94.2	35	917	42	326	†	143	114	†
Texas Woman's University .....	TX	15,655	13,703	87.5	959	8,090	993	5,613	†	1,984	1,331	182
Hollins University .....	VA	837	806	96.3	9	695	22	111	†	123	68	†
Mary Baldwin University .....	VA	1,748	1,568	89.7	106	1,087	74	481	†	253	58	0
Sweet Briar College .....	VA	376	368	97.9	7	358	1	10	†	93	1	†
Alverno College .....	WI	2,017	1,960	97.2	32	1,421	25	539	10	383	163	†
Mount Mary University .....	WI	1,404	1,346	95.9	31	1,102	27	244	†	148	160	2

†Not applicable.

<sup>1</sup>Data are for colleges and universities identified by the Women's College Coalition as women's colleges in 2017. Excludes women's colleges whose IPEDS data are reported together with a coed institution or coordinate men's college. The following institutions were excluded for this reason: Douglass Residential College of Rutgers University and Russell Sage College of the Sage Colleges.

NOTE: The institutions in this table are all 4-year private nonprofit institutions. Degree-granting institutions grant associate's or higher degrees and participate in Title IV federal financial aid programs. SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), Spring 2017, Fall Enrollment component; and Fall 2016, Completions component. (This table was prepared November 2017.)

**Table 312.50. Fall enrollment and degrees conferred in degree-granting tribally controlled postsecondary institutions, by state and institution: Selected years, fall 2000 through fall 2016, and 2014–15 and 2015–16**

State and institution	Level and control <sup>1</sup>	Total fall enrollment											Degrees awarded to American Indians/ Alaska Natives			
		2000			2005	2010	2013	2014	2015	2016			Associate's		Bachelor's	
		Total	Total American Indian/ Alaska Native	Percent American Indian/ Alaska Native						Total	Total American Indian/ Alaska Native	Percent American Indian/ Alaska Native	2014–15	2015–16	2014–15	2015–16
					2014–15	2015–16	2014–15	2015–16								
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
<b>Tribally controlled institutions</b>	†	<b>13,680</b>	<b>11,459</b>	<b>83.8</b>	<b>17,167</b>	<b>21,179</b>	<b>18,264</b>	<b>17,929</b>	<b>17,161</b>	<b>16,857</b>	<b>13,163</b>	<b>78.1</b>	<b>1,268</b>	<b>1,304</b>	<b>321</b>	<b>301</b>
Alaska																
Iliagvik College	2	322	174	54.0	278	288	257	243	193	188	109	58.0	7	9	†	†
Arizona																
Diné College	1	1,712	1,645	96.1	1,825	2,033	1,489	1,488	1,490	1,396	1,381	98.9	148	187	5	17
Tohono O'odham Community College	2	—	—	—	270	207	243	225	212	276	246	89.1	8	12	†	†
Kansas																
Haskell Indian Nations University	1	918	918	100.0	918	958	742	808	799	820	820	100.0	94	115	92	86
Michigan																
Bay Mills Community College	2	360	228	63.3	406	607	531	555	541	467	256	54.8	31	22	†	†
Keweenaw Bay Ojibwa Community College	2	—	—	—	—	—	106	89	102	104	74	71.2	8	5	†	†
Saginaw Chippewa Tribal College	2	—	—	—	123	153	117	141	116	141	113	80.1	8	10	†	†
Minnesota																
Fond du Lac Tribal and Community College	2	999	221	22.1	1,981	2,339	2,272	2,215	2,227	2,101	150	7.1	33	25	†	†
Leech Lake Tribal College	2	240	228	95.0	189	235	348	297	348	286	262	91.6	32	40	†	†
White Earth Tribal and Community College	4	—	—	—	61	117	60	69	68	77	57	74.0	8	14	†	†
Montana																
Aaniiih Nakoda College	2	295	266	90.2	175	214	139	291	219	149	140	94.0	21	15	†	†
Blackfeet Community College	4	299	288	96.3	485	473	450	495	442	425	402	94.6	60	83	†	†
Chief Dull Knife College	2	461	365	79.2	554	433	201	192	218	168	148	88.1	35	35	†	†
Fort Peck Community College	2	400	338	84.5	408	452	405	346	321	385	303	78.7	23	13	†	†
Little Big Horn College	2	320	303	94.7	259	380	329	263	248	223	216	96.9	51	40	†	†
Salish Kootenai College	3	1,042	881	84.5	1,142	1,158	840	859	784	859	633	73.7	65	53	47	33
Stone Child College	2	38	38	100.0	344	332	404	458	540	544	500	91.9	25	7	†	†
Nebraska																
Little Priest Tribal College	4	141	121	85.8	109	148	144	127	132	132	116	87.9	11	8	†	†
Nebraska Indian Community College	2	170	146	85.9	107	177	199	120	158	175	167	95.4	15	13	†	†
New Mexico																
Institute of American Indian and Alaska Native Culture and Arts Development	1	139	139	100.0	113	313	422	486	493	582	379	65.1	2	6	20	24
Navajo Technical University	1	841	841	100.0	333	1,019	1,956	2,075	1,686	1,675	1,599	95.5	76	63	10	16
Southwestern Indian Polytechnic Institute	2	304	304	100.0	614	531	530	481	402	367	367	100.0	84	62	†	†
North Dakota																
Candkeska Cikana Community College	2	9	8	88.9	198	220	254	185	188	178	162	91.0	23	15	†	†
Nueta Hidatsa Sahnish College	1	50	47	94.0	241	215	203	158	229	268	215	80.2	14	24	4	2
Sitting Bull College	1	22	20	90.9	287	314	246	289	261	282	259	91.8	24	32	5	8
Turtle Mountain Community College	3	686	608	88.6	615	969	602	520	555	584	556	95.2	69	75	15	10
United Tribes Technical College	3	204	186	91.2	885	600	505	434	391	483	435	90.1	42	41	9	14
Oklahoma																
College of the Muscogee Nation	2	—	—	—	—	—	191	188	202	213	178	83.6	22	17	†	†
Comanche Nation College	2	—	—	—	—	—	—	50	72	37	35	94.6	1	5	†	†
South Dakota																
Oglala Lakota College	1	1,174	1,077	91.7	1,302	1,830	1,551	1,427	1,366	1,301	1,243	95.5	74	63	57	44
Sinte Gleska University	3	900	757	84.1	1,123	2,473	689	641	581	568	504	88.7	22	39	20	12
Sisseton Wahpeton College	2	250	192	76.8	290	261	194	165	132	142	132	93.0	10	8	†	†
Washington																
Northwest Indian College	1	524	440	84.0	495	626	681	637	641	579	493	85.1	62	78	30	33
Wisconsin																
College of the Menominee Nation	3	371	283	76.3	532	615	661	560	433	394	312	79.2	21	28	7	2
Lac Courte Oreilles Ojibwa Community College	2	489	397	81.2	505	489	303	352	371	288	201	69.8	39	42	†	†

—Not available.

†Not applicable.

<sup>1</sup>1 = 4-year public; 2 = 2-year public; 3 = 4-year private nonprofit; and 4 = 2-year private nonprofit.

NOTE: This table only includes institutions that were in operation during the 2016–17 academic year. They are all members of the American Indian Higher Education Consortium and, with few exceptions, are tribally controlled and located on reservations. Degree-granting institutions grant associate's or higher degrees and participate in Title IV federal financial aid programs. Totals

include persons of other racial/ethnic groups not separately identified. Some data have been revised from previously published figures.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), Spring 2001 through Spring 2017, Fall Enrollment component; and Fall 2015 and Fall 2016, Completions component. (This table was prepared November 2017.)

**Table 313.10. Fall enrollment, degrees conferred, and expenditures in degree-granting historically Black colleges and universities, by institution: 2015, 2016, and 2015–16**

Institution	State	Level and control <sup>1</sup>	Total enrollment, fall 2015	Enrollment, fall 2016			Degrees conferred, 2015–16				Total expenditures, 2015–16 (in thousands of current dollars) <sup>3</sup>
				Total	Black enrollment	Full-time-equivalent enrollment, fall 2016	Associate's	Bachelor's	Master's	Doctor's <sup>2</sup>	
1	2	3	4	5	6	7	8	9	10	11	12
<b>Total</b> .....	†	†	<b>293,304</b>	<b>292,083</b>	<b>223,515</b>	<b>251,494</b>	<b>4,555</b>	<b>33,868</b>	<b>7,972</b>	<b>2,481</b>	<b>\$7,576,443</b>
Alabama A&M University <sup>4</sup> .....	AL	1	5,627	5,859	5,254	5,353	0	424	295	7	142,285
Alabama State University.....	AL	1	5,383	5,318	4,897	4,935	0	616	135	61	140,461
Bishop State Community College.....	AL	2	3,111	3,028	1,911	2,052	266	†	†	†	30,169
Concordia College, Alabama.....	AL	3	487	340	315	319	35	35	0	0	11,166
Gadsden State Community College.....	AL	2	5,018	5,109	993	3,385	554	†	†	†	49,090
H. Council Trenholm State Technical College.....	AL	2	1,401	1,661	1,101	1,053	175	†	†	†	19,079
J. F. Drake State Community and Technical College.....	AL	2	996	829	457	581	85	†	†	†	11,797
Lawson State Community College, Birmingham Campus.....	AL	2	3,172	3,128	2,526	2,176	220	†	†	†	37,957
Miles College.....	AL	3	1,873	1,820	1,754	1,790	0	233	0	0	30,716
Oakwood University.....	AL	3	1,749	1,794	1,590	1,718	5	342	7	0	52,241
Selma University.....	AL	3	333	172	164	169	4	25	0	0	4,152
Shelton State Community College.....	AL	2	4,834	4,810	1,804	3,026	478	†	†	†	40,509
Stillman College.....	AL	3	895	628	597	598	0	121	0	0	18,603
Talladega College.....	AL	3	989	675	584	644	0	127	0	0	14,634
Tuskegee University <sup>4</sup> .....	AL	3	2,996	2,851	2,665	2,789	0	454	115	76	139,704
Arkansas Baptist College.....	AR	3	990	878	827	802	68	38	0	0	17,063
Philander Smith College.....	AR	3	584	765	708	741	0	131	0	0	16,980
Shorter College.....	AR	4	236	446	256	423	29	†	†	†	3,579
University of Arkansas at Pine Bluff <sup>4</sup> .....	AR	1	2,658	2,821	2,550	2,649	23	389	44	1	78,727
Delaware State University <sup>4</sup> .....	DE	1	4,288	4,328	3,071	4,060	0	699	100	23	127,785
Howard University.....	DC	3	10,002	8,966	7,540	8,471	0	1,270	340	502	771,456
University of the District of Columbia <sup>4</sup> .....	DC	1	4,805	4,318	2,776	2,966	244	387	106	0	147,290
Bethune-Cookman University.....	FL	3	3,831	3,934	3,501	3,780	0	536	61	0	95,028
Edward Waters College.....	FL	3	2,254	3,062	1,815	1,751	0	115	0	0	22,236
Florida A&M University <sup>4</sup> .....	FL	1	9,928	9,619	8,091	8,760	54	1,676	271	326	300,795
Florida Memorial University.....	FL	3	1,467	1,339	1,062	1,282	0	216	33	0	37,332
Albany State University.....	GA	1	3,492	3,041	2,758	2,654	0	546	162	0	67,055
Clark Atlanta University.....	GA	3	3,661	3,884	3,584	3,676	0	474	282	28	90,512
Fort Valley State University <sup>4</sup> .....	GA	1	2,696	2,679	2,415	2,378	0	428	101	0	74,109
Interdenominational Theological Center.....	GA	3	256	280	271	174	0	0	53	8	8,254
Morehouse College.....	GA	3	2,167	2,108	2,032	2,055	0	330	0	0	88,000
Morehouse School of Medicine.....	GA	3	452	480	364	465	0	0	50	64	153,191
Paine College.....	GA	3	555	502	447	433	0	84	0	0	15,279
Savannah State University.....	GA	1	4,800	4,955	4,175	4,534	11	510	57	0	97,985
Spelman College.....	GA	3	2,144	2,125	2,049	2,086	0	463	0	0	96,097
Kentucky State University <sup>4</sup> .....	KY	1	1,586	1,736	912	1,379	43	276	45	0	61,325
Simmons College of Kentucky.....	KY	3	216	203	202	150	14	8	0	0	2,669
Dillard University.....	LA	3	1,185	1,261	1,204	1,211	0	256	0	0	47,349
Grambling State University.....	LA	1	4,541	4,863	4,460	4,250	4	513	209	3	90,396
Southern University and A&M College <sup>4</sup> .....	LA	1	6,401	5,877	5,350	5,242	0	610	291	28	133,129
Southern University at New Orleans.....	LA	1	2,709	2,430	2,257	1,987	16	310	188	0	38,972
Southern University at Shreveport.....	LA	2	3,174	3,240	2,839	2,258	224	†	†	†	32,826
Xavier University of Louisiana.....	LA	3	2,969	2,997	2,119	2,898	0	353	57	134	107,064
Bowie State University.....	MD	1	5,430	5,669	4,812	4,860	0	832	337	10	102,719
Coppin State College.....	MD	1	3,108	2,939	2,318	2,379	0	464	77	0	87,335
Morgan State University.....	MD	1	7,725	7,689	5,873	7,106	0	902	253	48	214,673
University of Maryland, Eastern Shore <sup>4</sup> .....	MD	1	4,465	3,904	2,749	3,543	0	574	89	105	120,396
Alcorn State University <sup>4</sup> .....	MS	1	3,518	3,420	3,096	3,026	25	388	140	0	84,116
Coahoma Community College.....	MS	2	2,148	2,064	1,955	1,735	289	†	†	†	33,724
Hinds Community College, Utica Campus.....	MS	2	678	693	679	674	78	†	†	†	—
Jackson State University.....	MS	1	9,802	9,811	8,794	8,271	0	984	434	86	206,453
Mississippi Valley State University.....	MS	1	2,309	2,455	2,330	2,110	0	305	108	0	53,490
Rust College.....	MS	3	856	1,005	983	924	7	130	0	0	16,118
Tougaloo College.....	MS	3	872	860	844	839	0	141	0	0	26,165

See notes at end of table.

**Table 313.10. Fall enrollment, degrees conferred, and expenditures in degree-granting historically Black colleges and universities, by institution: 2015, 2016, and 2015–16—Continued**

Institution	State	Level and control <sup>1</sup>	Total enrollment, fall 2015	Enrollment, fall 2016			Degrees conferred, 2015–16				Total expenditures, 2015–16 (in thousands of current dollars) <sup>3</sup>
				Total	Black enrollment	Full-time-equivalent enrollment, fall 2016	Associate's	Bachelor's	Master's	Doctor's <sup>2</sup>	
1	2	3	4	5	6	7	8	9	10	11	12
Harris-Stowe State University.....	MO	1	1,390	1,464	1,266	1,282	0	153	0	0	30,462
Lincoln University <sup>4</sup> .....	MO	1	2,944	2,738	1,211	2,237	65	226	51	0	52,883
Bennett College.....	NC	3	583	474	439	423	0	78	0	0	17,379
Elizabeth City State University.....	NC	1	1,585	1,357	1,043	1,267	0	306	21	0	61,551
Fayetteville State University.....	NC	1	6,104	6,223	4,064	5,191	0	954	160	6	110,032
Johnson C. Smith University.....	NC	3	1,438	1,428	1,282	1,402	0	268	34	0	47,220
Livingstone College.....	NC	3	1,262	1,204	1,148	1,194	2	149	0	0	30,813
North Carolina A&T State University <sup>4</sup> .....	NC	1	10,852	11,177	9,038	10,239	0	1,503	434	49	256,369
North Carolina Central University.....	NC	1	8,011	8,094	6,243	7,211	0	1,092	397	176	186,243
Saint Augustine's College.....	NC	3	810	944	900	929	0	166	0	0	28,966
Shaw University.....	NC	3	1,646	1,844	1,705	1,743	0	203	25	0	37,144
Winston-Salem State University.....	NC	1	5,107	5,151	3,731	4,696	0	1,121	123	30	137,083
Central State University.....	OH	1	1,804	1,741	1,655	1,657	0	245	6	0	52,527
Wilberforce University.....	OH	3	646	645	624	559	0	109	6	0	19,275
Langston University <sup>4</sup> .....	OK	1	2,543	2,420	1,792	2,152	9	234	56	14	56,372
Cheyney University of Pennsylvania.....	PA	1	711	746	644	705	0	154	13	0	38,184
Lincoln University.....	PA	1	1,904	2,091	1,903	1,949	0	287	97	0	53,565
Allen University.....	SC	3	625	600	587	585	0	72	0	0	15,395
Benedict College.....	SC	3	2,465	2,281	2,262	2,262	0	385	0	0	54,733
Clafin College.....	SC	3	1,925	1,978	1,797	1,949	0	360	21	0	47,436
Clinton College.....	SC	3	161	200	195	200	33	11	0	0	2,951
Denmark Technical College.....	SC	2	1,043	632	541	465	62	†	†	†	15,301
Morris College.....	SC	3	774	754	742	742	0	102	0	0	18,317
South Carolina State University <sup>4</sup> .....	SC	1	3,054	2,905	2,749	2,653	0	427	124	16	84,587
Voorhees College.....	SC	3	434	415	395	410	0	70	0	0	12,840
American Baptist College.....	TN	3	157	139	124	118	2	20	0	0	3,633
Fisk University.....	TN	3	855	761	697	747	0	105	9	0	27,731
Lane College.....	TN	3	1,376	1,427	1,392	1,384	1	121	0	0	22,555
Le Moyne-Owen College.....	TN	3	945	959	947	891	0	116	0	0	17,774
Meharry Medical College.....	TN	3	829	831	665	831	0	0	63	154	120,321
Tennessee State University <sup>4</sup> .....	TN	1	9,167	8,760	5,719	7,306	101	925	462	77	180,111
Huston-Tillotson University.....	TX	3	1,023	1,012	663	958	25	149	4	0	20,829
Jarvis Christian College.....	TX	3	863	868	727	844	3	81	0	0	19,463
Paul Quinn College.....	TX	3	424	436	330	417	0	22	0	0	9,476
Prairie View A&M University <sup>4</sup> .....	TX	1	8,315	8,782	7,323	7,952	0	1,089	409	23	215,577
Saint Philip's College.....	TX	2	11,198	11,604	1,071	4,828	1,030	†	†	†	73,979
Southwestern Christian College.....	TX	3	150	147	114	143	24	5	0	0	6,499
Texas College.....	TX	3	853	960	837	936	28	98	0	0	14,390
Texas Southern University.....	TX	1	8,965	8,862	6,678	8,004	0	939	345	278	203,605
Wiley College.....	TX	3	1,172	1,279	1,057	1,202	1	246	0	0	21,434
Hampton University.....	VA	3	4,269	4,646	4,249	4,409	0	636	158	108	161,433
Norfolk State University.....	VA	1	5,107	5,421	4,672	4,828	1	991	177	3	147,297
Virginia State University <sup>4</sup> .....	VA	1	4,696	4,584	3,212	4,396	1	856	127	23	134,921
Virginia Union University.....	VA	3	1,922	1,815	1,744	1,748	0	210	143	6	37,230
Virginia University of Lynchburg.....	VA	3	402	370	363	312	42	27	1	8	4,803
Bluefield State College.....	WV	1	1,486	1,362	105	1,216	130	209	0	0	22,086
West Virginia State University <sup>4</sup> .....	WV	1	3,166	3,514	401	2,507	0	416	22	0	49,778
University of the Virgin Islands <sup>4</sup> .....	VI	1	2,321	2,370	1,789	1,845	44	217	44	0	83,659

—Not available.  
†Not applicable.  
1 = 4-year public; 2 = 2-year public; 3 = 4-year private nonprofit; and 4 = 2-year private nonprofit.  
2Includes Ph.D., Ed.D., and comparable degrees at the doctoral level, as well as such degrees as M.D., D.D.S., and law degrees that were formerly classified as first-professional degrees.  
3Includes private and some public institutions reporting total expenses and deductions under Financial Accounting Standards Board (FASB) reporting standards and public institutions reporting total expenses and deductions under Governmental Accounting Standards Board (GASB) 34/35 reporting standards.  
4Land-grant institution.

NOTE: Degree-granting institutions grant associate's or higher degrees and participate in Title IV federal financial aid programs. Excludes historically Black colleges and universities that are not participating in Title IV programs. Historically Black colleges and universities are degree-granting institutions established prior to 1964 with the principal mission of educating Black Americans. Federal regulations, 20 U.S. Code, Section 1061 (2), allow for certain exceptions to the founding date. Totals include persons of other racial/ethnic groups not separately identified. Detail may not sum to totals because of rounding.  
SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), Fall 2016, Completions component; Spring 2016 and Spring 2017, Fall Enrollment component; and Spring 2017, Finance component. (This table was prepared November 2017.)

**Table 313.20. Fall enrollment in degree-granting historically Black colleges and universities, by sex of student and level and control of institution: Selected years, 1976 through 2016**

Year	Total enrollment	Males	Females	4-year	2-year	Public			Private		
						Total	4-year	2-year	Total	4-year	2-year
1	2	3	4	5	6	7	8	9	10	11	12
All students											
1976.....	222,613	104,669	117,944	206,676	15,937	156,836	143,528	13,308	65,777	63,148	2,629
1980.....	233,557	106,387	127,170	218,009	15,548	168,217	155,085	13,132	65,340	62,924	2,416
1982.....	228,371	104,897	123,474	212,017	16,354	165,871	151,472	14,399	62,500	60,545	1,955
1984.....	227,519	102,823	124,696	212,844	14,675	164,116	151,289	12,827	63,403	61,555	1,848
1986.....	223,275	97,523	125,752	207,231	16,044	162,048	147,631	14,417	61,227	59,600	1,627
1988.....	239,755	100,561	139,194	223,250	16,505	173,672	158,606	15,066	66,083	64,644	1,439
1990.....	257,152	105,157	151,995	240,497	16,655	187,046	171,969	15,077	70,106	68,528	1,578
1992.....	279,541	114,622	164,919	261,089	18,452	204,966	188,143	16,823	74,575	72,946	1,629
1993.....	282,856	116,397	166,459	262,430	20,426	208,197	189,032	19,165	74,659	73,398	1,261
1994.....	280,071	114,006	166,065	259,997	20,074	206,520	187,735	18,785	73,551	72,262	1,289
1995.....	278,725	112,637	166,088	259,409	19,316	204,726	186,278	18,448	73,999	73,131	868
1996.....	273,018	109,498	163,520	253,654	19,364	200,569	182,063	18,506	72,449	71,591	858
1997.....	269,167	106,865	162,302	248,860	20,307	194,674	175,297	19,377	74,493	73,563	930
1998.....	273,472	108,752	164,720	248,931	24,541	198,603	174,776	23,827	74,869	74,155	714
1999.....	274,321	108,301	166,020	249,156	25,165	199,826	175,364	24,462	74,495	73,792	703
2000.....	275,680	108,164	167,516	250,710	24,970	199,725	175,404	24,321	75,955	75,306	649
2001.....	289,985	112,874	177,111	260,547	29,438	210,083	181,346	28,737	79,201	79,201	701
2002.....	299,041	115,466	183,575	269,020	30,021	218,433	189,183	29,250	80,608	79,837	771
2003.....	306,727	117,795	188,932	274,326	32,401	228,096	196,077	32,019	78,631	78,249	382
2004.....	308,939	118,129	190,810	276,136	32,803	231,179	198,810	32,369	77,760	77,326	434
2005.....	311,768	120,023	191,745	272,666	39,102	235,875	197,200	38,675	75,893	75,466	427
2006.....	308,774	118,865	189,909	272,770	36,004	234,505	198,676	35,829	74,269	74,094	175
2007.....	306,515	118,640	187,875	270,915	35,600	233,807	198,300	35,507	72,708	72,615	93
2008.....	313,491	121,873	191,618	274,568	38,923	235,824	197,025	38,799	77,667	77,543	124
2009.....	322,860	125,728	197,132	280,133	42,727	246,595	204,016	42,579	76,265	76,117	148
2010.....	326,614	127,437	199,177	283,099	43,515	249,146	205,774	43,372	77,468	77,325	143
2011.....	323,648	126,160	197,488	281,150	42,498	246,685	204,363	42,322	76,963	76,787	176
2012.....	312,438	121,719	190,719	273,033	39,405	237,782	198,568	39,214	74,656	74,465	191
2013.....	303,191	119,299	183,892	264,454	38,737	230,325	191,918	38,407	72,866	72,536	330
2014.....	294,316	115,837	178,479	256,936	37,380	222,876	185,899	36,977	71,440	71,037	403
2015.....	293,304	115,818	177,486	256,295	37,009	221,276	184,503	36,773	72,028	71,792	236
2016.....	292,083	114,705	177,378	254,839	37,244	220,291	183,493	36,798	71,792	71,346	446
Black students											
1976.....	190,305	84,492	105,813	179,848	10,457	129,770	121,851	7,919	60,535	57,997	2,538
1980.....	190,989	81,818	109,171	181,237	9,752	131,661	124,236	7,425	59,328	57,001	2,327
1982.....	182,639	78,874	103,765	171,942	10,697	126,368	117,562	8,806	56,271	54,380	1,891
1984.....	180,803	76,819	103,984	171,401	9,402	124,445	116,845	7,600	56,358	54,556	1,802
1986.....	178,628	74,276	104,352	167,971	10,657	123,555	114,502	9,053	55,073	53,469	1,604
1988.....	194,151	78,268	115,883	183,402	10,749	133,786	124,438	9,348	60,365	58,964	1,401
1990.....	208,682	82,897	125,785	198,237	10,445	144,204	134,924	9,280	64,478	63,313	1,165
1992.....	228,963	91,949	137,014	217,614	11,349	159,585	149,754	9,831	69,378	67,860	1,518
1993.....	231,198	93,110	138,088	219,431	11,767	161,444	150,867	10,577	69,754	68,564	1,190
1994.....	230,162	91,908	138,254	218,565	11,597	161,098	150,682	10,416	69,606	67,883	1,181
1995.....	229,418	91,132	138,286	218,379	11,039	159,925	149,661	10,264	69,493	68,718	775
1996.....	224,201	88,306	135,895	213,309	10,892	156,851	146,753	10,098	67,350	66,556	794
1997.....	222,331	86,641	135,690	210,741	11,590	153,039	142,326	10,713	69,292	68,415	877
1998.....	223,745	87,163	136,582	211,822	11,923	154,244	142,985	11,259	69,501	68,837	664
1999.....	226,592	87,987	138,605	213,779	12,813	156,292	144,166	12,126	70,300	69,613	687
2000.....	227,239	87,319	139,920	215,172	12,067	156,706	145,277	11,429	70,533	69,895	638
2001.....	238,638	90,718	147,920	224,417	14,221	164,354	150,831	13,523	74,284	73,586	698
2002.....	247,292	93,538	153,754	231,834	15,458	172,203	157,507	14,696	75,089	74,327	762
2003.....	253,257	95,703	157,554	236,753	16,504	180,104	163,977	16,127	73,153	72,776	377
2004.....	257,545	96,750	160,795	241,030	16,515	184,708	168,619	16,089	72,837	72,411	426
2005.....	256,584	96,891	159,693	238,030	18,554	186,047	167,916	18,131	70,537	70,114	423
2006.....	255,150	96,508	158,642	238,446	16,704	185,894	169,365	16,529	69,256	69,081	175
2007.....	253,415	96,313	157,102	236,885	16,530	185,344	168,906	16,438	68,071	67,979	92
2008.....	258,403	98,634	159,769	240,133	18,270	186,446	168,299	18,147	71,957	71,834	123
2009.....	264,092	100,590	163,502	243,956	20,136	194,088	174,099	19,989	70,004	69,857	147
2010.....	265,908	101,605	164,303	245,158	20,750	193,840	173,233	20,607	72,068	71,925	143
2011.....	263,435	100,526	162,909	242,881	20,554	192,042	171,664	20,378	71,393	71,217	176
2012.....	251,527	96,079	155,448	232,897	18,630	183,018	164,578	18,440	68,509	68,319	190
2013.....	241,485	92,491	148,994	223,491	17,994	175,308	157,640	17,668	66,177	65,851	326
2014.....	231,889	88,469	143,420	214,631	17,258	167,246	150,383	16,863	64,643	64,248	395
2015.....	228,062	86,857	141,205	211,698	16,364	163,508	147,376	16,132	64,554	64,322	232
2016.....	223,515	84,155	139,360	207,382	16,133	160,053	144,176	15,877	63,462	63,206	256

NOTE: Historically Black colleges and universities are degree-granting institutions established prior to 1964 with the principal mission of educating Black Americans. Federal regulations, 20 U.S. Code, Section 1061 (2), allow for certain exceptions to the founding date. Data through 1995 are for institutions of higher education, while later data are for degree-granting institutions. Degree-granting institutions grant associate's or higher degrees and participate in Title IV federal financial aid programs. The degree-granting classification is very similar to the earlier higher education classification, but it includes more 2-year col-

leges and excludes a few higher education institutions that did not grant degrees. Some data have been revised from previously published figures.  
SOURCE: U.S. Department of Education, National Center for Education Statistics, Higher Education General Information Survey (HIGIS), "Fall Enrollment in Colleges and Universities," 1976 through 1985 surveys; Integrated Postsecondary Education Data System (IPEDS), "Fall Enrollment Survey" (IPEDS-EF:86-99); and IPEDS Spring 2001 through Spring 2017, Fall Enrollment component. (This table was prepared November 2017.)

**Table 313.30. Selected statistics on degree-granting historically Black colleges and universities, by control and level of institution: Selected years, 1990 through 2016**

Selected statistics	Total	Public			Private		
		Total	4-year	2-year	Total	4-year	2-year
1	2	3	4	5	6	7	8
<b>Number of institutions, fall 2016</b> .....	<b>102</b>	<b>51</b>	<b>40</b>	<b>11</b>	<b>51</b>	<b>50</b>	<b>1</b>
<b>Fall enrollment</b>							
Total enrollment, fall 1990.....	257,152	187,046	171,969	15,077	70,106	68,528	1,578
Males.....	105,157	76,541	70,220	6,321	28,616	28,054	562
Males, Black.....	82,897	57,255	54,041	3,214	25,642	25,198	444
Females.....	151,995	110,505	101,749	8,756	41,490	40,474	1,016
Females, Black.....	125,785	86,949	80,883	6,066	38,836	38,115	721
Total enrollment, fall 2000.....	275,680	199,725	175,404	24,321	75,955	75,306	649
Males.....	108,164	78,186	68,322	9,864	29,978	29,771	207
Males, Black.....	87,319	60,029	56,017	4,012	27,290	27,085	205
Females.....	167,516	121,539	107,082	14,457	45,977	45,535	442
Females, Black.....	139,920	96,677	89,260	7,417	43,243	42,810	433
Total enrollment, fall 2010.....	326,614	249,146	205,774	43,372	77,468	77,325	143
Males.....	127,437	95,883	78,528	17,355	31,554	31,482	72
Males, Black.....	101,605	72,629	65,512	7,117	28,976	28,904	72
Females.....	199,177	153,263	127,246	26,017	45,914	45,843	71
Females, Black.....	164,303	121,211	107,221	13,490	43,092	43,021	71
Total enrollment, fall 2016.....	292,083	220,291	183,493	36,798	71,792	71,346	446
Males.....	114,705	85,602	70,124	15,478	29,103	28,873	230
Males, Black.....	84,155	58,994	53,005	5,989	25,161	25,060	101
Females.....	177,378	134,689	113,369	21,320	42,689	42,473	216
Females, Black.....	139,360	101,059	91,171	9,888	38,301	38,146	155
Full-time enrollment, fall 2016.....	227,510	162,718	147,847	14,871	64,792	64,384	408
Males.....	91,028	64,855	58,099	6,756	26,173	25,956	217
Females.....	136,482	97,863	89,748	8,115	38,619	38,428	191
Part-time enrollment, fall 2016.....	64,573	57,573	35,646	21,927	7,000	6,962	38
Males.....	23,677	20,747	12,025	8,722	2,930	2,917	13
Females.....	40,896	36,826	23,621	13,205	4,070	4,045	25
<b>Earned degrees conferred, 2015–16</b>							
Associate's.....	4,555	4,232	771	3,461	323	294	29
Males.....	1,635	1,500	193	1,307	135	131	4
Males, Black.....	602	487	94	393	115	112	3
Females.....	2,920	2,732	578	2,154	188	163	25
Females, Black.....	1,471	1,297	297	1,000	174	153	21
Bachelor's.....	33,868	24,177	24,177	†	9,691	9,691	†
Males.....	12,065	8,579	8,579	†	3,486	3,486	†
Males, Black.....	9,597	6,531	6,531	†	3,066	3,066	†
Females.....	21,803	15,598	15,598	†	6,205	6,205	†
Females, Black.....	17,975	12,355	12,355	†	5,620	5,620	†
Master's.....	7,972	6,510	6,510	†	1,462	1,462	†
Males.....	2,502	2,026	2,026	†	476	476	†
Males, Black.....	1,612	1,258	1,258	†	354	354	†
Females.....	5,470	4,484	4,484	†	986	986	†
Females, Black.....	3,946	3,136	3,136	†	810	810	†
Doctor's <sup>1</sup> .....	2,481	1,393	1,393	†	1,088	1,088	†
Males.....	952	526	526	†	426	426	†
Males, Black.....	500	221	221	†	279	279	†
Females.....	1,529	867	867	†	662	662	†
Females, Black.....	1,002	514	514	†	488	488	†
<b>Financial statistics, 2015–16<sup>2</sup></b>							
In thousands of current dollars							
Total revenue.....	\$7,764,580	\$5,167,127	\$4,813,772	\$353,356	\$2,597,452	\$2,593,256	\$4,196
Student tuition and fees.....	1,853,725	959,452	917,539	41,913	894,273	892,731	1,543
Federal government <sup>3</sup> .....	1,921,975	1,208,973	1,076,582	132,391	713,002	711,807	1,194
State governments.....	2,098,927	1,966,755	1,838,530	128,225	132,172	132,172	0
Local governments.....	104,350	75,745	43,038	32,707	28,605	28,349	256
Private gifts and grants <sup>4</sup> .....	320,570	87,542	85,130	2,412	233,028	232,421	607
Investment return (gain or loss).....	-63,641	21,106	20,757	349	-84,746	-84,746	0
Auxiliary (essentially self-supporting) enterprises.....	912,679	558,541	552,505	6,035	354,138	353,541	596
Hospitals and other sources.....	615,995	289,014	279,690	9,325	326,981	326,981	0
Total expenditures.....	7,576,443	4,870,817	4,526,386	344,431	2,705,626	2,702,047	3,579
Instruction.....	2,248,777	1,543,068	1,405,656	137,412	705,709	704,752	957
Research.....	453,646	299,809	299,804	5	153,837	153,837	0
Academic support.....	643,724	453,797	426,619	27,179	189,927	189,601	325
Institutional support.....	1,378,843	735,287	668,810	66,478	643,556	642,053	1,503
Auxiliary (essentially self-supporting) enterprises.....	1,022,288	711,126	702,016	9,110	311,162	310,559	603
Other expenditures.....	1,829,165	1,127,730	1,023,482	104,248	701,436	701,245	190

†Not applicable.

<sup>1</sup>Includes Ph.D., Ed.D., and comparable degrees at the doctoral level, as well as such degrees as M.D., D.D.S., and law degrees that were formerly classified as first-professional degrees.

<sup>2</sup>Totals (column 2) of public and private institutions together are approximate because public and private nonprofit institutions fill out different survey forms with different accounting concepts.

<sup>3</sup>Includes independent operations.

<sup>4</sup>Includes contributions from affiliated entities.

NOTE: Degree-granting institutions grant associate's or higher degrees and participate in Title IV federal financial aid programs. Historically Black colleges and universities are degree-granting institutions established prior to 1964 with the principal mission of educating Black Americans.

Federal regulations, 20 U.S. Code, Section 1061 (2), allow for certain exceptions to the founding date. Federal, state, and local governments revenue includes appropriations, grants, and contracts. Totals include persons of other racial/ethnic groups not separately identified. Detail may not sum to totals because of rounding.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), "Fall Enrollment Survey" (IPEDS-EF:90); IPEDS Spring 2001, Spring 2011, and Spring 2017, Fall Enrollment component; IPEDS Spring 2017, Finance component; and IPEDS Fall 2016, Completions component. (This table was prepared November 2017.)

**Table 314.10. Total and full-time-equivalent (FTE) staff and FTE student/FTE staff ratios in postsecondary institutions participating in Title IV programs, by degree-granting status, control of institution, and primary occupation: Fall 1995, fall 2005, and fall 2016**

Degree-granting status, control of institution, and primary occupation	Fall 1995				Fall 2005				Fall 2016			
	Total		Full-time-equivalent (FTE)		Total		Full-time-equivalent (FTE)		Total		Full-time-equivalent (FTE)	
	Number	Percent	Total	FTE students per FTE staff	Number	Percent	Total	FTE students per FTE staff	Number	Percent	Total	FTE students per FTE staff
1	2	3	4	5	6	7	8	9	10	11	12	13
<b>All postsecondary institutions</b> .....	<b>2,770,704</b>	<b>100.0</b>	<b>2,169,006</b>	<b>5.1</b>	<b>3,428,811</b>	<b>100.0</b>	<b>2,620,464</b>	<b>5.2</b>	<b>3,991,160</b>	<b>100.0</b>	<b>3,041,031</b>	<b>5.0</b>
Faculty (instruction/research/public service).....	988,441	35.7	716,460	15.4	1,314,506	38.3	898,004	15.1	1,581,424	39.6	1,082,481	14.1
Graduate assistants.....	219,218	7.9	73,073	150.6	317,146	9.2	105,715	128.5	376,043	9.4	125,348	121.7
Other staff.....	1,563,045	56.4	1,379,473	8.0	1,797,159	52.4	1,616,745	8.4	2,033,693	51.0	1,833,203	8.3
<b>Degree-granting institutions<sup>1</sup></b>	<b>2,662,075</b>	<b>100.0</b>	<b>2,088,272</b>	<b>4.9</b>	<b>3,379,087</b>	<b>100.0</b>	<b>2,579,605</b>	<b>5.1</b>	<b>3,926,580</b>	<b>100.0</b>	<b>2,991,513</b>	<b>5.0</b>
Faculty (instruction/research/public service).....	931,706	35.0	677,783	15.2	1,290,426	38.2	880,558	15.0	1,548,732	39.4	1,060,084	14.1
Graduate assistants.....	215,909	8.1	71,970	143.6	317,141	9.4	105,714	124.9	376,043	9.6	125,348	119.2
Other staff.....	1,514,460	56.9	1,338,519	7.7	1,771,520	52.4	1,593,333	8.3	2,001,805	51.0	1,806,082	8.3
Public.....	1,865,930	100.0	1,440,315	5.4	2,267,687	100.0	1,708,805	5.5	2,577,303	100.0	1,947,599	5.4
Faculty (instruction/research/public service) ..	656,833	35.2	476,662	16.3	841,188	37.1	580,793	16.2	976,710	37.9	680,913	15.5
Graduate assistants.....	181,743	9.7	60,581	128.0	257,952	11.4	85,984	109.2	294,798	11.4	98,266	107.6
Other staff.....	1,027,354	55.1	903,072	8.6	1,168,547	51.5	1,042,028	9.0	1,305,795	50.7	1,168,420	9.0
Private, nonprofit.....	769,698	100.0	629,392	3.8	971,425	100.0	780,256	3.7	1,195,513	100.0	945,709	3.7
Faculty (instruction/research/public service) ..	260,900	33.9	193,204	12.4	361,523	37.2	258,380	11.3	476,973	39.9	335,034	10.3
Graduate assistants.....	33,129	4.3	11,043	216.5	59,061	6.1	19,687	148.0	80,874	6.8	26,958	128.1
Other staff.....	475,669	61.8	425,145	5.6	550,841	56.7	502,189	5.8	637,666	53.3	583,717	5.9
Private, for-profit.....	26,447	100.0	18,566	10.3	139,975	100.0	90,544	9.9	153,764	100.0	98,205	9.3
Faculty (instruction/research/public service) ..	13,973	52.8	7,918	24.2	87,715	62.7	41,384	21.7	95,049	61.8	44,137	20.6
Graduate assistants.....	1,037	3.9	346	555.4	128	0.1	43	21,034.9	371	0.2	124	7,368.7
Other staff.....	11,437	43.2	10,302	18.6	52,132	37.2	49,117	18.3	58,344	37.9	53,945	16.9
<b>Non-degree-granting institutions<sup>2</sup></b>	<b>108,629</b>	<b>100.0</b>	<b>80,734</b>	<b>8.3</b>	<b>49,724</b>	<b>100.0</b>	<b>40,859</b>	<b>9.4</b>	<b>64,580</b>	<b>100.0</b>	<b>49,518</b>	<b>6.5</b>
Faculty (instruction/research/public service).....	56,735	52.2	38,677	17.3	24,080	48.4	17,446	22.0	32,692	50.6	22,397	14.4
Graduate assistants.....	3,309	3.0	1,103	605.2	5	#	2	230,619.0	0	0.0	0	†
Other staff.....	48,585	44.7	40,954	16.3	25,639	51.6	23,412	16.4	31,888	49.4	27,121	11.9
Public.....	31,327	100.0	22,819	8.3	23,594	100.0	18,904	3.7	23,180	100.0	16,545	4.6
Faculty (instruction/research/public service) ..	17,597	56.2	12,186	15.6	11,114	47.1	7,651	9.3	11,880	51.3	7,513	10.1
Graduate assistants.....	1,394	4.4	465	407.8	2	#	1	576,547.6	0	0.0	0	†
Other staff.....	12,336	39.4	10,168	18.6	12,478	52.9	11,253	6.3	11,300	48.7	9,032	8.4
Private, nonprofit.....	24,941	100.0	17,534	7.5	3,618	100.0	2,930	8.8	3,935	100.0	3,088	5.6
Faculty (instruction/research/public service) ..	12,705	50.9	8,097	16.3	1,768	48.9	1,347	19.3	1,757	44.7	1,227	14.0
Graduate assistants.....	494	2.0	165	802.0	0	0.0	0	†	0	0.0	0	†
Other staff.....	11,742	47.1	9,272	14.2	1,850	51.1	1,583	16.4	2,178	55.3	1,861	9.2
Private, for-profit.....	52,361	100.0	40,381	8.6	22,512	100.0	19,025	15.1	37,465	100.0	29,885	7.7
Faculty (instruction/research/public service) ..	26,433	50.5	18,394	18.8	11,198	49.7	8,449	34.0	19,055	50.9	13,657	16.8
Graduate assistants.....	1,421	2.7	474	730.3	3	#	1	287,553.0	0	0.0	0	†
Other staff.....	24,507	46.8	21,514	16.1	11,311	50.2	10,576	27.2	18,410	49.1	16,228	14.1

†Not applicable.

#Rounds to zero.

<sup>1</sup>Data for 1995 are for institutions of higher education, while later data are for degree-granting institutions. Degree-granting institutions grant associate's or higher degrees and participate in Title IV federal financial aid programs. The degree-granting classification is very similar to the earlier higher education classification, but it includes more 2-year colleges and excludes a few higher education institutions that did not grant degrees.

<sup>2</sup>Data are for institutions that did not offer accredited 4-year or 2-year degree programs, but were participating in Title IV federal financial aid programs. Includes some institutions transitioning to higher level program offerings, though still classified at a lower level.

NOTE: Full-time-equivalent staff is the full-time staff, plus the full-time equivalent of the part-time staff. Data for 2016 include institutions with fewer than 15 full-time employees; these institutions did not report staff data prior to 2007. By definition, all graduate assistants are part time. Detail may not sum to totals because of rounding. Some data have been revised from previously published figures.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), "Fall Enrollment Survey" (IPEDS-EF:95) and "Fall Staff Survey" (IPEDS-S:95); IPEDS Spring 2006 and Spring 2017, Fall Enrollment component; and IPEDS Spring 2006 and Spring 2017, Human Resources component, Fall Staff section. (This table was prepared December 2017.)

**Table 314.20. Employees in degree-granting postsecondary institutions, by sex, employment status, control and level of institution, and primary occupation: Selected years, fall 1991 through fall 2016**

Sex, employment status, control and level of institution, and primary occupation	1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2015	2016	Percent change, 2005 to 2016
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
<b>All institutions</b> .....	<b>2,545,235</b>	<b>2,602,612</b>	<b>2,662,075</b>	<b>2,752,504</b>	<b>2,883,175</b>	<b>3,083,353</b>	<b>3,187,907</b>	<b>3,379,087</b>	<b>3,561,428</b>	<b>3,724,019</b>	<b>3,841,819</b>	<b>3,896,053</b>	<b>3,914,284</b>	<b>3,926,580</b>	<b>16.2</b>
Executive/administrative/managerial .....	144,755	143,675	147,445	151,363	159,888	152,038	184,913	196,324	217,518	230,438	238,677	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	†
Faculty (instruction/research/public service).....	826,252	915,474	931,706	989,813	1,027,830	1,113,183	1,173,593	1,290,426	1,371,390	1,439,074	1,524,469	1,545,381	1,552,256	1,548,732	20.0
Graduate assistants.....	197,751	202,819	215,909	222,724	239,738	261,136	292,061	317,141	328,979	343,204	355,916	363,416	366,868	376,043	18.6
Other.....	1,376,477	1,340,644	1,367,015	1,388,604	1,455,719	1,556,996	1,537,340	1,575,196	1,643,541	1,711,303	1,722,757	1,987,256	1,995,160	2,001,805	†
<b>Males</b> .....	<b>1,227,591</b>	<b>1,256,037</b>	<b>1,274,676</b>	<b>1,315,311</b>	<b>1,365,812</b>	<b>1,451,773</b>	<b>1,496,867</b>	<b>1,581,498</b>	<b>1,650,350</b>	<b>1,709,940</b>	<b>1,754,919</b>	<b>1,772,803</b>	<b>1,776,928</b>	<b>1,781,955</b>	<b>12.7</b>
Executive/administrative/managerial .....	85,423	82,748	82,127	81,931	83,883	79,348	91,604	95,223	102,258	106,842	109,336	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	†
Faculty (instruction/research/public service).....	525,599	561,123	562,893	587,420	602,469	644,514	663,723	714,453	743,812	761,002	789,567	791,971	789,405	785,157	9.9
Graduate assistants.....	119,125	120,384	123,962	125,873	132,607	142,120	156,881	167,529	173,121	181,328	188,305	191,501	193,202	196,589	17.3
Other.....	497,444	491,782	505,694	520,087	546,853	585,791	584,659	604,293	631,159	660,768	667,711	789,331	794,321	800,209	†
<b>Females</b> .....	<b>1,317,644</b>	<b>1,346,575</b>	<b>1,387,399</b>	<b>1,437,193</b>	<b>1,517,363</b>	<b>1,631,580</b>	<b>1,691,040</b>	<b>1,797,589</b>	<b>1,911,078</b>	<b>2,014,079</b>	<b>2,086,900</b>	<b>2,123,250</b>	<b>2,137,356</b>	<b>2,144,625</b>	<b>19.3</b>
Executive/administrative/managerial .....	59,332	60,927	65,318	69,432	76,005	72,690	93,309	101,101	115,260	123,596	129,341	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	†
Faculty (instruction/research/public service).....	300,653	354,351	368,813	402,393	425,361	468,669	509,870	575,973	627,578	678,072	734,902	753,410	762,851	763,575	32.6
Graduate assistants.....	78,626	82,435	91,947	96,851	107,131	119,016	135,180	149,612	155,858	161,876	167,611	171,915	173,666	179,454	19.9
Other.....	879,033	848,862	861,321	868,517	908,866	971,205	952,681	970,903	1,012,382	1,060,535	1,055,046	1,197,925	1,200,839	1,201,596	†
<b>Full-time</b> .....	<b>1,812,912</b>	<b>1,783,510</b>	<b>1,801,371</b>	<b>1,828,507</b>	<b>1,918,676</b>	<b>2,043,208</b>	<b>2,083,142</b>	<b>2,179,864</b>	<b>2,281,223</b>	<b>2,381,738</b>	<b>2,435,988</b>	<b>2,472,434</b>	<b>2,507,787</b>	<b>2,523,980</b>	<b>15.8</b>
Executive/administrative/managerial .....	139,116	137,834	140,990	144,529	153,722	146,523	178,691	190,078	210,257	222,143	231,559	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	†
Faculty (instruction/research/public service).....	535,623	545,706	550,822	568,719	590,937	617,868	630,092	675,624	703,463	729,152	762,114	791,378	807,109	815,760	20.7
Other.....	1,138,173	1,099,970	1,109,559	1,115,259	1,174,017	1,278,817	1,274,359	1,314,162	1,367,503	1,430,443	1,442,315	1,681,056	1,700,678	1,708,220	†
<b>Part-time</b> .....	<b>732,323</b>	<b>819,102</b>	<b>860,704</b>	<b>923,997</b>	<b>964,499</b>	<b>1,040,145</b>	<b>1,104,765</b>	<b>1,199,223</b>	<b>1,280,205</b>	<b>1,342,281</b>	<b>1,405,831</b>	<b>1,423,619</b>	<b>1,406,497</b>	<b>1,402,600</b>	<b>17.0</b>
Executive/administrative/managerial .....	5,639	5,841	6,455	6,834	6,166	5,515	6,222	6,246	7,261	8,295	7,118	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	†
Faculty (instruction/research/public service).....	290,629	369,768	380,884	421,094	436,893	495,315	543,501	614,802	667,927	709,922	762,355	754,003	745,147	732,972	19.2
Graduate assistants.....	197,751	202,819	215,909	222,724	239,738	261,136	292,061	317,141	328,979	343,204	355,916	363,416	366,868	376,043	18.6
Other.....	238,304	240,674	257,456	273,345	281,702	278,179	262,981	261,034	276,038	280,860	280,442	306,200	294,482	293,585	†
<b>Public 4-year</b> .....	<b>1,341,914</b>	<b>1,333,533</b>	<b>1,383,476</b>	<b>1,418,661</b>	<b>1,470,842</b>	<b>1,558,576</b>	<b>1,569,870</b>	<b>1,656,709</b>	<b>1,741,699</b>	<b>1,803,634</b>	<b>1,843,314</b>	<b>1,884,854</b>	<b>1,925,674</b>	<b>1,986,171</b>	<b>19.9</b>
Executive/administrative/managerial .....	63,674	59,678	60,590	61,984	64,336	60,245	70,397	74,241	81,364	84,214	84,918	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	†
Faculty (instruction/research/public service).....	358,376	374,021	384,399	404,109	417,086	438,459	450,123	486,691	518,221	539,946	575,624	601,126	622,283	648,899	33.3
Graduate assistants.....	144,344	170,916	178,342	182,481	196,393	218,260	239,600	257,578	266,429	275,878	285,905	287,839	291,770	294,789	14.4
Other.....	775,520	728,918	760,145	770,087	793,027	841,612	809,750	838,199	875,685	903,596	896,867	995,889	1,011,621	1,042,483	†
<b>Private 4-year</b> .....	<b>734,509</b>	<b>762,034</b>	<b>770,004</b>	<b>786,634</b>	<b>857,820</b>	<b>912,924</b>	<b>988,895</b>	<b>1,073,764</b>	<b>1,157,226</b>	<b>1,230,410</b>	<b>1,297,376</b>	<b>1,318,760</b>	<b>1,323,899</b>	<b>1,308,688</b>	<b>21.9</b>
Executive/administrative/managerial .....	57,148	59,230	62,314	62,580	69,626	65,739	84,306	90,415	103,183	111,616	118,220	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	†
Faculty (instruction/research/public service).....	232,893	251,948	262,660	278,541	296,737	325,713	364,166	430,305	472,628	498,403	540,018	550,512	558,262	550,243	27.9
Graduate assistants.....	23,989	28,880	33,853	36,064	38,597	41,611	52,101	59,147	62,550	67,326	70,011	75,537	75,079	81,245	37.4
Other.....	420,479	421,976	411,177	409,449	452,860	479,861	488,322	493,897	518,865	553,065	569,127	692,711	690,558	677,200	†
<b>Public 2-year</b> .....	<b>441,414</b>	<b>478,980</b>	<b>482,454</b>	<b>512,086</b>	<b>517,967</b>	<b>578,394</b>	<b>593,466</b>	<b>610,978</b>	<b>620,784</b>	<b>638,416</b>	<b>642,455</b>	<b>642,430</b>	<b>622,754</b>	<b>591,132</b>	<b>-3.2</b>
Executive/administrative/managerial .....	20,772	21,531	21,806	22,822	21,459	22,566	25,872	26,770	27,363	27,827	27,562	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	†
Faculty (instruction/research/public service).....	222,532	276,413	272,434	290,451	296,239	332,665	341,643	354,497	358,925	373,842	378,535	367,608	348,708	327,811	-7.5
Graduate assistants.....	29,216	27,623	3,401	3,561	4,170	1,215	323	374	0	0	0	13	13	9	-97.6
Other.....	168,894	178,274	184,813	195,252	196,099	221,948	225,628	229,337	234,496	236,747	236,358	274,809	274,033	263,312	†
<b>Private 2-year</b> .....	<b>27,398</b>	<b>28,065</b>	<b>26,141</b>	<b>35,123</b>	<b>36,546</b>	<b>33,459</b>	<b>35,676</b>	<b>37,636</b>	<b>41,719</b>	<b>51,559</b>	<b>58,674</b>	<b>50,009</b>	<b>41,957</b>	<b>40,589</b>	<b>7.8</b>
Executive/administrative/managerial .....	3,161	3,236	2,735	3,977	4,467	3,488	4,338	4,898	5,608	6,781	7,977	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	†
Faculty (instruction/research/public service).....	12,451	13,092	12,213	16,712	17,768	16,346	17,661	18,933	21,616	26,883	30,292	26,135	23,003	21,779	15.0
Graduate assistants.....	202	261	313	618	578	50	37	42	0	0	0	27	6	0	-100.0
Other.....	11,584	11,476	10,880	13,816	13,733	13,575	13,640	13,763	14,495	17,895	20,405	23,847	18,948	18,810	†

†Not applicable.

<sup>1</sup>Included in other. Primary occupations were reclassified as of fall 2013; only the faculty and graduate assistant categories are comparable with data from earlier years.

NOTE: Data through 1995 are for institutions of higher education, while later data are for degree-granting institutions. Degree-granting institutions grant associate's or higher degrees and participate in Title IV federal financial aid programs. The degree-granting classification is very similar to the earlier higher education classification, but it includes more 2-year colleges and excludes a few higher education institutions that did not grant degrees. Beginning in

2007, includes institutions with fewer than 15 full-time employees; these institutions did not report staff data prior to 2007. By definition, all graduate assistants are part time. Some data have been revised from previously published figures.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), "Fall Staff Survey" (IPEDS-S.91-99); IPEDS Winter 2001-02 through Winter 2011-12, Human Resources component, Fall Staff section; and IPEDS Spring 2014 through Spring 2017, Human Resources component, Fall Staff section. (This table was prepared December 2017.)

**Table 314.30. Employees in degree-granting postsecondary institutions, by employment status, sex, control and level of institution, and primary occupation: Fall 2016**

Control and level of institution and primary occupation	Full-time and part-time					Full-time				Part-time		
	Total		Males	Females		Total		Males	Females	Total	Males	Females
	Number	Percentage distribution		Number	Percent of all employees	Number	Percent of all employees					
1	2	3	4	5	6	7	8	9	10	11	12	13
<b>All institutions</b> .....	<b>3,926,580</b>	<b>100.0</b>	<b>1,781,955</b>	<b>2,144,625</b>	<b>54.6</b>	<b>2,523,980</b>	<b>64.3</b>	<b>1,129,386</b>	<b>1,394,594</b>	<b>1,402,600</b>	<b>652,569</b>	<b>750,031</b>
Faculty (instruction/research/public service).....	1,548,732	39.4	785,157	763,575	49.3	815,760	52.7	441,430	374,330	732,972	343,727	389,245
Instruction .....	1,430,390	36.4	719,361	711,029	49.7	719,873	50.3	386,778	333,095	710,517	332,583	377,934
Research .....	89,627	2.3	52,255	37,372	41.7	75,620	84.4	44,748	30,872	14,007	7,507	6,500
Public service.....	28,715	0.7	13,541	15,174	52.8	20,267	70.6	9,904	10,363	8,448	3,637	4,811
Graduate assistants.....	376,043	9.6	196,589	179,454	47.7	†	†	†	†	376,043	196,589	179,454
Librarians, curators, and archivists .....	42,036	1.1	12,509	29,527	70.2	35,832	85.2	10,924	24,908	6,204	1,585	4,619
Student and academic affairs and other education services .....	179,164	4.6	58,163	121,001	67.5	121,296	67.7	36,249	85,047	57,868	21,914	35,954
Management.....	259,267	6.6	114,027	145,240	56.0	252,156	97.3	111,175	140,981	7,111	2,852	4,259
Business and financial operations .....	210,577	5.4	56,745	153,832	73.1	197,107	93.6	53,225	143,882	13,470	3,520	9,950
Computer, engineering, and science .....	233,765	6.0	142,122	91,643	39.2	214,249	91.7	133,329	80,920	19,516	8,793	10,723
Community, social service, legal, arts, design, entertainment, sports, and media .....	180,609	4.6	80,595	100,014	55.4	146,021	80.8	64,048	81,973	34,588	16,547	18,041
Healthcare practitioners and technicians.....	115,891	3.0	33,597	82,294	71.0	94,899	81.9	28,250	66,649	20,992	5,347	15,645
Service occupations .....	245,379	6.2	141,642	103,737	42.3	202,931	82.7	118,276	84,655	42,448	23,366	19,082
Sales and related occupations .....	12,965	0.3	4,525	8,440	65.1	10,521	81.1	3,874	6,647	2,444	651	1,793
Office and administrative support.....	428,493	10.9	72,019	356,474	83.2	347,181	81.0	49,970	297,211	81,312	22,049	59,263
Natural resources, construction, and maintenance .....	74,337	1.9	68,350	5,987	8.1	70,156	94.4	65,309	4,847	4,181	3,041	1,140
Production, transportation, and material moving.....	19,322	0.5	15,915	3,407	17.6	15,871	82.1	13,327	2,544	3,451	2,588	863
<b>Public 4-year</b> .....	<b>1,986,171</b>	<b>100.0</b>	<b>920,448</b>	<b>1,065,723</b>	<b>53.7</b>	<b>1,348,445</b>	<b>67.9</b>	<b>618,046</b>	<b>730,399</b>	<b>637,726</b>	<b>302,402</b>	<b>335,324</b>
Faculty (instruction/research/public service).....	648,899	32.7	343,362	305,537	47.1	428,100	66.0	239,260	188,840	220,799	104,102	116,697
Instruction .....	577,133	29.1	303,786	273,347	47.4	368,633	63.9	205,916	162,717	208,500	97,870	110,630
Research .....	55,570	2.8	32,094	23,476	42.2	46,533	83.7	27,332	19,201	9,037	4,762	4,275
Public service.....	16,196	0.8	7,482	8,714	53.8	12,934	79.9	6,012	6,922	3,262	1,470	1,792
Graduate assistants.....	294,789	14.8	153,576	141,213	47.9	†	†	†	†	294,789	153,576	141,213
Librarians, curators, and archivists .....	18,484	0.9	5,666	12,818	69.3	16,944	91.7	5,267	11,677	1,540	399	1,141
Student and academic affairs and other education services .....	65,564	3.3	21,104	44,460	67.8	49,545	75.6	15,139	34,406	16,019	5,965	10,054
Management.....	117,539	5.9	52,970	64,569	54.9	114,178	97.1	51,601	62,577	3,361	1,369	1,992
Business and financial operations .....	124,877	6.3	33,288	91,589	73.3	116,204	93.1	30,980	85,224	8,673	2,308	6,365
Computer, engineering, and science .....	145,851	7.3	88,024	57,827	39.6	133,716	91.7	82,959	50,757	12,135	5,065	7,070
Community, social service, legal, arts, design, entertainment, sports, and media .....	87,804	4.4	36,843	50,961	58.0	75,865	86.4	31,911	43,954	11,939	4,932	7,007
Healthcare practitioners and technicians.....	76,390	3.8	22,735	53,655	70.2	64,326	84.2	19,908	44,418	12,064	2,827	9,237
Service occupations .....	132,963	6.7	71,957	61,006	45.9	113,886	85.7	62,236	51,650	19,077	9,721	9,356
Sales and related occupations .....	2,992	0.2	1,076	1,916	64.0	2,313	77.3	882	1,431	679	194	485
Office and administrative support.....	208,454	10.5	34,091	174,363	83.6	175,880	84.4	25,185	150,695	32,574	8,906	23,668
Natural resources, construction, and maintenance .....	48,580	2.4	44,990	3,590	7.4	46,224	95.2	43,207	3,017	2,356	1,783	573
Production, transportation, and material moving.....	12,985	0.7	10,766	2,219	17.1	11,264	86.7	9,511	1,753	1,721	1,255	466
<b>Public 2-year</b> .....	<b>591,132</b>	<b>100.0</b>	<b>251,176</b>	<b>339,956</b>	<b>57.5</b>	<b>284,302</b>	<b>48.1</b>	<b>115,131</b>	<b>169,171</b>	<b>306,830</b>	<b>136,045</b>	<b>170,785</b>
Faculty (instruction/research/public service).....	327,811	55.5	149,787	178,024	54.3	104,915	32.0	47,175	57,740	222,896	102,612	120,284
Instruction .....	324,088	54.8	148,398	175,690	54.2	104,362	32.2	46,988	57,374	219,726	101,410	118,316
Research .....	110	#	45	65	59.1	99	90.0	42	57	11	3	8
Public service.....	3,613	0.6	1,344	2,269	62.8	454	12.6	145	309	3,159	1,199	1,960
Graduate assistants.....	9	#	6	3	33.3	†	†	†	†	9	6	3
Librarians, curators, and archivists .....	5,245	0.9	1,154	4,091	78.0	3,548	67.6	805	2,743	1,697	349	1,348
Student and academic affairs and other education services .....	49,048	8.3	17,076	31,972	65.2	21,055	42.9	6,191	14,864	27,993	10,885	17,108
Management.....	31,740	5.4	13,134	18,606	58.6	30,654	96.6	12,695	17,959	1,086	439	647
Business and financial operations .....	16,783	2.8	4,405	12,378	73.8	15,002	89.4	3,849	11,153	1,781	556	1,225
Computer, engineering, and science .....	16,111	2.7	10,768	5,343	33.2	13,447	83.5	9,192	4,255	2,664	1,576	1,088
Community, social service, legal, arts, design, entertainment, sports, and media .....	23,404	4.0	8,943	14,461	61.8	16,035	68.5	5,723	10,312	7,369	3,220	4,149
Healthcare practitioners and technicians.....	1,480	0.3	512	968	65.4	721	48.7	288	433	759	224	535
Service occupations .....	33,520	5.7	23,364	10,156	30.3	23,168	69.1	16,762	6,406	10,352	6,602	3,750
Sales and related occupations .....	1,824	0.3	500	1,324	72.6	969	53.1	285	684	855	215	640
Office and administrative support.....	76,650	13.0	14,898	61,752	80.6	48,504	63.3	6,434	42,070	28,146	8,464	19,682
Natural resources, construction, and maintenance .....	6,232	1.1	5,613	619	9.9	5,520	88.6	5,109	411	712	504	208
Production, transportation, and material moving.....	1,275	0.2	1,016	259	20.3	764	59.9	623	141	511	393	118

See notes at end of table.

**Table 314.30. Employees in degree-granting postsecondary institutions, by employment status, sex, control and level of institution, and primary occupation: Fall 2016—Continued**

Control and level of institution and primary occupation	Full-time and part-time					Full-time				Part-time		
	Total		Males	Females		Total		Males	Females	Total	Males	Females
	Number	Percentage distribution		Number	Percent of all employees	Number	Percent of all employees					
1	2	3	4	5	6	7	8	9	10	11	12	13
<b>Private nonprofit 4-year .....</b>	<b>1,186,752</b>	<b>100.0</b>	<b>544,446</b>	<b>642,306</b>	<b>54.1</b>	<b>814,556</b>	<b>68.6</b>	<b>366,977</b>	<b>447,579</b>	<b>372,196</b>	<b>177,469</b>	<b>194,727</b>
Faculty (instruction/research/public service).....	473,327	39.9	249,607	223,720	47.3	262,371	55.4	146,092	116,279	210,956	103,515	107,441
Instruction .....	430,689	36.3	224,865	205,824	47.8	226,664	52.6	125,032	101,632	204,025	99,833	104,192
Research .....	33,843	2.9	20,075	13,768	40.7	28,913	85.4	17,345	11,568	4,930	2,730	2,200
Public service.....	8,795	0.7	4,667	4,128	46.9	6,794	77.2	3,715	3,079	2,001	952	1,049
Graduate assistants.....	80,874	6.8	42,841	38,033	47.0	†	†	†	†	80,874	42,841	38,033
Librarians, curators, and archivists .....	17,091	1.4	5,374	11,717	68.6	14,538	85.1	4,643	9,895	2,553	731	1,822
Student and academic affairs and other education services .....	47,883	4.0	14,754	33,129	69.2	35,753	74.7	10,525	25,228	12,130	4,229	7,901
Management.....	97,465	8.2	42,666	54,799	56.2	95,005	97.5	41,701	53,304	2,460	965	1,495
Business and financial operations .....	63,595	5.4	17,491	46,104	72.5	60,831	95.7	16,880	43,951	2,764	611	2,153
Computer, engineering, and science .....	69,677	5.9	41,695	27,982	40.2	65,080	93.4	39,637	25,443	4,597	2,058	2,539
Community, social service, legal, arts, design, entertainment, sports, and media.....	63,934	5.4	32,531	31,403	49.1	49,244	77.0	24,446	24,798	14,690	8,085	6,605
Healthcare practitioners and technicians.....	37,721	3.2	10,255	27,466	72.8	29,682	78.7	7,985	21,697	8,039	2,270	5,769
Service occupations .....	76,434	6.4	44,684	31,750	41.5	64,316	84.1	38,197	26,119	12,118	6,487	5,631
Sales and related occupations .....	3,745	0.3	1,278	2,467	65.9	3,125	83.4	1,121	2,004	620	157	463
Office and administrative support.....	131,338	11.1	20,138	111,200	84.7	113,057	86.1	16,147	96,910	18,281	3,991	14,290
Natural resources, construction, and maintenance .....	18,878	1.6	17,201	1,677	8.9	17,870	94.7	16,533	1,337	1,008	668	340
Production, transportation, and material moving.....	4,790	0.4	3,931	859	17.9	3,684	76.9	3,070	614	1,106	861	245
<b>Private nonprofit 2-year .....</b>	<b>8,761</b>	<b>100.0</b>	<b>3,368</b>	<b>5,393</b>	<b>61.6</b>	<b>6,251</b>	<b>71.4</b>	<b>2,313</b>	<b>3,938</b>	<b>2,510</b>	<b>1,055</b>	<b>1,455</b>
Faculty (instruction/research/public service).....	3,646	41.6	1,457	2,189	60.0	1,693	46.4	631	1,062	1,953	826	1,127
Instruction .....	3,618	41.3	1,447	2,171	60.0	1,677	46.4	627	1,050	1,941	820	1,121
Research .....	19	0.2	7	12	63.2	9	47.4	1	8	10	6	4
Public service.....	9	0.1	3	6	66.7	7	77.8	3	4	2	0	2
Graduate assistants.....	0	0.0	0	0	†	†	†	†	†	0	0	0
Librarians, curators, and archivists .....	116	1.3	25	91	78.4	75	64.7	19	56	41	6	35
Student and academic affairs and other education services .....	2,249	25.7	705	1,544	68.7	2,144	95.3	678	1,466	105	27	78
Management.....	865	9.9	386	479	55.4	839	97.0	374	465	26	12	14
Business and financial operations .....	297	3.4	93	204	68.7	259	87.2	89	170	38	4	34
Computer, engineering, and science .....	200	2.3	161	39	19.5	192	96.0	154	38	8	7	1
Community, social service, legal, arts, design, entertainment, sports, and media.....	276	3.2	154	122	44.2	184	66.7	89	95	92	65	27
Healthcare practitioners and technicians.....	32	0.4	10	22	68.8	22	68.8	8	14	10	2	8
Service occupations .....	269	3.1	211	58	21.6	165	61.3	137	28	104	74	30
Sales and related occupations .....	84	1.0	31	53	63.1	74	88.1	30	44	10	1	9
Office and administrative support.....	642	7.3	67	575	89.6	538	83.8	50	488	104	17	87
Natural resources, construction, and maintenance .....	72	0.8	59	13	18.1	61	84.7	51	10	11	8	3
Production, transportation, and material moving.....	13	0.1	9	4	30.8	5	38.5	3	2	8	6	2
<b>Private for-profit 4-year .....</b>	<b>121,936</b>	<b>100.0</b>	<b>51,011</b>	<b>70,925</b>	<b>58.2</b>	<b>52,146</b>	<b>42.8</b>	<b>20,386</b>	<b>31,760</b>	<b>69,790</b>	<b>30,625</b>	<b>39,165</b>
Faculty (instruction/research/public service).....	76,916	63.1	33,794	43,122	56.1	12,222	15.9	5,489	6,733	64,694	28,305	36,389
Instruction .....	76,773	63.0	33,737	43,036	56.1	12,118	15.8	5,450	6,668	64,655	28,287	36,368
Research .....	51	#	18	33	64.7	34	66.7	14	20	17	4	13
Public service.....	92	0.1	39	53	57.6	70	76.1	25	45	22	14	8
Graduate assistants.....	371	0.3	166	205	55.3	†	†	†	†	371	166	205
Librarians, curators, and archivists .....	813	0.7	219	594	73.1	545	67.0	147	398	268	72	196
Student and academic affairs and other education services .....	11,845	9.7	3,868	7,977	67.3	10,463	88.3	3,127	7,336	1,382	741	641
Management.....	8,388	6.9	3,565	4,823	57.5	8,258	98.5	3,518	4,740	130	47	83
Business and financial operations .....	3,980	3.3	1,232	2,748	69.0	3,849	96.7	1,203	2,646	131	29	102
Computer, engineering, and science .....	1,679	1.4	1,270	409	24.4	1,608	95.8	1,215	393	71	55	16
Community, social service, legal, arts, design, entertainment, sports, and media.....	4,370	3.6	1,880	2,490	57.0	3,953	90.5	1,663	2,290	417	217	200
Healthcare practitioners and technicians.....	149	0.1	65	84	56.4	104	69.8	57	47	45	8	37
Service occupations .....	1,573	1.3	1,041	532	33.8	1,095	69.6	742	353	478	299	179
Sales and related occupations .....	2,896	2.4	1,148	1,748	60.4	2,811	97.1	1,126	1,685	85	22	63
Office and administrative support.....	8,326	6.8	2,252	6,074	73.0	6,744	81.0	1,685	5,059	1,582	567	1,015
Natural resources, construction, and maintenance .....	388	0.3	331	57	14.7	350	90.2	302	48	38	29	9
Production, transportation, and material moving.....	242	0.2	180	62	25.6	144	59.5	112	32	98	68	30

See notes at end of table.

**Table 314.30. Employees in degree-granting postsecondary institutions, by employment status, sex, control and level of institution, and primary occupation: Fall 2016—Continued**

Control and level of institution and primary occupation	Full-time and part-time					Full-time				Part-time		
	Total		Males	Females		Total		Males	Females	Total	Males	Females
	Number	Percentage distribution		Number	Percent of all employees	Number	Percent of all employees					
1	2	3	4	5	6	7	8	9	10	11	12	13
<b>Private for-profit 2-year .....</b>	<b>31,828</b>	<b>100.0</b>	<b>11,506</b>	<b>20,322</b>	<b>63.8</b>	<b>18,280</b>	<b>57.4</b>	<b>6,533</b>	<b>11,747</b>	<b>13,548</b>	<b>4,973</b>	<b>8,575</b>
Faculty (instruction/research/public service).....	18,133	57.0	7,150	10,983	60.6	6,459	35.6	2,783	3,676	11,674	4,367	7,307
Instruction .....	18,089	56.8	7,128	10,961	60.6	6,419	35.5	2,765	3,654	11,670	4,363	7,307
Research .....	34	0.1	16	18	52.9	32	94.1	14	18	2	2	0
Public service.....	10	#	6	4	40.0	8	80.0	4	4	2	2	0
Graduate assistants.....	0	0.0	0	0	†	†	†	†	†	†	†	†
Librarians, curators, and archivists .....	287	0.9	71	216	75.3	182	63.4	43	139	105	28	77
Student and academic affairs and other education services.....	2,575	8.1	656	1,919	74.5	2,336	90.7	589	1,747	239	67	172
Management.....	3,270	10.3	1,306	1,964	60.1	3,222	98.5	1,286	1,936	48	20	28
Business and financial operations .....	1,045	3.3	236	809	77.4	962	92.1	224	738	83	12	71
Computer, engineering, and science .....	247	0.8	204	43	17.4	206	83.4	172	34	41	32	9
Community, social service, legal, arts, design, entertainment, sports, and media .....	821	2.6	244	577	70.3	740	90.1	216	524	81	28	53
Healthcare practitioners and technicians.....	119	0.4	20	99	83.2	44	37.0	4	40	75	16	59
Service occupations .....	620	1.9	385	235	37.9	301	48.5	202	99	319	183	136
Sales and related occupations .....	1,424	4.5	492	932	65.4	1,229	86.3	430	799	195	62	133
Office and administrative support.....	3,083	9.7	573	2,510	81.4	2,458	79.7	469	1,989	625	104	521
Natural resources, construction, and maintenance .....	187	0.6	156	31	16.6	131	70.1	107	24	56	49	7
Production, transportation, and material moving.....	17	0.1	13	4	23.5	10	58.8	8	2	7	5	2

†Not applicable.  
#Rounds to zero.

NOTE: Degree-granting institutions grant associate's or higher degrees and participate in Title IV federal financial aid programs. By definition, all graduate assistants are part time. Detail may not sum to totals because of rounding.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), Spring 2017, Human Resources component, Fall Staff section. (This table was prepared December 2017.)

**Table 314.40. Employees in degree-granting postsecondary institutions, by race/ethnicity, sex, employment status, control and level of institution, and primary occupation: Fall 2016**

Sex, employment status, control and level of institution, and primary occupation	Total	White	Black, Hispanic, Asian, Pacific Islander, American Indian/Alaska Native, and Two or more races								Race/ethnicity unknown	Non-resident alien <sup>2</sup>
			Total	Percent <sup>1</sup>	Black	Hispanic	Asian	Pacific Islander	American Indian/Alaska Native	Two or more races		
1	2	3	4	5	6	7	8	9	10	11	12	13
<b>All institutions</b>	<b>3,926,580</b>	<b>2,597,731</b>	<b>977,894</b>	<b>27.3</b>	<b>376,877</b>	<b>280,474</b>	<b>245,229</b>	<b>8,759</b>	<b>20,330</b>	<b>46,225</b>	<b>156,336</b>	<b>194,619</b>
Faculty (instruction/research/public service)	1,548,732	1,099,232	318,465	22.5	105,616	74,667	113,100	3,737	7,215	14,130	75,448	55,587
Instruction	1,430,390	1,037,172	292,494	22.0	101,401	69,842	97,847	3,590	6,807	13,007	70,708	30,016
Research	89,627	41,805	18,999	31.2	2,114	3,175	12,603	75	212	820	3,891	24,932
Public service	28,715	20,255	6,972	25.6	2,101	1,650	2,650	72	196	303	849	639
Graduate assistants	376,043	175,374	69,485	28.4	15,536	19,403	26,049	571	1,048	6,878	19,258	111,926
Librarians, curators, and archivists	42,036	32,599	8,108	19.9	3,044	2,155	2,049	72	247	541	1,035	294
Student and academic affairs and other education services	179,164	119,678	51,276	30.0	23,238	16,103	7,105	541	1,462	2,827	6,193	2,017
Management	259,267	196,323	55,841	22.1	25,946	15,228	10,367	372	1,291	2,637	6,015	1,088
Business and financial operations	210,577	143,221	60,126	29.6	23,522	18,125	14,093	450	1,101	2,835	5,752	1,478
Computer, engineering, and science	233,765	154,381	60,479	28.1	14,729	15,307	26,023	406	1,048	2,966	6,827	12,078
Community, social service, legal, arts, design, entertainment, sports, and media	180,609	128,096	44,596	25.8	20,635	13,842	5,921	552	1,022	2,624	6,733	1,184
Healthcare practitioners and technicians	115,891	72,272	35,552	33.0	12,237	8,399	13,098	180	377	1,261	4,790	3,277
Service occupations	245,379	129,692	104,628	44.7	54,519	36,434	8,806	690	1,807	2,372	8,818	2,241
Sales and related occupations	12,965	8,081	4,446	35.5	2,107	1,486	453	43	94	263	405	33
Office and administrative support	428,493	271,922	141,359	34.2	64,896	50,471	16,218	948	2,733	6,093	12,137	3,075
Natural resources, construction, and maintenance	74,337	54,304	17,566	24.4	7,823	6,835	1,427	144	728	609	2,249	218
Production, transportation, and material moving	19,322	12,556	5,967	32.2	3,029	2,019	520	53	157	189	676	123
<b>Males</b>	<b>1,781,955</b>	<b>1,183,818</b>	<b>406,517</b>	<b>25.6</b>	<b>140,528</b>	<b>117,439</b>	<b>117,084</b>	<b>4,007</b>	<b>8,669</b>	<b>18,790</b>	<b>73,920</b>	<b>117,700</b>
Faculty (instruction/research/public service)	785,157	560,574	152,873	21.4	42,018	36,905	62,288	1,834	3,408	6,420	36,938	34,772
Instruction	719,361	527,423	139,606	20.9	40,342	34,618	53,768	1,749	3,238	5,891	34,438	17,894
Research	52,255	23,520	10,118	30.1	905	1,520	7,182	30	90	391	2,106	16,511
Public service	13,541	9,631	3,149	24.6	771	767	1,338	55	80	138	394	367
Graduate assistants	196,589	85,863	32,303	27.3	6,170	8,835	13,557	276	448	3,017	9,823	68,600
Librarians, curators, and archivists	12,509	9,884	2,191	18.1	700	741	528	20	51	151	326	108
Student and academic affairs and other education services	58,163	38,892	16,106	29.3	6,849	5,318	2,378	182	486	893	2,223	942
Management	114,027	89,071	21,602	19.5	9,367	6,028	4,473	187	546	1,001	2,819	535
Business and financial operations	56,745	39,802	14,605	26.8	5,189	4,735	3,550	137	263	731	1,811	527
Computer, engineering, and science	142,122	97,212	33,344	25.5	7,957	9,233	13,459	279	639	1,777	4,190	7,376
Community, social service, legal, arts, design, entertainment, sports, and media	80,595	58,468	18,312	23.8	9,290	5,304	1,987	272	428	1,031	3,260	555
Healthcare practitioners and technicians	33,597	19,852	10,204	33.9	2,770	2,323	4,549	62	112	388	1,822	1,719
Service occupations	141,642	79,036	56,371	41.6	29,574	19,295	4,706	399	1,073	1,324	5,104	1,131
Sales and related occupations	4,525	2,800	1,568	35.9	734	546	162	12	31	83	144	13
Office and administrative support	72,019	41,286	26,679	39.3	10,863	10,217	3,724	172	417	1,286	2,905	1,149
Natural resources, construction, and maintenance	68,350	50,557	15,612	23.6	6,751	6,273	1,274	130	638	546	2,017	164
Production, transportation, and material moving	15,915	10,521	4,747	31.1	2,296	1,686	449	45	129	142	538	109
<b>Females</b>	<b>2,144,625</b>	<b>1,413,913</b>	<b>571,377</b>	<b>28.8</b>	<b>236,349</b>	<b>163,035</b>	<b>128,145</b>	<b>4,752</b>	<b>11,661</b>	<b>27,435</b>	<b>82,416</b>	<b>76,919</b>
Faculty (instruction/research/public service)	763,575	538,658	165,592	23.5	63,598	37,762	50,812	1,903	3,807	7,710	38,510	20,815
Instruction	711,029	509,749	152,888	23.1	61,059	35,224	44,079	1,841	3,569	7,116	36,270	12,122
Research	37,372	18,285	8,881	32.7	1,209	1,655	5,421	45	122	429	1,785	8,421
Public service	15,174	10,624	3,823	26.5	1,330	883	1,312	17	116	165	455	272
Graduate assistants	179,454	89,511	37,182	29.3	9,366	10,568	12,492	295	600	3,861	9,435	43,326
Librarians, curators, and archivists	29,527	22,715	5,917	20.7	2,344	1,414	1,521	52	196	390	709	186
Student and academic affairs and other education services	121,001	80,786	35,170	30.3	16,389	10,785	4,727	359	976	1,934	3,970	1,075
Management	145,240	107,252	34,239	24.2	16,579	9,200	5,894	185	745	1,636	3,196	553
Business and financial operations	153,832	103,419	45,521	30.6	18,333	13,390	10,543	313	838	2,104	3,941	951
Computer, engineering, and science	91,643	57,169	27,135	32.2	6,772	6,074	12,564	127	409	1,189	2,637	4,702
Community, social service, legal, arts, design, entertainment, sports, and media	100,014	69,628	26,284	27.4	11,345	8,538	3,934	280	594	1,593	3,473	629
Healthcare practitioners and technicians	82,294	52,420	25,348	32.6	9,467	6,076	8,549	118	265	873	2,968	1,558
Service occupations	103,737	50,656	48,257	48.8	24,945	17,139	4,100	291	734	1,048	3,714	1,110
Sales and related occupations	8,440	5,281	2,878	35.3	1,373	940	291	31	63	180	261	20
Office and administrative support	356,474	230,636	114,680	33.2	54,033	40,254	12,494	776	2,316	4,807	9,232	1,926
Natural resources, construction, and maintenance	5,987	3,747	1,954	34.3	1,072	562	153	14	90	63	232	54
Production, transportation, and material moving	3,407	2,035	1,220	37.5	733	333	71	8	28	47	138	14
<b>Full-time</b>	<b>2,523,980</b>	<b>1,710,236</b>	<b>678,480</b>	<b>28.4</b>	<b>264,925</b>	<b>195,371</b>	<b>171,029</b>	<b>4,951</b>	<b>13,840</b>	<b>28,364</b>	<b>69,026</b>	<b>66,238</b>
Faculty (instruction/research/public service)	815,760	575,294	173,461	23.2	44,553	37,513	79,497	1,152	3,548	7,198	22,366	44,639
Instruction	719,873	526,166	152,171	22.4	41,522	33,768	66,217	1,071	3,273	6,320	18,757	22,779
Research	75,620	34,708	16,428	32.1	1,831	2,629	11,091	62	158	657	3,159	21,325
Public service	20,267	14,420	4,862	25.2	1,200	1,116	2,189	19	117	221	450	535
Graduate assistants	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑
Librarians, curators, and archivists	35,832	27,936	6,903	19.8	2,538	1,854	1,767	60	206	478	747	246
Student and academic affairs and other education services	121,296	81,570	35,153	30.1	16,431	10,515	4,711	423	1,013	2,060	3,400	1,173
Management	252,156	190,826	54,528	22.2	25,375	14,922	10,054	363	1,256	2,558	5,756	1,046
Business and financial operations	197,107	133,453	57,124	30.0	22,594	17,168	13,237	424	1,028	2,673	5,195	1,335
Computer, engineering, and science	214,249	142,157	55,119	27.9	13,399	13,604	24,115	363	952	2,686	6,034	10,939
Community, social service, legal, arts, design, entertainment, sports, and media	146,021	103,233	37,301	26.5	17,264	11,589	5,006	445	838	2,159	4,571	916
Healthcare practitioners and technicians	94,899	58,569	29,832	33.7	10,601	7,168	10,539	142	317	1,065	4,037	2,461
Service occupations	202,931	105,068	90,159	46.2	47,039	31,539	7,616	582	1,506	1,877	5,904	1,800
Sales and related occupations	10,521	6,451	3,758	36.8	1,830	1,274	359	37	72	186	293	19
Office and administrative support	347,181	223,755	113,501	33.7	53,476	39,878	12,342	792	2,288	4,725	8,546	1,379
Natural resources, construction, and maintenance	70,156	51,583	16,618	24.4	7,346	6,567	1,334	124	688	559	1,776	179
Production, transportation, and material moving	15,871	10,341	5,023	32.7	2,479	1,780	452	44	128	140	401	106

See notes at end of table.

**Table 314.40. Employees in degree-granting postsecondary institutions, by race/ethnicity, sex, employment status, control and level of institution, and primary occupation: Fall 2016—Continued**

Sex, employment status, control and level of institution, and primary occupation	Total	White	Black, Hispanic, Asian, Pacific Islander, American Indian/Alaska Native, and Two or more races							Race/ethnicity unknown	Non-resident alien <sup>2</sup>	
			Total	Percent <sup>1</sup>	Black	Hispanic	Asian	Pacific Islander	American Indian/Alaska Native			Two or more races
1	2	3	4	5	6	7	8	9	10	11	12	13
<b>Part-time</b> .....	<b>1,402,600</b>	<b>887,495</b>	<b>299,414</b>	<b>25.2</b>	<b>111,952</b>	<b>85,103</b>	<b>74,200</b>	<b>3,808</b>	<b>6,490</b>	<b>17,861</b>	<b>87,310</b>	<b>128,381</b>
Faculty (instruction/research/public service).....	732,972	523,938	145,004	21.7	61,063	37,154	33,603	2,585	3,667	6,932	53,082	10,948
Instruction.....	710,517	511,006	140,323	21.5	59,879	36,074	31,630	2,519	3,534	6,687	51,951	7,237
Research.....	14,007	7,097	2,571	26.6	283	546	1,512	13	54	163	732	3,607
Public service.....	8,448	5,835	2,110	26.6	901	534	461	53	79	82	399	104
Graduate assistants.....	376,043	175,374	69,485	28.4	15,536	19,403	26,049	571	1,048	6,878	19,258	111,926
Librarians, curators, and archivists.....	6,204	4,663	1,205	20.5	506	301	282	12	41	63	288	48
Student and academic affairs and other education services.....	57,868	38,108	16,123	29.7	6,807	5,588	2,394	118	449	767	2,793	844
Management.....	7,111	5,497	1,313	19.3	571	306	313	9	35	79	259	42
Business and financial operations.....	13,470	9,768	3,002	23.5	928	957	856	26	73	162	557	143
Computer, engineering, and science.....	19,516	12,224	5,360	30.5	1,330	1,703	1,908	43	96	280	793	1,139
Community, social service, legal, arts, design, entertainment, sports, and media.....	34,588	24,863	7,295	22.7	3,371	2,253	915	107	184	465	2,162	268
Healthcare practitioners and technicians.....	20,992	13,703	5,720	29.4	1,636	1,231	2,559	38	60	196	753	816
Service occupations.....	42,448	24,624	14,469	37.0	7,480	4,895	1,190	108	301	495	2,914	441
Sales and related occupations.....	2,444	1,630	688	29.7	277	212	94	6	22	77	112	14
Office and administrative support.....	81,312	48,167	27,858	36.6	11,420	10,593	3,876	156	445	1,368	3,591	1,696
Natural resources, construction, and maintenance.....	4,181	2,721	948	25.8	477	268	93	20	40	50	473	39
Production, transportation, and material moving.....	3,451	2,215	944	29.9	550	239	68	9	29	49	275	17
<b>Public 4-year</b> .....	<b>1,986,171</b>	<b>1,277,182</b>	<b>498,737</b>	<b>28.1</b>	<b>179,569</b>	<b>142,641</b>	<b>139,288</b>	<b>3,582</b>	<b>10,616</b>	<b>23,041</b>	<b>71,559</b>	<b>138,693</b>
Faculty (instruction/research/public service).....	648,899	450,714	136,286	23.2	35,513	31,413	59,575	1,168	3,098	5,519	26,689	35,210
Instruction.....	577,133	411,655	122,065	22.9	33,402	28,674	51,184	1,102	2,801	4,902	23,430	19,983
Research.....	55,570	26,868	11,216	29.5	1,175	2,009	7,346	50	159	477	2,705	14,781
Public service.....	16,196	12,191	3,005	19.8	936	730	1,045	16	138	140	554	446
Graduate assistants.....	294,789	139,664	54,358	28.0	12,333	15,620	19,895	474	883	5,153	14,023	86,744
Librarians, curators, and archivists.....	18,484	14,188	3,735	20.8	1,334	1,081	892	26	127	275	430	131
Student and academic affairs and other education services.....	65,564	44,354	18,147	29.0	8,109	5,624	2,696	175	645	898	1,983	1,080
Management.....	117,539	88,828	25,736	22.5	11,971	6,881	4,961	138	651	1,134	2,355	620
Business and financial operations.....	124,877	84,546	36,081	29.9	13,573	11,012	8,904	256	724	1,612	3,309	941
Computer, engineering, and science.....	145,851	97,537	35,820	26.9	8,093	9,069	16,013	212	629	1,804	4,178	8,316
Community, social service, legal, arts, design, entertainment, sports, and media.....	87,804	60,596	23,498	27.9	10,341	7,740	3,307	252	548	1,310	3,059	651
Healthcare practitioners and technicians.....	76,390	47,911	23,004	32.4	7,928	5,089	8,915	106	276	690	3,650	1,825
Service occupations.....	132,963	68,282	58,358	46.1	30,881	19,385	5,493	292	990	1,317	5,000	1,323
Sales and related occupations.....	2,992	1,993	897	31.0	376	315	121	11	23	51	89	13
Office and administrative support.....	208,454	134,273	67,818	33.6	32,338	23,789	7,203	361	1,403	2,724	4,742	1,621
Natural resources, construction, and maintenance.....	48,580	35,875	11,006	23.5	4,872	4,165	948	87	508	426	1,560	139
Production, transportation, and material moving.....	12,985	8,421	3,993	32.2	1,907	1,458	365	24	111	128	492	79
<b>Public 2-year</b> .....	<b>591,132</b>	<b>413,713</b>	<b>152,483</b>	<b>26.9</b>	<b>65,925</b>	<b>51,582</b>	<b>22,633</b>	<b>2,225</b>	<b>4,735</b>	<b>5,383</b>	<b>20,934</b>	<b>4,002</b>
Faculty (instruction/research/public service).....	327,811	246,085	65,960	21.1	27,560	19,476	12,841	1,456	2,085	2,542	13,605	2,161
Instruction.....	324,088	243,686	64,856	21.0	26,900	19,237	12,753	1,410	2,044	2,512	13,455	2,091
Research.....	110	84	23	21.5	5	7	8	0	2	1	1	2
Public service.....	3,613	2,315	1,081	31.8	655	232	80	46	39	29	149	68
Graduate assistants.....	9	5	4	44.4	1	2	1	0	0	0	0	0
Librarians, curators, and archivists.....	5,245	3,928	1,164	22.9	491	351	218	15	56	33	131	22
Student and academic affairs and other education services.....	49,048	31,870	15,456	32.7	6,688	5,714	1,866	134	504	550	1,486	236
Management.....	31,740	23,166	7,902	25.4	4,141	2,325	816	57	314	249	601	71
Business and financial operations.....	16,783	10,643	5,649	34.7	2,606	1,885	804	42	145	167	399	92
Computer, engineering, and science.....	16,111	10,954	4,663	29.9	1,516	1,648	1,106	45	143	205	365	129
Community, social service, legal, arts, design, entertainment, sports, and media.....	23,404	15,193	7,343	32.6	3,756	2,388	651	90	198	260	776	92
Healthcare practitioners and technicians.....	1,480	1,147	233	16.9	91	78	33	4	14	13	95	5
Service occupations.....	33,520	18,454	13,791	42.8	6,851	5,223	880	128	406	303	932	343
Sales and related occupations.....	1,824	1,365	419	23.5	159	146	56	3	31	24	37	3
Office and administrative support.....	76,650	45,638	27,834	37.9	11,179	11,518	3,204	233	720	980	2,360	818
Natural resources, construction, and maintenance.....	6,232	4,436	1,660	27.2	693	677	126	14	102	48	108	28
Production, transportation, and material moving.....	1,275	829	405	32.8	193	151	31	4	17	9	39	2
<b>Private nonprofit 4-year</b> .....	<b>1,186,752</b>	<b>808,158</b>	<b>274,779</b>	<b>25.4</b>	<b>105,893</b>	<b>72,329</b>	<b>76,178</b>	<b>2,428</b>	<b>4,015</b>	<b>13,936</b>	<b>52,095</b>	<b>51,720</b>
Faculty (instruction/research/public service).....	473,327	340,932	88,023	20.5	27,157	17,942	36,344	845	1,483	4,252	26,265	18,107
Instruction.....	430,689	320,427	77,493	19.5	25,731	16,140	29,591	810	1,431	3,790	24,936	7,833
Research.....	33,843	14,798	7,711	34.3	924	1,149	5,238	25	40	335	1,185	10,149
Public service.....	8,795	5,707	2,819	33.1	502	653	1,515	10	12	127	144	125
Graduate assistants.....	80,874	35,445	15,046	29.8	3,177	3,755	6,139	95	165	1,715	5,221	25,162
Librarians, curators, and archivists.....	17,091	13,641	2,885	17.5	1,084	633	879	28	55	206	432	133
Student and academic affairs and other education services.....	47,883	34,359	10,880	24.1	5,162	2,771	1,900	153	223	671	1,958	686
Management.....	97,465	75,686	18,849	19.9	8,354	5,023	4,100	141	272	959	2,537	393
Business and financial operations.....	63,595	44,628	16,671	27.2	6,736	4,683	4,042	130	192	888	1,854	442
Computer, engineering, and science.....	69,677	44,529	19,318	30.3	4,964	4,343	8,710	142	254	905	2,201	3,629
Community, social service, legal, arts, design, entertainment, sports, and media.....	63,934	49,136	11,803	19.4	5,641	3,082	1,796	187	243	854	2,556	439
Healthcare practitioners and technicians.....	37,721	23,028	12,222	34.7	4,179	3,212	4,124	69	85	553	1,024	1,447
Service occupations.....	76,434	41,819	31,325	42.8	16,326	11,293	2,363	259	386	698	2,715	575
Sales and related occupations.....	3,745	2,554	1,038	28.9	420	374	118	15	13	98	138	15
Office and administrative support.....	131,338	85,546	40,673	32.2	19,605	13,069	5,213	300	519	1,967	4,517	602
Natural resources, construction, and maintenance.....	18,878	13,699	4,576	25.0	2,191	1,770	347	41	97	130	554	49
Production, transportation, and material moving.....	4,790	3,156	1,470	31.8	897	379	103	23	28	40	123	41

See notes at end of table.

**Table 314.40. Employees in degree-granting postsecondary institutions, by race/ethnicity, sex, employment status, control and level of institution, and primary occupation: Fall 2016—Continued**

Sex, employment status, control and level of institution, and primary occupation	Total	White	Black, Hispanic, Asian, Pacific Islander, American Indian/Alaska Native, and Two or more races								Race/ethnicity unknown	Non-resident alien <sup>2</sup>
			Total	Percent <sup>1</sup>	Black	Hispanic	Asian	Pacific Islander	American Indian/Alaska Native	Two or more races		
1	2	3	4	5	6	7	8	9	10	11	12	13
<b>Private nonprofit 2-year</b> .....	<b>8,761</b>	<b>5,503</b>	<b>2,995</b>	<b>35.2</b>	<b>1,672</b>	<b>731</b>	<b>204</b>	<b>18</b>	<b>194</b>	<b>176</b>	<b>253</b>	<b>10</b>
Faculty (instruction/research/public service).....	3,646	2,685	859	24.2	502	160	89	9	54	45	97	5
Instruction .....	3,618	2,677	839	23.9	501	160	89	9	37	43	97	5
Research .....	19	6	13	68.4	1	0	0	0	11	1	0	0
Public service.....	9	2	7	77.8	0	0	0	0	6	1	0	0
Graduate assistants.....	0	0	0	†	0	0	0	0	0	0	0	0
Librarians, curators, and archivists.....	116	93	21	18.4	7	6	1	0	7	0	2	0
Student and academic affairs and other education services.....	2,249	874	1,312	60.0	779	361	42	5	35	90	63	0
Management.....	865	623	194	23.7	92	56	19	1	18	8	47	1
Business and financial operations.....	297	198	85	30.0	30	12	19	2	15	7	14	0
Computer, engineering, and science.....	200	137	55	28.6	14	19	12	0	6	4	8	0
Community, social service, legal, arts, design, entertainment, sports, and media.....	276	197	74	27.3	39	20	2	1	7	5	5	0
Healthcare practitioners and technicians.....	32	24	6	20.0	2	3	1	0	0	0	2	0
Service occupations .....	269	158	109	40.8	66	23	1	0	16	3	2	0
Sales and related occupations .....	84	48	36	42.9	17	12	6	0	0	1	0	0
Office and administrative support.....	642	426	200	31.9	111	44	12	0	20	13	13	3
Natural resources, construction, and maintenance. Production, transportation, and material moving.....	72	31	41	56.9	12	13	0	0	16	0	0	0
	13	9	3	25.0	1	2	0	0	0	0	0	1
<b>Private for-profit 4-year</b> .....	<b>121,936</b>	<b>75,477</b>	<b>36,355</b>	<b>32.5</b>	<b>17,493</b>	<b>9,449</b>	<b>5,728</b>	<b>382</b>	<b>602</b>	<b>2,701</b>	<b>9,976</b>	<b>128</b>
Faculty (instruction/research/public service).....	76,916	48,444	20,682	29.9	11,181	4,107	3,542	199	385	1,268	7,725	65
Instruction .....	76,773	48,375	20,610	29.9	11,170	4,070	3,524	199	384	1,263	7,723	65
Research .....	51	38	13	25.5	3	2	8	0	0	0	0	0
Public service.....	92	31	59	65.6	8	35	10	0	1	5	2	0
Graduate assistants.....	371	260	77	22.8	25	26	14	2	0	10	14	20
Librarians, curators, and archivists.....	813	559	213	27.6	88	58	43	0	1	23	34	7
Student and academic affairs and other education services.....	11,845	6,871	4,338	38.7	2,040	1,158	488	58	48	546	632	4
Management.....	8,388	5,983	2,057	25.6	830	616	359	26	22	204	345	3
Business and financial operations.....	3,980	2,656	1,169	30.6	392	360	275	18	21	103	155	0
Computer, engineering, and science.....	1,679	1,068	540	33.6	127	188	168	5	14	38	69	2
Community, social service, legal, arts, design, entertainment, sports, and media.....	4,370	2,655	1,453	35.4	622	493	144	19	20	155	261	1
Healthcare practitioners and technicians.....	149	102	39	27.7	7	7	21	1	2	1	8	0
Service occupations .....	1,573	636	785	55.2	316	381	45	7	8	28	152	0
Sales and related occupations .....	2,896	1,427	1,362	48.8	758	402	116	10	22	54	105	2
Office and administrative support.....	8,326	4,533	3,340	42.4	1,055	1,450	488	33	54	260	429	24
Natural resources, construction, and maintenance. Production, transportation, and material moving.....	388	152	211	58.1	22	176	5	2	4	2	25	0
	242	131	89	40.5	30	27	20	2	1	9	22	0
<b>Private for-profit 2-year</b> .....	<b>31,828</b>	<b>17,698</b>	<b>12,545</b>	<b>41.5</b>	<b>6,325</b>	<b>3,742</b>	<b>1,198</b>	<b>124</b>	<b>168</b>	<b>988</b>	<b>1,519</b>	<b>66</b>
Faculty (instruction/research/public service).....	18,133	10,372	6,655	39.1	3,703	1,569	709	60	110	504	1,067	39
Instruction .....	18,089	10,352	6,631	39.0	3,697	1,561	706	60	110	497	1,067	39
Research .....	34	11	23	67.6	6	8	3	0	0	6	0	0
Public service.....	10	9	1	10.0	0	0	0	0	0	1	0	0
Graduate assistants.....	0	0	0	†	0	0	0	0	0	0	0	0
Librarians, curators, and archivists.....	287	190	90	32.1	40	26	16	3	1	4	6	1
Student and academic affairs and other education services.....	2,575	1,350	1,143	45.8	460	475	113	16	7	72	71	11
Management.....	3,270	2,037	1,103	35.1	558	327	112	9	14	83	130	0
Business and financial operations.....	1,045	550	471	46.1	185	173	49	2	4	58	21	3
Computer, engineering, and science.....	247	156	83	34.7	15	40	14	2	2	10	6	2
Community, social service, legal, arts, design, entertainment, sports, and media.....	821	319	425	57.1	236	119	21	3	6	40	76	1
Healthcare practitioners and technicians.....	119	60	48	44.4	30	10	4	0	0	4	11	0
Service occupations .....	620	343	260	43.1	79	129	24	4	1	23	17	0
Sales and related occupations .....	1,424	694	694	50.0	377	237	36	4	5	35	36	0
Office and administrative support.....	3,083	1,506	1,494	49.8	608	601	98	21	17	149	76	7
Natural resources, construction, and maintenance. Production, transportation, and material moving.....	187	111	72	39.3	33	34	1	0	1	3	2	2
	17	10	7	41.2	1	2	1	0	0	3	0	0

†Not applicable.

<sup>1</sup>Combined total of staff who were Black, Hispanic, Asian, Pacific Islander, American Indian/Alaska Native, and of Two or more races as a percentage of total staff, excluding race/ethnicity unknown and nonresident alien.

<sup>2</sup>Race/ethnicity not collected.

NOTE: Degree-granting institutions grant associate's or higher degrees and participate in Title IV federal financial aid programs. By definition, all graduate assistants are part time. Race categories exclude persons of Hispanic ethnicity.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), Spring 2017, Human Resources component, Fall Staff section. (This table was prepared December 2017.)

**Table 314.50. Ratios of full-time-equivalent (FTE) students to FTE staff and FTE faculty in public degree-granting postsecondary institutions, by level of institution and state or jurisdiction: Fall 2016**

State or jurisdiction	Full-time-equivalent (FTE) staff			FTE faculty			FTE faculty as a percent of FTE staff		FTE students per FTE staff			FTE students per FTE faculty		
	Total	4-year	2-year	Total	4-year	2-year	4-year	2-year	Total	4-year	2-year	Total	4-year	2-year
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
<b>United States</b> .....	<b>1,947,599</b>	<b>1,561,020</b>	<b>386,579</b>	<b>680,913</b>	<b>501,700</b>	<b>179,214</b>	<b>32.1</b>	<b>46.4</b>	<b>5.4</b>	<b>4.6</b>	<b>8.7</b>	<b>15.5</b>	<b>14.4</b>	<b>18.7</b>
Alabama .....	39,293	33,218	6,075	12,345	9,534	2,812	28.7	46.3	5.0	4.4	8.6	16.0	15.3	18.6
Alaska .....	4,685	4,585	100	2,565	2,540	25	55.4	25.4	3.8	3.9	0.8	7.0	7.0	3.0
Arizona .....	39,806	28,067	11,739	12,926	8,188	4,738	29.2	40.4	6.2	5.3	8.4	19.2	18.3	20.8
Arkansas.....	23,694	19,173	4,521	6,957	5,046	1,910	26.3	42.3	4.7	4.2	6.7	16.1	16.1	15.9
California .....	201,391	147,165	54,227	78,512	48,848	29,664	33.2	54.7	7.4	5.5	12.8	19.1	16.4	23.4
Colorado.....	41,391	37,148	4,243	17,020	15,048	1,973	40.5	46.5	4.7	4.2	9.1	11.5	10.4	19.6
Connecticut.....	17,117	14,061	3,056	6,267	4,554	1,714	32.4	56.1	5.0	4.1	9.1	13.7	12.8	16.2
Delaware.....	6,973	6,973	0	2,112	2,112	0	30.3	†	5.0	5.0	†	16.4	16.4	†
District of Columbia .....	918	918	0	402	402	0	43.8	†	3.4	3.4	†	7.8	7.8	†
Florida.....	82,655	80,853	1,802	27,602	26,834	767	33.2	42.6	6.8	6.7	9.8	20.2	20.2	23.0
Georgia.....	61,666	52,950	8,716	19,627	15,115	4,512	28.5	51.8	5.2	4.9	7.0	16.3	17.2	13.4
Hawaii.....	8,087	6,297	1,790	2,959	2,114	845	33.6	47.2	4.6	3.6	8.2	12.6	10.7	17.4
Idaho.....	9,792	7,610	2,182	3,510	2,617	894	34.4	41.0	5.4	5.3	5.7	15.0	15.3	13.9
Illinois.....	66,797	46,744	20,053	19,633	11,321	8,312	24.2	41.4	5.1	3.5	8.7	17.3	14.6	21.0
Indiana.....	47,297	42,191	5,107	15,934	13,421	2,513	31.8	49.2	5.0	4.6	8.2	14.8	14.4	16.7
Iowa.....	27,190	19,877	7,312	9,043	5,752	3,291	28.9	45.0	4.7	3.6	7.4	14.0	12.6	16.5
Kansas.....	26,711	19,988	6,724	9,760	6,929	2,831	34.7	42.1	4.9	4.2	7.1	13.5	12.2	16.8
Kentucky.....	32,785	27,830	4,955	10,308	7,991	2,317	28.7	46.8	4.7	3.8	9.5	14.9	13.3	20.4
Louisiana.....	25,425	21,460	3,965	9,355	7,300	2,055	34.0	51.8	6.3	5.6	10.5	17.3	16.4	20.3
Maine.....	6,556	5,400	1,157	2,201	1,544	657	28.6	56.8	5.2	4.4	8.8	15.4	15.3	15.5
Maryland.....	43,772	31,559	12,212	17,124	11,964	5,160	37.9	42.2	4.7	4.4	5.6	12.1	11.6	13.3
Massachusetts.....	31,465	23,597	7,868	11,710	8,302	3,408	35.2	43.3	5.0	4.4	6.9	13.5	12.5	15.8
Michigan.....	73,952	64,188	9,764	27,257	22,822	4,435	35.6	45.4	4.9	4.4	8.6	13.3	12.3	18.9
Minnesota.....	32,593	26,022	6,571	12,193	8,957	3,235	34.4	49.2	5.6	4.2	11.0	14.9	12.2	22.4
Mississippi.....	30,849	23,935	6,914	8,111	5,135	2,976	21.5	43.0	4.2	3.1	8.2	16.1	14.3	19.0
Missouri.....	33,646	25,775	7,871	11,291	7,827	3,464	30.4	44.0	5.5	4.9	7.3	16.3	16.2	16.6
Montana.....	7,723	6,727	995	2,596	2,175	421	32.3	42.3	4.8	4.8	5.4	14.4	14.8	12.7
Nebraska.....	18,353	14,746	3,607	6,234	4,519	1,715	30.6	47.5	4.1	3.5	6.5	12.1	11.5	13.7
Nevada.....	11,152	10,579	573	3,941	3,657	284	34.6	49.6	6.6	6.5	9.7	18.8	18.7	19.5
New Hampshire.....	6,036	4,861	1,175	2,267	1,592	675	32.8	57.4	5.5	5.2	6.5	14.5	15.9	11.4
New Jersey.....	45,550	35,433	10,117	16,282	11,634	4,647	32.8	45.9	5.6	4.4	9.7	15.7	13.5	21.2
New Mexico.....	19,243	13,934	5,309	6,294	4,166	2,128	29.9	40.1	4.5	3.5	7.2	13.8	11.6	17.9
New York.....	80,429	56,815	23,615	31,932	21,871	10,060	38.5	42.6	6.8	5.9	9.0	17.1	15.3	21.2
North Carolina.....	73,756	50,718	23,038	27,173	15,917	11,256	31.4	48.9	4.5	4.0	5.7	12.3	12.7	11.6
North Dakota.....	8,272	7,411	861	2,904	2,588	315	34.9	36.6	4.6	4.6	5.3	13.2	13.1	14.4
Ohio.....	80,376	68,988	11,388	23,310	18,115	5,195	26.3	45.6	4.6	4.1	8.0	15.9	15.5	17.5
Oklahoma.....	28,782	24,559	4,223	8,878	7,170	1,708	29.2	40.4	4.7	4.1	8.3	15.2	13.9	20.6
Oregon.....	31,546	23,970	7,576	11,714	8,427	3,287	35.2	43.4	4.6	3.6	7.5	12.3	10.3	17.3
Pennsylvania.....	65,301	55,840	9,461	25,393	20,614	4,780	36.9	50.5	5.0	4.5	7.6	12.7	12.2	15.0
Rhode Island.....	4,814	3,893	921	1,836	1,354	482	34.8	52.3	6.3	5.8	8.7	16.6	16.6	16.7
South Carolina.....	30,424	23,868	6,556	10,795	7,687	3,108	32.2	47.4	5.2	4.3	8.2	14.6	13.5	17.3
South Dakota.....	6,095	5,384	710	2,305	1,900	405	35.3	57.0	5.6	5.4	7.3	14.8	15.3	12.9
Tennessee.....	33,573	27,606	5,967	11,401	8,608	2,792	31.2	46.8	5.2	4.3	9.5	15.3	13.7	20.3
Texas.....	185,165	142,195	42,970	56,884	38,370	18,514	27.0	43.1	5.1	4.1	8.5	16.7	15.3	19.7
Utah.....	24,615	22,614	2,001	8,500	7,751	749	34.3	37.4	5.1	4.8	7.6	14.7	14.1	20.3
Vermont.....	5,248	4,880	368	2,074	1,870	204	38.3	55.3	3.9	3.6	6.9	9.7	9.5	12.4
Virginia.....	56,520	47,000	9,519	20,447	15,994	4,453	34.0	46.8	5.1	4.1	10.1	14.2	12.1	21.5
Washington.....	44,666	40,018	4,648	17,298	15,377	1,921	38.4	41.3	5.6	5.2	8.9	14.5	13.6	21.6
West Virginia.....	12,901	11,639	1,262	5,380	4,647	734	39.9	58.1	5.5	5.1	8.9	13.1	12.7	15.4
Wisconsin.....	41,311	32,834	8,476	15,437	11,526	3,911	35.1	46.1	5.0	4.9	5.4	13.4	14.0	11.7
Wyoming.....	5,458	3,140	2,317	2,000	1,038	962	33.1	41.5	4.2	3.4	5.3	11.5	10.3	12.8
U.S. Service Academies.....	3,784	3,784	0	915	915	0	24.2	†	4.0	4.0	†	16.4	16.4	†
<b>Other jurisdictions</b> .....	<b>15,051</b>	<b>13,728</b>	<b>1,323</b>	<b>5,492</b>	<b>4,963</b>	<b>529</b>	<b>36.2</b>	<b>40.0</b>	<b>4.9</b>	<b>4.9</b>	<b>5.3</b>	<b>13.5</b>	<b>13.6</b>	<b>13.2</b>
American Samoa.....	279	279	0	75	75	0	26.8	†	3.3	3.3	†	12.4	12.4	†
Federated States of Micronesia.....	427	0	427	132	0	132	†	30.8	3.9	†	3.9	12.7	†	12.7
Guam.....	891	616	275	320	232	88	37.7	32.1	5.2	5.3	5.0	14.5	14.2	15.5
Marshall Islands.....	185	0	185	74	0	74	†	40.2	4.3	†	4.3	10.8	†	10.8
Northern Marianas.....	151	151	0	46	46	0	30.5	†	6.0	6.0	†	19.8	19.8	†
Palau.....	166	0	166	51	0	51	†	30.7	2.6	†	2.6	8.6	†	8.6
Puerto Rico.....	12,428	12,158	270	4,540	4,356	184	35.8	68.2	5.1	5.0	10.0	13.9	13.8	14.7
U.S. Virgin Islands.....	524	524	0	255	255	0	48.6	†	3.5	3.5	†	7.2	7.2	†

†Not applicable.

NOTE: Full-time-equivalent staff is the full-time staff, plus the full-time equivalent of the part-time staff. Degree-granting institutions grant associate's or higher degrees and participate in Title IV federal financial aid programs. Detail may not sum to totals because of rounding.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), Spring 2017, Human Resources component, Fall Staff section; and Spring 2017, Fall Enrollment component. (This table was prepared December 2017.)

**Table 314.60. Ratios of full-time-equivalent (FTE) students to FTE staff and FTE faculty in private degree-granting postsecondary institutions, by level of institution and state or jurisdiction: Fall 2016**

State or jurisdiction	Full-time-equivalent (FTE) staff				FTE faculty				FTE faculty as a percent of FTE staff		FTE students per FTE staff		FTE students per FTE faculty	
	All private	Nonprofit 4-year	Nonprofit 2-year	For-profit	All private	Nonprofit 4-year	Nonprofit 2-year	For-profit	Nonprofit 4-year	For-profit	Nonprofit 4-year	For-profit	Nonprofit 4-year	For-profit
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
<b>United States .....</b>	<b>1,043,914</b>	<b>938,621</b>	<b>7,088</b>	<b>98,205</b>	<b>379,171</b>	<b>332,690</b>	<b>2,344</b>	<b>44,137</b>	<b>35.4</b>	<b>44.9</b>	<b>3.6</b>	<b>9.3</b>	<b>10.3</b>	<b>20.6</b>
Alabama .....	6,003	4,620	48	1,335	2,373	1,756	22	595	38.0	44.6	4.9	16.9	12.9	38.0
Alaska .....	213	144	25	44	75	55	5	15	38.1	33.8	2.9	9.6	7.6	28.3
Arizona .....	17,134	1,699	0	15,435	6,980	703	0	6,278	41.4	40.7	5.1	12.8	12.4	31.4
Arkansas .....	3,235	3,033	162	40	1,139	1,042	80	18	34.4	44.5	4.8	8.5	14.1	19.1
California .....	93,977	78,311	213	15,453	35,171	27,892	86	7,194	35.6	46.6	3.3	9.7	9.4	20.8
Colorado .....	9,019	5,839	39	3,141	3,584	2,131	11	1,442	36.5	45.9	4.5	11.3	12.3	24.7
Connecticut .....	26,171	25,443	0	728	9,464	9,196	0	269	36.1	36.9	2.5	7.2	6.8	19.5
Delaware .....	1,427	1,386	31	10	830	810	14	6	58.4	62.0	8.7	15.1	14.8	24.3
District of Columbia .....	21,374	20,129	0	1,245	7,487	7,063	0	424	35.1	34.1	3.3	3.8	9.4	11.1
Florida .....	45,258	35,399	2,524	7,334	15,216	11,500	356	3,360	32.5	45.8	4.3	8.8	13.3	19.3
Georgia .....	25,160	22,199	335	2,626	9,605	8,298	131	1,176	37.4	44.8	2.9	10.0	7.9	22.4
Hawaii .....	1,579	1,399	0	180	639	540	0	99	38.6	54.9	6.1	13.0	15.8	23.7
Idaho .....	2,771	2,666	0	105	1,559	1,496	0	63	56.1	60.3	11.6	5.7	20.7	9.5
Illinois .....	63,500	58,154	69	5,277	22,167	20,112	31	2,024	34.6	38.3	3.2	7.4	9.3	19.3
Indiana .....	20,012	18,922	83	1,007	6,853	6,390	29	434	33.8	43.1	4.3	6.7	12.7	15.6
Iowa .....	12,268	10,203	0	2,065	5,037	3,908	0	1,129	38.3	54.7	4.6	11.1	11.9	20.3
Kansas .....	4,677	3,905	0	772	1,976	1,678	0	298	43.0	38.6	4.6	11.1	10.8	28.7
Kentucky .....	7,625	6,315	0	1,310	2,900	2,333	0	567	36.9	43.3	5.3	4.9	14.3	11.3
Louisiana .....	8,016	7,405	53	558	2,922	2,596	29	297	35.1	53.3	3.0	8.7	8.6	16.3
Maine .....	4,932	4,764	39	129	1,544	1,469	24	52	30.8	40.1	4.1	7.9	13.2	19.7
Maryland .....	24,482	24,131	0	350	6,898	6,754	0	144	28.0	41.1	1.8	11.7	6.3	28.3
Massachusetts .....	86,683	86,296	102	285	30,363	30,154	75	134	34.9	47.1	2.9	6.9	8.2	14.5
Michigan .....	12,804	12,395	0	408	5,298	5,117	0	181	41.3	44.4	5.3	6.4	12.9	14.4
Minnesota .....	17,127	12,316	31	4,780	7,269	5,020	10	2,239	40.8	46.8	4.8	12.0	11.9	25.5
Mississippi .....	2,766	2,528	0	238	1,142	1,031	0	111	40.8	46.6	5.5	5.6	13.5	12.0
Missouri .....	33,414	32,173	92	1,149	11,618	11,028	37	552	34.3	48.1	3.4	7.4	9.8	15.4
Montana .....	952	830	117	5	362	319	40	4	38.4	80.0	4.5	7.0	11.8	8.8
Nebraska .....	5,319	5,142	52	125	1,997	1,933	14	50	37.6	39.9	5.6	7.3	14.9	18.4
Nevada .....	1,424	825	39	560	709	395	18	297	47.8	53.0	4.3	9.4	9.0	17.8
New Hampshire .....	10,666	10,647	19	0	3,469	3,453	16	0	32.4	†	5.8	†	17.8	†
New Jersey .....	17,192	15,947	0	1,245	5,325	4,762	0	563	29.9	45.2	4.0	6.8	13.3	15.1
New Mexico .....	722	300	0	422	334	109	0	225	36.4	53.3	4.1	8.6	11.3	16.0
New York .....	151,181	145,572	359	5,249	53,406	50,881	184	2,341	35.0	44.6	3.1	7.0	8.8	15.6
North Carolina .....	38,103	36,819	128	1,156	12,661	12,091	41	529	32.8	45.8	2.4	8.4	7.3	18.4
North Dakota .....	1,065	1,026	0	39	391	373	0	18	36.3	45.8	4.9	10.6	13.5	23.2
Ohio .....	29,647	27,202	148	2,297	11,883	10,658	52	1,173	39.2	51.1	4.3	6.6	11.1	12.9
Oklahoma .....	5,560	4,817	167	576	2,095	1,731	86	278	35.9	48.2	4.7	7.5	13.0	15.6
Oregon .....	7,260	6,822	0	439	2,974	2,780	0	194	40.8	44.2	4.7	6.5	11.5	14.6
Pennsylvania .....	78,293	73,690	1,323	3,279	27,412	25,167	568	1,678	34.2	51.2	3.4	6.8	9.8	13.4
Rhode Island .....	10,341	10,341	0	0	3,316	3,316	0	0	32.1	†	3.8	†	11.8	†
South Carolina .....	8,153	6,074	144	1,934	2,919	2,230	51	638	36.7	33.0	5.0	4.5	13.7	13.5
South Dakota .....	1,694	1,281	0	413	635	501	0	133	39.1	†	4.5	†	11.4	†
Tennessee .....	20,387	18,658	83	1,647	7,230	6,402	38	790	34.3	48.0	4.0	8.2	11.6	17.2
Texas .....	37,707	32,927	182	4,599	15,209	13,036	76	2,097	39.6	45.6	3.7	7.7	9.3	17.0
Utah .....	10,644	9,856	123	665	4,577	4,167	64	346	42.3	52.0	12.8	6.3	30.4	12.2
Vermont .....	4,218	4,148	0	70	1,423	1,409	0	14	34.0	19.5	3.9	3.9	11.6	20.0
Virginia .....	22,958	19,281	108	3,569	9,182	7,334	54	1,794	38.0	50.3	5.2	7.8	13.7	15.4
Washington .....	9,174	8,231	188	755	3,932	3,462	74	395	42.1	52.3	4.5	9.2	10.6	17.6
West Virginia .....	4,061	1,764	0	2,297	1,700	607	0	1,094	34.4	47.6	4.5	10.5	13.1	22.0
Wisconsin .....	15,496	14,638	0	858	5,884	5,499	0	385	37.6	44.8	3.3	5.0	8.9	11.1
Wyoming .....	72	10	62	0	36	4	32	0	43.3	†	4.5	†	10.4	†
<b>Other jurisdictions .....</b>	<b>15,264</b>	<b>11,387</b>	<b>77</b>	<b>3,801</b>	<b>6,581</b>	<b>4,917</b>	<b>31</b>	<b>1,634</b>	<b>43.2</b>	<b>43.0</b>	<b>9.1</b>	<b>8.9</b>	<b>21.0</b>	<b>20.7</b>
American Samoa .....	0	0	0	0	0	0	0	0	†	†	†	†	†	†
Federated States of Micronesia..	0	0	0	0	0	0	0	0	†	†	†	†	†	†
Guam .....	11	11	0	0	5	5	0	0	45.5	†	5.0	†	11.0	†
Marshall Islands .....	0	0	0	0	0	0	0	0	†	†	†	†	†	†
Northern Marianas .....	0	0	0	0	0	0	0	0	†	†	†	†	†	†
Palau .....	0	0	0	0	0	0	0	0	†	†	†	†	†	†
Puerto Rico .....	15,253	11,376	77	3,801	6,576	4,912	31	1,634	43.2	43.0	9.1	8.9	21.0	20.7
U.S. Virgin Islands .....	0	0	0	0	0	0	0	0	†	†	†	†	†	†

†Not applicable.

NOTE: Full-time-equivalent staff is the full-time staff, plus the full-time equivalent of the part-time staff. Degree-granting institutions grant associate's or higher degrees and participate in Title IV federal financial aid programs. Data are for all degree-granting institutions, including those with fewer than 15 employees. Detail may not sum to totals because of rounding.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), Spring 2017, Human Resources component, Fall Staff section; and Spring 2017, Fall Enrollment component. (This table was prepared December 2017.)

**Table 315.10. Number of faculty in degree-granting postsecondary institutions, by employment status, sex, control, and level of institution: Selected years, fall 1970 through fall 2016**

Year	Employment status				Sex			Control				Level	
	Total	Full-time	Part-time	Percent full-time	Males	Females	Percent female	Public	Private			4-year	2-year
									Total	Nonprofit	For-profit		
1	2	3	4	5	6	7	8	9	10	11	12	13	14
1970.....	474,000	369,000	104,000	77.8	—	—	—	314,000	160,000	—	—	382,000	92,000
1971 <sup>1</sup> .....	492,000	379,000	113,000	77.0	—	—	—	333,000	159,000	—	—	387,000	105,000
1972.....	500,000	380,000	120,000	76.0	—	—	—	343,000	157,000	—	—	384,000	116,000
1973 <sup>1</sup> .....	527,000	389,000	138,000	73.8	—	—	—	365,000	162,000	—	—	401,000	126,000
1974 <sup>1</sup> .....	567,000	406,000	161,000	71.6	—	—	—	397,000	170,000	—	—	427,000	140,000
1975 <sup>1</sup> .....	628,000	440,000	188,000	70.1	—	—	—	443,000	185,000	—	—	467,000	161,000
1976.....	633,000	434,000	199,000	68.6	—	—	—	449,000	184,000	—	—	467,000	166,000
1977.....	678,000	448,000	230,000	66.1	—	—	—	492,000	186,000	—	—	485,000	193,000
1979 <sup>1</sup> .....	675,000	445,000	230,000	65.9	—	—	—	488,000	187,000	—	—	494,000	182,000
1980 <sup>1</sup> .....	686,000	450,000	236,000	65.6	—	—	—	495,000	191,000	—	—	494,000	192,000
1981.....	705,000	461,000	244,000	65.4	—	—	—	509,000	196,000	—	—	493,000	212,000
1982 <sup>1</sup> .....	710,000	462,000	248,000	65.1	—	—	—	506,000	204,000	—	—	493,000	217,000
1983.....	724,000	471,000	254,000	65.1	—	—	—	512,000	212,000	—	—	504,000	220,000
1984 <sup>1</sup> .....	717,000	462,000	255,000	64.4	—	—	—	505,000	212,000	—	—	504,000	213,000
1985 <sup>1</sup> .....	715,000	459,000	256,000	64.2	—	—	—	503,000	212,000	—	—	504,000	211,000
1986 <sup>1</sup> .....	722,000	459,000	263,000	63.6	—	—	—	510,000	212,000	—	—	506,000	216,000
1987 <sup>2</sup> .....	793,070	523,420	269,650	66.0	529,413	263,657	33.2	552,749	240,321	—	—	547,505	245,565
1989 <sup>2</sup> .....	824,220	524,426	299,794	63.6	534,254	289,966	35.2	577,298	246,922	—	—	583,700	240,520
1991 <sup>2</sup> .....	826,252	535,623	290,629	64.8	525,599	300,653	36.4	580,908	245,344	236,066	9,278	591,269	234,983
1993 <sup>2</sup> .....	915,474	545,706	369,768	59.6	561,123	354,351	38.7	650,434	265,040	254,130	10,910	625,969	289,505
1995 <sup>2</sup> .....	931,706	550,822	380,884	59.1	562,893	368,813	39.6	656,833	274,873	260,900	13,973	647,059	284,647
1997 <sup>2</sup> .....	989,813	568,719	421,094	57.5	587,420	402,393	40.7	694,560	295,253	271,257	23,996	682,650	307,163
1999 <sup>2</sup> .....	1,027,830	590,937	436,893	57.5	602,469	425,361	41.4	713,325	314,505	284,652	29,853	713,823	314,007
2001 <sup>2</sup> .....	1,113,183	617,868	495,315	55.5	644,514	468,669	42.1	771,124	342,059	306,487	35,572	764,172	349,011
2003 <sup>2</sup> .....	1,173,593	630,092	543,501	53.7	663,723	509,870	43.4	791,766	381,827	330,097	51,730	814,289	359,304
2005 <sup>2</sup> .....	1,290,426	675,624	614,802	52.4	714,453	575,973	44.6	841,188	449,238	361,523	87,715	916,996	373,430
2007 <sup>2</sup> .....	1,371,390	703,463	667,927	51.3	743,812	627,578	45.8	877,146	494,244	385,875	108,369	990,849	380,541
2009 <sup>2</sup> .....	1,439,074	729,152	709,922	50.7	761,002	678,072	47.1	913,788	525,286	408,382	116,904	1,038,349	400,725
2011 <sup>2</sup> .....	1,524,469	762,114	762,355	50.0	789,567	734,902	48.2	954,159	570,310	432,630	137,680	1,115,642	408,827
2013 <sup>2</sup> .....	1,545,381	791,378	754,003	51.2	791,971	753,410	48.8	968,734	576,647	449,072	127,575	1,151,638	393,743
2015 <sup>2</sup> .....	1,552,256	807,109	745,147	52.0	789,405	762,851	49.1	970,991	581,265	472,638	108,627	1,180,545	371,711
2016 <sup>2</sup> .....	1,548,732	815,760	732,972	52.7	785,157	763,575	49.3	976,710	572,022	476,973	95,049	1,199,142	349,590

—Not available.

<sup>1</sup>Estimated on the basis of enrollment. For methodological details on estimates, see National Center for Education Statistics, *Projections of Education Statistics to 2000*.

<sup>2</sup>Because of revised survey methods, data are not directly comparable with figures for years prior to 1987.

NOTE: Includes faculty members with the title of professor, associate professor, assistant professor, instructor, lecturer, assisting professor, adjunct professor, or interim professor (or the equivalent). Excluded are graduate students with titles such as graduate or teaching fellow who assist senior faculty. Data through 1995 are for institutions of higher education, while later data are for degree-granting institutions. Degree-granting institutions grant associate's or higher degrees and participate in Title IV federal financial aid programs. The degree-granting classification is very similar to the earlier higher education classification, but it includes more

2-year colleges and excludes a few higher education institutions that did not grant degrees. Beginning in 2007, includes institutions with fewer than 15 full-time employees; these institutions did not report staff data prior to 2007. Some data have been revised from previously published figures. Detail may not sum to totals because of rounding.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Higher Education General Information Survey (HEGIS), *Employees in Institutions of Higher Education*, 1970 and 1972, and "Staff Survey" 1976; *Projections of Education Statistics to 2000*; Integrated Postsecondary Education Data System (IPEDS), "Fall Staff Survey" (IPEDS-S:87-99); IPEDS Winter 2001-02 through Winter 2011-12, Human Resources component, Fall Staff section; IPEDS Spring 2014, Spring 2016, and Spring 2017, Human Resources component, Fall Staff section; and U.S. Equal Employment Opportunity Commission, Higher Education Staff Information Survey (EEO-6), 1977, 1981, and 1983. (This table was prepared December 2017.)

**Table 315.20. Full-time faculty in degree-granting postsecondary institutions, by race/ethnicity, sex, and academic rank: Fall 2013, fall 2015, and fall 2016**

Year, sex, and academic rank	Total	White	Black, Hispanic, Asian, Pacific Islander, American Indian/Alaska Native, and Two or more races									Race/ethnicity unknown	Non-resident alien <sup>2</sup>
			Total	Percent <sup>1</sup>	Black	Hispanic	Asian/Pacific Islander			American Indian/Alaska Native	Two or more races		
							Total	Asian	Pacific Islander				
1	2	3	4	5	6	7	8	9	10	11	12	13	14
<b>2013<sup>3</sup></b>													
<b>Total</b> .....	<b>791,378</b>	<b>575,507</b>	<b>157,476</b>	<b>21.5</b>	<b>43,148</b>	<b>33,207</b>	<b>72,266</b>	<b>71,057</b>	<b>1,209</b>	<b>3,567</b>	<b>5,288</b>	<b>19,988</b>	<b>38,407</b>
Professors.....	181,524	148,603	29,070	16.4	6,653	5,587	15,419	15,249	170	569	842	2,328	1,523
Associate professors.....	155,449	117,136	32,602	21.8	8,817	6,385	15,836	15,653	183	592	972	2,867	2,844
Assistant professors.....	166,562	112,641	38,080	25.3	10,555	7,136	18,454	18,121	333	685	1,250	5,736	10,105
Instructors.....	99,301	73,882	20,677	21.9	7,426	6,343	5,248	4,962	286	875	785	3,158	1,584
Lecturers.....	37,810	28,415	6,675	19.0	1,743	2,038	2,474	2,441	33	125	295	1,161	1,559
Other faculty.....	150,732	94,830	30,372	24.3	7,954	5,718	14,835	14,631	204	721	1,144	4,738	20,792
<b>2015<sup>3</sup></b>													
<b>Total</b> .....	<b>807,109</b>	<b>575,752</b>	<b>167,372</b>	<b>22.5</b>	<b>44,106</b>	<b>35,811</b>	<b>77,456</b>	<b>76,298</b>	<b>1,158</b>	<b>3,530</b>	<b>6,469</b>	<b>22,359</b>	<b>41,626</b>
Professors.....	182,388	147,095	31,171	17.5	6,731	5,957	16,938	16,734	204	599	946	2,486	1,636
Associate professors.....	158,082	116,754	35,132	23.1	9,090	6,978	17,285	17,067	218	608	1,171	3,070	3,126
Assistant professors.....	173,409	115,226	40,251	25.9	10,874	7,634	19,432	19,132	300	639	1,672	6,577	11,355
Instructors.....	99,915	73,052	21,673	22.9	7,264	6,890	5,696	5,467	229	862	961	3,563	1,627
Lecturers.....	40,894	30,488	7,635	20.0	2,074	2,367	2,690	2,653	37	142	362	1,256	1,515
Other faculty.....	152,421	93,137	31,510	25.3	8,073	5,985	15,415	15,245	170	680	1,357	5,407	22,367
<b>Males</b> .....	<b>438,807</b>	<b>312,221</b>	<b>87,771</b>	<b>21.9</b>	<b>19,022</b>	<b>18,265</b>	<b>45,733</b>	<b>45,109</b>	<b>624</b>	<b>1,725</b>	<b>3,026</b>	<b>12,105</b>	<b>26,710</b>
Professors.....	124,480	99,841	21,613	17.8	4,018	3,827	12,822	12,676	146	364	582	1,742	1,284
Associate professors.....	87,460	64,149	19,519	23.3	4,344	3,802	10,512	10,401	111	288	573	1,834	1,958
Assistant professors.....	84,930	55,272	19,138	25.7	4,183	3,705	10,259	10,115	144	290	701	3,429	7,091
Instructors.....	43,187	31,682	8,977	22.1	2,561	3,122	2,493	2,383	110	426	375	1,664	864
Lecturers.....	18,375	13,869	3,133	18.4	870	1,007	1,044	1,031	13	58	154	640	733
Other faculty.....	80,375	47,408	15,391	24.5	3,046	2,802	8,603	8,503	100	299	641	2,796	14,780
<b>Females</b> .....	<b>368,302</b>	<b>263,531</b>	<b>79,601</b>	<b>23.2</b>	<b>25,084</b>	<b>17,546</b>	<b>31,723</b>	<b>31,189</b>	<b>534</b>	<b>1,805</b>	<b>3,443</b>	<b>10,254</b>	<b>14,916</b>
Professors.....	57,908	47,254	9,558	16.8	2,713	2,130	4,116	4,058	58	235	364	744	352
Associate professors.....	70,622	52,605	15,613	22.9	4,746	3,176	6,773	6,666	107	320	598	1,236	1,168
Assistant professors.....	88,479	59,954	21,113	26.0	6,691	3,929	9,173	9,017	156	349	971	3,148	4,264
Instructors.....	56,728	41,370	12,696	23.5	4,703	3,768	3,203	3,084	119	436	586	1,899	763
Lecturers.....	22,519	16,619	4,502	21.3	1,204	1,360	1,646	1,622	24	84	208	616	782
Other faculty.....	72,046	45,729	16,119	26.1	5,027	3,183	6,812	6,742	70	381	716	2,611	7,587
<b>2016<sup>3</sup></b>													
<b>Total</b> .....	<b>815,760</b>	<b>575,294</b>	<b>173,461</b>	<b>23.2</b>	<b>44,553</b>	<b>37,513</b>	<b>80,649</b>	<b>79,497</b>	<b>1,152</b>	<b>3,548</b>	<b>7,198</b>	<b>22,366</b>	<b>44,639</b>
Professors.....	182,924	146,049	32,516	18.2	6,871	6,229	17,783	17,592	191	612	1,021	2,507	1,852
Associate professors.....	157,820	115,721	35,754	23.6	9,091	7,108	17,725	17,508	217	598	1,232	3,149	3,196
Assistant professors.....	176,347	115,552	42,085	26.7	11,143	8,138	20,288	19,989	299	624	1,892	6,564	12,146
Instructors.....	100,789	73,194	22,320	23.4	7,219	7,283	5,845	5,630	215	867	1,106	3,576	1,699
Lecturers.....	42,150	31,171	7,931	20.3	2,012	2,485	2,827	2,781	46	153	454	1,386	1,662
Other faculty.....	155,730	93,607	32,855	26.0	8,217	6,270	16,181	15,997	184	694	1,493	5,184	24,084
<b>Males</b> .....	<b>441,430</b>	<b>310,326</b>	<b>90,504</b>	<b>22.6</b>	<b>19,128</b>	<b>19,086</b>	<b>47,182</b>	<b>46,591</b>	<b>591</b>	<b>1,722</b>	<b>3,386</b>	<b>11,907</b>	<b>28,693</b>
Professors.....	124,000	98,497	22,342	18.5	4,054	3,966	13,297	13,166	131	376	649	1,726	1,435
Associate professors.....	86,616	63,068	19,706	23.8	4,316	3,866	10,625	10,514	111	288	611	1,830	2,012
Assistant professors.....	85,850	54,980	19,896	26.6	4,211	3,960	10,639	10,491	148	275	811	3,406	7,568
Instructors.....	43,834	32,045	9,288	22.5	2,592	3,270	2,540	2,441	99	430	456	1,586	915
Lecturers.....	18,915	14,113	3,299	18.9	873	1,051	1,125	1,107	18	62	188	677	826
Other faculty.....	82,215	47,623	15,973	25.1	3,082	2,973	8,956	8,872	84	291	671	2,682	15,937
<b>Females</b> .....	<b>374,330</b>	<b>264,968</b>	<b>82,957</b>	<b>23.8</b>	<b>25,425</b>	<b>18,427</b>	<b>33,467</b>	<b>32,906</b>	<b>561</b>	<b>1,826</b>	<b>3,812</b>	<b>10,459</b>	<b>15,946</b>
Professors.....	58,924	47,552	10,174	17.6	2,817	2,263	4,486	4,426	60	236	372	781	417
Associate professors.....	71,204	52,653	16,048	23.4	4,775	3,242	7,100	6,994	106	310	621	1,319	1,184
Assistant professors.....	90,497	60,572	22,189	26.8	6,932	4,178	9,649	9,498	151	349	1,081	3,158	4,578
Instructors.....	56,955	41,149	13,032	24.1	4,627	4,013	3,305	3,189	116	437	650	1,990	784
Lecturers.....	23,235	17,058	4,632	21.4	1,139	1,434	1,702	1,674	28	91	266	709	836
Other faculty.....	73,515	45,984	16,882	26.9	5,135	3,297	7,225	7,125	100	403	822	2,502	8,147

<sup>1</sup>Combined total of faculty who were Black, Hispanic, Asian, Pacific Islander, American Indian/Alaska Native, and of Two or more races as a percentage of total faculty, excluding race/ethnicity unknown and nonresident alien.

<sup>2</sup>Race/ethnicity not collected.

<sup>3</sup>Only instructional faculty were classified by academic rank. Primarily research and primarily public service faculty, as well as faculty without ranks, appear under "other faculty."

NOTE: Degree-granting institutions grant associate's or higher degrees and participate in Title IV federal financial aid programs. Includes institutions with fewer than 15 full-time employees; these institutions did not report staff data prior to 2007. Race categories exclude persons of Hispanic ethnicity. Some data have been revised from previously published figures.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), Spring 2014, Spring 2016, and Spring 2017 Human Resources component, Fall Staff section. (This table was prepared December 2017.)

**Table 316.10. Average salary of full-time instructional faculty on 9-month contracts in degree-granting postsecondary institutions, by academic rank, control and level of institution, and sex: Selected years, 1970–71 through 2016–17**

Sex and academic year	Academic rank							Public institutions			Private institutions		
	All faculty	Professor	Associate professor	Assistant professor	Instructor	Lecturer	No rank	Total	4-year	2-year	Total	4-year	2-year
1	2	3	4	5	6	7	8	9	10	11	12	13	14
Current dollars													
<b>Total</b>													
1970–71	\$12,710	\$17,958	\$13,563	\$11,176	\$9,360	\$11,196	\$12,333	\$12,953	\$13,121	\$12,644	\$11,619	\$11,824	\$8,664
1975–76	16,659	22,649	17,065	13,986	13,672	12,906	15,196	16,942	17,400	15,820	15,921	16,116	10,901
1980–81	23,302	30,753	23,214	18,901	15,178	17,301	22,334	23,745	24,373	22,177	22,093	22,325	15,065
1982–83	27,196	35,540	26,921	22,056	17,601	20,072	25,557	27,488	28,293	25,567	26,393	26,691	16,595
1984–85	30,447	39,743	29,945	24,668	20,230	22,334	27,683	30,646	31,764	27,864	29,910	30,247	18,510
1985–86	32,392	42,268	31,787	26,277	20,918	23,770	29,088	32,750	34,033	29,590	31,402	31,732	19,436
1987–88	35,897	47,040	35,231	29,110	22,728	25,977	31,532	36,231	37,840	32,209	35,049	35,346	21,867
1989–90	40,133	52,810	39,392	32,689	25,030	28,990	34,559	40,416	42,365	35,516	39,464	39,817	24,601
1990–91	42,165	55,540	41,414	34,434	26,332	30,097	36,395	42,317	44,510	37,055	41,788	42,224	24,088
1991–92	43,851	57,433	42,929	35,745	30,916	30,456	37,783	43,641	45,638	38,959	44,376	44,793	25,673
1992–93	44,714	58,788	43,945	36,625	28,499	30,543	37,771	44,197	46,515	38,935	45,985	46,427	26,105
1993–94	46,364	60,649	45,278	37,630	28,828	32,729	40,584	45,920	48,019	41,040	47,465	47,880	28,435
1994–95	47,811	62,709	46,713	38,756	29,665	33,198	41,227	47,432	49,738	42,101	48,741	49,379	25,613
1995–96	49,309	64,540	47,966	39,696	30,344	34,136	42,996	48,837	51,172	43,295	50,466	50,819	31,915
1996–97	50,829	66,559	49,307	40,687	31,193	34,962	44,200	50,303	52,718	44,584	52,112	52,443	32,628
1997–98	52,335	68,731	50,828	41,830	32,449	35,484	45,268	51,638	54,114	45,919	54,039	54,379	33,592
1998–99	54,097	71,322	52,576	43,348	33,819	36,819	46,250	53,319	55,948	47,285	55,981	56,284	34,821
1999–2000	55,888	74,410	54,524	44,978	34,918	38,194	47,389	55,011	57,950	48,240	58,013	58,323	35,925
2001–02	59,742	80,792	58,724	48,796	46,959	41,798	46,569	58,524	62,013	50,837	62,818	63,088	33,139
2002–03	61,330	83,466	60,471	50,552	48,304	42,622	46,338	60,014	63,486	52,330	64,533	64,814	34,826
2003–04	62,579	85,333	61,746	51,798	49,065	43,648	47,725	60,874	64,340	53,076	66,666	66,932	36,322
2004–05	64,234	88,158	63,558	53,308	49,730	44,514	48,942	62,346	66,053	53,932	68,755	68,995	37,329
2005–06	66,172	91,208	65,714	55,106	50,883	45,896	50,425	64,158	67,951	55,405	71,016	71,263	38,549
2006–07	68,585	94,870	68,153	57,143	53,278	47,478	52,161	66,566	70,460	57,466	73,419	73,636	41,138
2007–08	71,085	98,548	70,826	59,294	55,325	49,392	54,405	68,981	72,857	59,646	76,133	76,341	43,402
2008–09	73,570	102,346	73,439	61,550	56,918	51,188	56,370	71,237	75,245	61,433	79,147	79,410	43,542
2009–10	74,620	103,682	74,125	62,245	57,791	52,185	56,803	72,178	76,147	62,264	80,379	80,597	44,748
2010–11	75,481	104,961	75,107	63,136	58,003	52,584	56,549	72,715	76,857	62,359	81,897	82,098	45,146
2011–12	76,567	107,090	76,177	64,011	58,350	53,359	56,898	73,496	77,843	62,553	83,540	83,701	47,805
2012–13	77,278	108,074	77,029	64,673	57,674	53,072	58,752	73,877	78,012	62,907	84,932	85,096	44,978
2013–14	78,733	109,998	78,693	66,093	58,240	54,566	59,161	75,491	79,897	63,714	86,178	86,390	44,598
2014–15	80,157	112,825	80,335	67,589	59,208	55,335	58,305	76,811	81,372	64,116	87,605	88,212	38,168
2015–16	82,224	115,539	82,147	69,378	60,911	57,306	60,341	78,869	83,389	66,018	89,867	90,309	31,296
2016–17	84,630	118,914	84,179	71,626	63,644	58,749	61,687	81,211	85,612	67,684	92,455	92,639	31,017
<b>Males</b>													
1975–76	17,414	22,902	17,209	14,174	14,430	13,579	15,761	17,661	18,121	16,339	16,784	16,946	11,378
1980–81	24,499	31,082	23,451	19,227	15,545	18,281	23,170	24,873	25,509	22,965	23,493	23,669	16,075
1982–83	28,664	35,956	27,262	22,586	18,160	21,225	26,541	28,851	29,661	26,524	28,159	28,380	17,346
1984–85	32,182	40,269	30,392	25,330	21,159	23,557	28,670	32,240	33,344	28,891	32,028	32,278	19,460
1985–86	34,294	42,833	32,273	27,094	21,693	25,238	30,267	34,528	35,786	30,758	33,656	33,900	20,412
1987–88	38,112	47,735	35,823	30,086	23,645	27,652	32,747	38,314	39,898	33,477	37,603	37,817	22,641
1989–90	42,763	53,650	40,131	33,781	25,933	31,162	35,980	42,959	44,834	37,081	42,312	42,595	25,218
1990–91	45,065	56,549	42,239	35,636	27,388	32,398	38,036	45,084	47,168	38,787	45,019	45,319	25,937
1991–92	46,848	58,494	43,814	36,969	33,359	32,843	39,422	46,483	48,401	40,811	47,733	48,042	26,825
1992–93	47,866	59,972	44,855	37,842	29,583	32,512	39,365	47,175	49,392	40,725	49,518	49,837	27,402
1993–94	49,579	61,857	46,229	38,794	29,815	34,796	42,251	48,956	50,989	42,938	51,076	51,397	30,783
1994–95	51,228	64,046	47,705	39,923	30,528	35,082	43,103	50,629	52,874	44,020	52,653	53,036	29,639
1995–96	52,814	65,949	49,037	40,858	30,940	36,135	44,624	52,163	54,448	45,209	54,364	54,649	33,301
1996–97	54,465	68,214	50,457	41,864	31,738	36,932	45,688	53,737	56,162	46,393	56,185	56,453	34,736
1997–98	56,115	70,468	52,041	43,017	33,070	37,481	46,822	55,191	57,744	47,690	58,293	58,576	36,157
1998–99	58,048	73,260	53,830	44,650	34,741	38,976	47,610	57,038	59,805	48,961	60,392	60,641	38,040
1999–2000	60,084	76,478	55,939	46,414	35,854	40,202	48,788	58,984	62,030	50,033	62,631	62,905	38,636
2001–02	64,320	83,356	60,300	50,518	48,844	44,519	48,049	62,835	66,577	52,360	67,871	68,100	33,395
2002–03	66,126	86,191	62,226	52,441	50,272	45,469	47,412	64,564	68,322	53,962	69,726	69,976	34,291
2003–04	67,485	88,262	63,466	53,649	50,985	46,214	48,973	65,476	69,248	54,623	72,021	72,250	35,604
2004–05	69,337	91,290	65,394	55,215	51,380	46,929	50,102	67,130	71,145	55,398	74,318	74,540	34,970
2005–06	71,569	94,733	67,654	57,099	52,519	48,256	51,811	69,191	73,353	56,858	76,941	77,143	38,215
2006–07	74,167	98,563	70,168	59,150	55,061	49,641	53,665	71,797	76,072	58,971	79,491	79,663	41,196
2007–08	76,935	102,555	72,940	61,368	57,116	51,804	56,196	74,389	78,673	61,166	82,681	82,850	42,995
2008–09	79,706	106,579	75,634	63,726	58,819	53,777	58,341	76,897	81,394	62,870	86,008	86,205	43,871
2009–10	80,881	108,225	76,400	64,451	59,793	54,947	58,647	77,948	82,423	63,697	87,382	87,546	44,500
2010–11	81,873	109,656	77,429	65,391	59,851	55,457	58,392	78,609	83,279	63,745	89,000	89,160	44,542
2011–12	83,150	112,066	78,560	66,303	60,066	56,367	58,807	79,544	84,444	63,918	90,840	90,976	45,250
2012–13	83,979	113,311	79,423	67,085	59,350	55,759	61,086	80,016	84,700	64,282	92,385	92,530	42,906
2013–14	85,545	115,466	81,178	68,492	59,777	57,218	61,511	81,703	86,646	65,076	93,898	94,065	44,277
2014–15	87,199	118,573	82,954	70,260	60,707	58,441	63,010	83,291	88,393	65,513	95,455	95,641	37,389
2015–16	89,361	121,535	84,781	72,272	62,390	60,428	62,468	85,367	90,464	67,352	98,016	98,466	30,050
2016–17	91,944	125,067	86,868	74,826	65,381	61,397							

**Table 316.10. Average salary of full-time instructional faculty on 9-month contracts in degree-granting postsecondary institutions, by academic rank, control and level of institution, and sex: Selected years, 1970–71 through 2016–17—Continued**

Sex and academic year	Academic rank							Public institutions			Private institutions		
	All faculty	Professor	Associate professor	Assistant professor	Instructor	Lecturer	No rank	Total	4-year	2-year	Total	4-year	2-year
1	2	3	4	5	6	7	8	9	10	11	12	13	14
<b>Females</b>													
1975–76	14,308	20,308	16,364	13,522	12,572	11,901	14,094	14,762	14,758	14,769	13,030	13,231	10,201
1980–81	19,996	27,959	22,295	18,302	14,854	16,168	20,843	20,673	20,608	20,778	18,073	18,326	13,892
1982–83	23,261	32,221	25,738	21,130	17,102	18,830	23,855	23,892	23,876	23,917	21,451	21,785	15,845
1984–85	25,941	35,824	28,517	23,575	19,362	21,004	26,050	26,566	26,813	26,172	24,186	24,560	17,575
1985–86	27,576	38,252	30,300	24,966	20,237	22,273	27,171	28,299	28,680	27,693	25,523	25,889	18,504
1987–88	30,499	42,371	33,528	27,600	21,962	24,370	29,605	31,215	31,820	30,228	28,621	28,946	21,215
1989–90	34,183	47,663	37,469	31,090	24,320	26,995	32,528	34,796	35,704	33,307	32,650	33,010	24,002
1990–91	35,881	49,728	39,329	32,724	25,534	28,111	34,179	36,459	37,573	34,720	34,359	34,898	22,585
1991–92	37,534	51,621	40,766	34,063	28,873	28,550	35,622	37,800	38,634	36,517	36,828	37,309	24,683
1992–93	38,385	52,755	41,861	35,032	27,700	28,922	35,792	38,356	39,470	36,710	38,460	38,987	25,068
1993–94	40,058	54,746	43,178	36,169	28,136	31,048	38,474	40,118	41,031	38,707	39,902	40,378	26,142
1994–95	41,369	56,555	44,626	37,352	29,072	31,677	38,967	41,548	42,663	39,812	40,908	41,815	22,851
1995–96	42,871	58,318	45,803	38,345	29,940	32,584	41,085	42,871	43,986	41,086	42,871	43,236	30,671
1996–97	44,325	60,160	47,101	39,350	30,819	33,415	42,474	44,306	45,402	42,531	44,374	44,726	30,661
1997–98	45,775	61,965	48,597	40,504	32,011	33,918	43,491	45,648	46,709	43,943	46,106	46,466	30,995
1998–99	47,421	64,236	50,347	41,894	33,152	35,115	44,723	47,247	48,355	45,457	47,874	48,204	31,524
1999–2000	48,997	67,079	52,091	43,367	34,228	36,607	45,865	48,714	50,168	46,340	49,737	50,052	32,951
2001–02	52,662	72,542	56,186	46,824	45,262	39,538	45,003	52,123	53,895	49,290	54,149	54,434	32,921
2002–03	54,105	75,028	57,716	48,380	46,573	40,265	45,251	53,435	55,121	50,717	55,881	56,158	35,296
2003–04	55,378	76,652	59,095	49,689	47,404	41,536	46,519	54,408	56,117	51,591	57,921	58,192	36,896
2004–05	56,926	79,160	60,809	51,154	48,351	42,455	47,860	55,780	57,714	52,566	59,919	60,143	39,291
2005–06	58,665	81,514	62,860	52,901	49,533	43,934	49,172	57,462	59,437	54,082	61,830	62,092	38,786
2006–07	61,016	85,090	65,237	54,974	51,832	45,693	50,812	59,781	61,875	56,127	64,246	64,481	41,099
2007–08	63,347	88,301	67,816	57,111	53,889	47,407	52,837	62,129	64,226	58,318	66,528	66,745	43,670
2008–09	65,638	91,522	70,375	59,286	55,424	49,078	54,649	64,231	66,393	60,195	69,300	69,593	43,344
2009–10	66,647	92,830	71,017	59,997	56,239	49,957	55,206	65,139	67,276	61,047	70,507	70,746	44,892
2010–11	67,473	94,041	72,003	60,888	56,566	50,270	54,985	65,632	67,935	61,193	72,091	72,306	45,518
2011–12	68,468	95,845	73,057	61,763	57,013	50,994	55,299	66,368	68,897	61,417	73,629	73,788	49,382
2012–13	69,124	96,563	73,966	62,321	56,361	50,963	56,777	66,703	69,083	61,774	74,987	75,149	46,407
2013–14	70,589	98,374	75,592	63,782	57,043	52,497	57,196	68,335	71,059	62,597	76,127	76,358	44,789
2014–15	71,792	100,783	77,115	65,009	58,020	52,901	56,616	69,384	72,288	62,971	77,504	78,089	38,841
2015–16	73,850	103,364	78,977	66,603	59,726	54,825	58,562	71,493	74,378	64,924	79,549	79,959	32,495
2016–17	76,121	106,651	80,985	68,567	62,252	56,624	59,462	73,708	76,570	66,601	81,951	82,122	53,866
Constant 2016–17 dollars <sup>1</sup>													
<b>Total</b>													
1970–71	\$77,635	\$109,692	\$82,850	\$68,268	\$57,173	\$68,390	\$75,336	\$79,124	\$80,151	\$77,235	\$70,970	\$72,227	\$52,923
1975–76	72,889	99,101	74,669	61,196	59,823	56,469	66,490	74,130	76,134	69,219	69,661	70,517	47,696
1980–81	65,274	86,146	65,028	52,946	42,517	48,464	62,563	66,515	68,274	62,123	61,887	62,537	42,200
1982–83	67,237	87,865	66,557	54,529	43,515	49,624	63,185	67,959	69,949	63,209	65,251	65,988	41,028
1984–85	69,853	91,180	68,701	56,595	46,413	51,240	63,512	70,310	72,875	63,927	68,621	69,394	42,467
1985–86	72,232	94,255	70,883	58,596	46,646	53,006	64,865	73,031	75,892	65,984	70,025	70,761	43,341
1987–88	75,194	98,536	73,799	60,977	47,608	54,414	66,051	75,894	79,264	67,469	73,418	74,040	45,805
1989–90	76,696	100,922	75,281	62,471	47,834	55,402	66,043	77,237	80,961	67,873	75,417	76,093	47,014
1990–91	76,403	100,638	75,041	62,394	47,713	54,536	65,948	76,679	80,651	67,143	75,719	76,510	43,647
1991–92	76,991	100,836	75,371	62,759	54,280	53,472	66,337	76,622	80,127	68,402	77,912	78,644	45,075
1992–93	76,128	100,089	74,818	62,356	48,521	52,001	64,307	75,248	79,194	66,289	78,292	79,045	44,445
1993–94	76,945	100,651	75,141	62,449	47,842	54,315	67,352	76,208	79,691	68,108	78,771	79,459	47,190
1994–95	77,135	101,169	75,363	62,526	47,858	53,559	66,512	76,523	80,243	67,922	78,634	79,664	41,321
1995–96	77,445	101,366	75,335	62,347	47,659	53,613	67,529	76,703	80,371	67,999	79,261	79,816	50,125
1996–97	77,618	101,790	75,293	62,130	47,633	53,387	67,495	76,814	80,501	68,081	79,576	80,082	49,824
1997–98	78,517	103,116	76,255	62,756	48,682	53,236	67,914	77,470	81,186	68,891	81,073	81,583	50,396
1998–99	79,778	105,182	77,535	63,927	49,874	54,298	68,207	78,632	82,508	69,732	82,558	83,004	51,351
1999–2000	80,108	106,657	78,152	64,470	50,050	54,746	67,925	78,851	83,062	69,146	83,153	83,598	51,493
2001–02	81,354	110,020	79,969	66,448	63,947	56,920	63,416	79,696	84,447	69,228	85,543	85,912	45,127
2002–03	81,721	111,218	80,576	67,360	64,364	56,794	61,745	79,968	84,594	69,729	85,990	86,364	46,405
2003–04	81,600	111,271	80,514	67,542	63,978	56,915	62,232	79,377	83,897	69,209	86,929	87,276	47,362
2004–05	81,312	111,596	80,456	67,480	62,951	56,349	61,954	78,921	83,614	68,271	87,034	87,339	47,253
2005–06	80,692	111,221	80,133	67,197	62,048	55,967	61,489	78,236	82,861	67,562	86,599	86,900	47,007
2006–07	81,526	112,770	81,012	67,925	63,330	56,437	62,004	79,126	83,755	68,309	87,272	87,530	48,901
2007–08	81,478	112,957	81,181	67,964	63,415	56,613	62,359	79,068	83,509	68,367	87,264	87,503	49,748
2008–09	83,166	115,695	83,018	69,578	64,342	57,865	63,723	80,529	85,059	69,446	89,470	89,767	49,221
2009–10	83,545	116,082	82,990	69,689	64,702	58,426	63,597	80,811	85,254	69,711	89,992	90,236	50,100
2010–11	82,845	115,201	82,435	69,296	63,661	57,714	62,066	79,809	84,355	68,443	89,887	90,108	49,550
2011–12	81,645	114,192	81,229	68,256	62,220	56,898	60,671	78,370	83,005	66,701	89,880	89,252	50,975
2012–13	81,054	113,354	80,793	67,833	60,492	55,665	61,623	77,486	81,824	65,981	89,082	89,254	47,176
2013–14	81,310	113,598	81,268	68,256	60,146	56,352	61,097	77,962	82,512	65,799	88,999	89,218	46,058
2014–15	82,182	115,676	82,365	69,297	60,704	56,733	59,778	78,751	83,427	65,736	89,818	90,441	39,133
2015–16	83,737	117,665	83,658	70,654	62,032	58,360	61,451	80,320	84,922	67,232	91,520	91,970	31,871
2016–17	84,630	118,914	84,179	71,626	63,644	58,749	61,687	81,211	85				

**Table 316.10. Average salary of full-time instructional faculty on 9-month contracts in degree-granting postsecondary institutions, by academic rank, control and level of institution, and sex: Selected years, 1970–71 through 2016–17—Continued**

Sex and academic year	Academic rank							Public institutions			Private institutions		
	All faculty	Professor	Associate professor	Assistant professor	Instructor	Lecturer	No rank	Total	4-year	2-year	Total	4-year	2-year
1	2	3	4	5	6	7	8	9	10	11	12	13	14
<b>Males</b>													
1975–76	76,193	100,207	75,296	62,020	63,138	59,414	68,961	77,277	79,287	71,493	73,440	74,146	49,783
1980–81	68,627	87,068	65,691	53,859	43,545	51,209	64,904	69,675	71,456	64,330	65,809	66,302	45,030
1982–83	70,866	88,894	67,400	55,839	44,897	52,475	65,617	71,328	73,331	65,575	69,617	70,164	42,884
1984–85	73,834	92,387	69,727	58,113	48,544	54,046	65,776	73,967	76,499	66,283	73,480	74,054	44,646
1985–86	76,474	95,515	71,967	60,418	48,374	56,279	67,494	76,996	79,801	68,589	75,051	75,595	45,518
1987–88	79,833	99,990	75,039	63,022	49,529	57,924	68,595	80,257	83,575	70,125	78,768	79,216	47,426
1989–90	81,723	102,528	76,692	64,557	49,559	59,552	68,760	82,096	85,681	70,865	80,861	81,400	48,194
1990–91	81,658	102,466	76,536	64,571	49,628	58,704	68,920	81,692	85,467	70,282	81,574	82,118	46,997
1991–92	82,252	102,699	76,926	64,907	58,570	57,664	69,214	81,611	84,979	71,654	83,806	84,348	47,097
1992–93	81,493	102,105	76,369	64,428	50,367	55,354	67,021	80,318	84,093	69,336	84,307	84,850	46,652
1993–94	82,279	102,655	76,720	64,380	49,480	57,746	70,118	81,245	84,619	71,258	84,764	85,297	51,087
1994–95	82,648	103,327	76,964	64,408	49,252	56,598	69,539	81,681	85,302	71,019	84,946	85,564	47,818
1995–96	82,949	103,579	77,018	64,171	48,594	56,753	70,087	81,927	85,516	71,005	85,383	85,832	52,302
1996–97	83,169	104,164	77,048	63,928	48,465	56,396	69,767	82,058	85,761	70,843	85,796	86,205	53,042
1997–98	84,188	105,721	78,075	64,537	49,614	56,232	70,245	82,801	86,632	71,548	87,455	87,880	54,245
1998–99	85,605	108,040	79,384	65,847	51,234	57,479	70,213	84,116	88,197	72,205	86,072	89,429	56,099
1999–2000	86,121	109,620	80,180	66,527	51,392	57,623	69,930	84,545	88,911	71,716	89,773	90,165	55,379
2001–02	87,589	113,511	82,114	68,793	66,514	60,625	65,432	85,566	90,662	71,302	92,424	92,736	45,476
2002–03	88,112	114,848	82,915	69,876	66,986	60,586	63,176	86,030	91,038	71,903	92,908	93,242	45,692
2003–04	87,997	115,090	82,757	69,955	66,482	60,261	63,859	85,377	90,296	71,226	93,913	94,210	46,427
2004–05	87,772	115,561	82,779	69,895	65,040	59,406	63,422	84,977	90,060	70,127	94,077	94,358	44,267
2005–06	87,273	115,520	82,499	69,628	64,043	58,845	63,180	84,373	89,449	69,334	93,824	94,070	46,601
2006–07	88,161	117,160	83,407	70,311	65,451	59,007	63,791	85,344	90,425	70,098	94,490	94,694	48,969
2007–08	88,184	117,550	83,605	70,341	65,467	59,378	64,412	85,266	90,177	70,109	94,771	94,964	49,282
2008–09	90,102	120,684	85,499	72,038	66,491	60,791	65,950	86,927	92,010	71,070	97,226	97,449	49,593
2009–10	90,555	121,168	85,538	72,159	66,944	61,518	65,661	87,270	92,280	71,315	97,833	98,016	49,822
2010–11	89,861	120,354	84,983	71,770	65,690	60,868	64,089	86,278	91,404	69,964	97,683	97,858	48,888
2011–12	88,665	119,497	83,769	70,700	64,049	60,104	62,706	84,819	90,044	68,157	96,864	97,009	48,251
2012–13	88,082	118,847	83,303	70,363	62,249	58,484	64,070	83,925	88,838	67,423	96,899	97,051	45,003
2013–14	88,345	119,245	83,835	70,734	61,734	59,091	63,524	84,377	89,481	67,206	96,971	97,143	45,726
2014–15	89,401	121,568	85,050	72,035	62,241	59,918	61,833	85,395	90,626	67,168	97,866	98,467	38,333
2015–16	91,005	123,771	86,341	73,602	63,537	61,539	63,617	86,938	92,128	68,591	99,819	100,277	30,603
2016–17	91,944	125,067	86,868	74,826	65,381	61,397	64,363	87,860	92,826	69,006	100,874	101,049	51,866
<b>Females</b>													
1975–76	62,603	88,857	71,600	59,165	55,008	52,071	61,668	64,593	64,576	64,621	57,015	57,891	44,632
1980–81	56,013	78,319	62,453	51,268	41,609	45,290	58,386	57,910	57,728	58,204	50,627	51,335	38,915
1982–83	57,508	79,660	63,632	52,240	42,281	46,553	58,977	59,068	59,029	59,130	53,033	53,859	39,174
1984–85	59,515	82,189	65,425	54,087	44,421	48,188	59,765	60,949	61,516	60,045	55,489	56,347	40,321
1985–86	61,493	85,300	67,567	55,673	45,127	49,668	60,590	63,105	63,955	61,754	56,915	57,731	41,263
1987–88	63,888	88,755	70,232	57,815	46,004	51,048	62,014	65,387	66,654	63,319	59,503	60,634	44,439
1989–90	65,325	91,086	71,605	59,414	46,476	51,590	62,163	66,497	68,233	63,651	62,395	63,084	45,869
1990–91	65,015	90,107	71,264	59,296	46,267	50,938	61,931	66,064	68,082	62,912	62,258	63,234	48,264
1991–92	65,899	90,632	71,574	59,805	50,693	50,126	62,543	66,367	67,831	64,114	64,660	65,504	43,337
1992–93	65,352	89,819	71,270	59,644	47,161	49,242	60,937	65,302	67,199	62,501	65,480	66,377	42,679
1993–94	66,479	90,854	71,656	60,024	46,694	51,526	63,850	66,578	68,093	64,236	66,220	67,009	43,384
1994–95	66,742	91,241	71,996	60,261	46,903	51,104	62,866	67,030	68,829	64,229	65,997	67,461	36,866
1995–96	67,333	91,593	71,938	60,225	47,024	51,176	64,527	67,333	69,084	64,530	67,333	67,906	48,172
1996–97	67,685	91,865	71,924	60,089	47,062	51,026	64,859	67,656	69,330	64,946	67,759	68,298	46,820
1997–98	68,675	92,964	72,909	60,766	48,025	50,886	65,248	68,484	70,075	65,927	69,172	69,712	46,501
1998–99	69,933	94,731	74,249	61,782	48,891	51,786	65,954	69,677	71,310	67,037	70,602	71,088	46,489
1999–2000	70,230	96,148	74,665	62,161	49,060	52,471	65,741	69,825	71,909	66,422	71,291	71,743	47,230
2001–02	71,713	98,785	76,512	63,764	61,636	53,841	61,283	70,979	73,393	67,121	73,738	74,127	44,831
2002–03	72,093	99,974	76,906	64,465	62,058	53,652	60,296	71,202	73,448	67,580	74,461	74,830	47,032
2003–04	72,210	99,951	77,058	64,793	61,813	54,161	60,659	70,946	73,175	67,273	75,527	75,880	48,111
2004–05	72,061	100,206	76,976	64,754	61,206	53,742	60,584	70,610	73,058	66,542	75,849	76,132	49,737
2005–06	71,537	99,400	76,653	64,509	60,402	53,574	59,962	70,071	72,479	65,950	75,397	75,717	47,297
2006–07	72,529	101,146	77,547	65,347	61,612	54,315	60,399	71,061	73,550	66,717	76,369	76,647	48,854
2007–08	72,609	101,212	77,732	65,462	61,768	54,339	60,563	71,213	73,616	66,845	76,255	76,505	50,056
2008–09	74,200	103,459	79,554	67,019	62,653	55,479	61,777	72,609	75,052	68,047	78,339	78,670	48,997
2009–10	74,618	103,933	79,510	67,173	62,966	55,932	61,808	72,930	75,322	68,348	78,939	79,207	50,261
2010–11	74,056	103,216	79,028	66,828	62,084	55,175	60,349	72,035	74,563	67,163	79,124	79,360	49,959
2011–12	73,009	102,201	77,902	65,859	60,794	54,376	58,966	70,769	73,466	65,490	78,512	78,682	52,657
2012–13	72,501	101,281	77,580	65,366	59,114	53,453	59,552	69,963	72,458	64,793	78,651	78,821	48,674
2013–14	72,900	101,593	78,066	65,870	58,910	54,215	59,068	70,572	73,385	64,645	78,618	78,857	46,255
2014–15	73,606	103,329	79,063	66,651	59,486	54,237	58,046	71,137	74,114	64,562	79,462	80,062	39,823
2015–16	75,208	105,266	80,430	67,829	60,825	55,833	59,639	72,808	75,747	66,118	81,430	81,430	33,093
2016–17	76,121	106,651	80,985	68,567	62,252	56,624	59,462	73,708	76,570	66,601	81,951	82,122	53,866

<sup>1</sup>Constant dollars based on the Consumer Price Index, prepared by the Bureau of Labor Statistics, U.S. Department of Labor, adjusted to an academic-year basis.  
NOTE: Data exclude instructional faculty at medical schools. Data through 1995–96 are for institutions of higher education, while later data are for degree-granting institutions. Degree-granting institutions grant associate's or higher degrees and participate in Title IV federal financial aid programs. Data for 1987–88 and later years include imputations for nonrespondent institutions. Some data have been revised from previously published figures.

**Table 316.20. Average salary of full-time instructional faculty on 9-month contracts in degree-granting postsecondary institutions, by academic rank, sex, and control and level of institution: Selected years, 1999–2000 through 2016–17**

Academic year, control and level of institution	Constant 2016–17 dollars <sup>1</sup>	Current dollars													
		All faculty			Academic rank										
		All faculty, total	Total	Males	Females	Professor			Associate professor			Assistant professor	Instructor	Lecturer	No academic rank
						Total	Males	Females	Total	Males	Females				
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	
<b>1999–2000</b>															
All institutions.....	\$80,108	\$55,888	\$60,084	\$48,997	\$74,410	\$76,478	\$67,079	\$54,524	\$55,939	\$52,091	\$44,978	\$34,918	\$38,194	\$47,389	
Public.....	78,851	55,011	58,984	48,714	72,475	74,501	65,568	54,641	55,992	52,305	45,285	35,007	37,403	47,990	
4-year.....	83,062	57,950	62,030	50,168	75,204	76,530	69,619	55,681	56,776	53,599	45,822	33,528	37,261	40,579	
Doctoral <sup>2</sup> .....	89,230	62,253	66,882	52,287	81,182	82,445	74,653	57,744	58,999	55,156	48,190	33,345	38,883	39,350	
Master's <sup>3</sup> .....	75,643	52,773	55,565	48,235	66,588	67,128	64,863	53,048	53,686	51,977	43,396	33,214	34,448	43,052	
Other 4-year.....	68,611	47,867	49,829	44,577	60,360	60,748	59,052	49,567	50,133	48,548	42,306	35,754	36,088	38,330	
2-year.....	69,146	48,240	50,033	46,340	57,806	59,441	55,501	48,056	49,425	46,711	41,984	37,634	40,061	48,233	
Nonprofit.....	83,381	58,172	62,788	49,881	78,512	80,557	70,609	54,300	55,836	51,687	44,423	34,670	40,761	41,415	
4-year.....	83,744	58,425	63,028	50,117	78,604	80,622	70,774	54,388	55,898	51,809	44,502	34,813	40,783	41,761	
Doctoral <sup>2</sup> .....	103,020	71,873	77,214	59,586	95,182	96,768	87,342	62,503	63,951	59,536	52,134	39,721	42,693	45,887	
Master's <sup>3</sup> .....	71,484	49,871	52,642	45,718	62,539	63,603	59,353	50,176	51,470	48,165	41,447	33,991	37,923	44,153	
Other 4-year.....	67,047	46,776	48,847	43,544	60,200	60,757	58,364	46,822	47,135	46,365	38,775	31,574	33,058	35,120	
2-year.....	53,870	37,583	39,933	34,733	39,454	38,431	40,571	36,349	37,342	35,608	31,818	27,696	25,965	40,373	
For-profit.....	42,346	29,543	30,023	28,942	45,505	44,248	49,693	48,469	53,548	43,389	33,043	29,894	‡	27,958	
<b>2009–10</b>															
All institutions.....	83,545	74,620	80,881	66,647	103,682	108,225	92,830	74,125	76,400	71,017	62,245	57,791	52,185	56,803	
Public.....	80,811	72,178	77,948	65,139	99,208	103,746	88,815	73,379	75,687	70,256	62,160	59,310	50,228	55,864	
4-year.....	85,254	76,147	82,423	67,276	103,948	107,191	95,048	75,251	77,282	72,298	63,442	46,028	50,104	54,005	
Doctoral <sup>2</sup> .....	91,639	81,850	89,186	70,307	113,063	115,829	103,793	78,539	80,830	74,963	66,902	44,406	50,313	53,135	
Master's <sup>3</sup> .....	76,404	68,243	71,574	64,239	87,917	88,929	85,883	70,332	71,340	69,036	59,396	44,422	49,746	55,765	
Other 4-year.....	68,522	61,202	63,678	58,349	76,448	79,143	72,073	65,003	66,297	63,338	55,055	54,050	49,432	54,487	
2-year.....	69,711	62,264	63,697	61,047	72,377	74,423	70,429	60,632	61,565	59,852	54,161	65,503	53,548	56,239	
Nonprofit.....	90,225	80,587	87,600	70,676	112,146	116,401	101,119	75,565	77,764	72,502	62,395	47,842	57,508	62,242	
4-year.....	90,394	80,738	87,720	70,834	112,252	116,472	101,290	75,664	77,827	72,642	62,465	47,885	57,520	62,542	
Doctoral <sup>2</sup> .....	106,899	95,480	104,514	80,888	134,776	138,354	123,283	85,864	88,699	81,499	71,973	53,825	58,932	66,634	
Master's <sup>3</sup> .....	73,642	65,776	68,776	62,128	82,516	84,062	79,452	66,524	67,508	65,309	55,469	45,305	53,637	60,591	
Other 4-year.....	72,342	64,614	67,178	61,326	84,869	85,528	83,480	64,747	64,949	64,478	53,130	42,145	52,422	52,775	
2-year.....	51,201	45,731	44,417	46,529	53,063	55,046	51,310	45,863	45,768	45,717	42,706	46,010	32,393	43,562	
For-profit.....	61,401	54,842	56,689	52,925	79,574	81,765	75,817	71,376	72,429	70,199	66,027	41,742	‡	53,705	
<b>2015–16</b>															
All institutions.....	83,737	82,224	89,361	73,850	115,539	121,535	103,364	82,147	84,781	78,977	69,378	60,911	57,306	60,341	
Public.....	80,320	78,869	85,367	71,493	108,918	114,767	97,491	80,862	83,546	77,632	69,146	62,749	55,149	58,465	
4-year.....	84,922	83,389	90,464	74,378	115,035	119,358	105,047	83,060	85,442	80,009	71,042	51,234	54,986	58,511	
Doctoral <sup>2</sup> .....	91,142	89,496	97,705	78,270	125,031	128,857	114,856	87,067	89,719	83,533	75,153	50,225	56,000	57,819	
Master's <sup>3</sup> .....	73,897	72,562	75,843	68,875	92,207	93,528	89,912	75,040	76,113	73,765	64,435	48,183	52,509	56,395	
Other 4-year.....	64,761	63,591	65,649	61,503	77,449	80,137	73,766	68,334	69,737	66,812	58,884	57,612	51,090	59,871	
2-year.....	67,232	66,018	67,352	64,924	75,878	77,478	74,493	65,124	66,059	64,402	57,994	69,023	57,970	58,447	
Nonprofit.....	91,973	90,312	98,538	79,883	128,119	133,940	115,379	84,664	87,194	81,610	69,873	51,325	63,865	69,678	
4-year.....	92,344	90,676	98,909	80,219	128,198	134,008	115,470	84,690	87,208	81,646	69,913	52,795	65,184	69,852	
Doctoral <sup>2</sup> .....	107,586	105,643	116,304	90,607	153,038	158,178	138,217	95,404	98,851	91,003	79,284	57,755	66,795	75,433	
Master's <sup>3</sup> .....	73,457	72,130	75,189	68,712	89,908	91,076	87,870	72,589	73,631	71,393	61,394	49,553	59,158	68,046	
Other 4-year.....	73,017	71,698	74,131	68,989	94,751	95,205	93,980	72,252	72,449	72,033	58,791	45,876	60,131	55,388	
2-year.....	29,451	28,919	26,522	31,191	64,286	64,892	63,541	65,998	65,341	66,211	49,618	21,405	4,541	56,968	
For-profit.....	54,421	53,438	53,117	53,803	81,269	79,804	83,596	70,381	70,623	70,204	57,442	38,914	63,571	55,587	
<b>2016–17</b>															
All institutions.....	84,630	84,630	91,944	76,121	118,914	125,067	106,651	84,179	86,868	80,985	71,626	63,644	58,749	61,687	
Public.....	81,211	81,211	87,860	73,708	112,369	118,434	100,745	82,865	85,608	79,606	71,461	65,253	56,323	59,818	
4-year.....	85,612	85,612	92,826	76,570	118,604	123,128	108,430	85,161	87,579	82,100	73,421	56,111	56,343	60,301	
Doctoral <sup>2</sup> .....	91,794	91,794	100,145	80,589	128,503	132,594	118,140	89,321	91,978	85,828	77,687	52,212	57,335	60,230	
Master's <sup>3</sup> .....	73,752	73,752	77,084	70,021	93,949	95,327	91,551	76,456	77,508	75,217	66,024	48,492	53,396	57,606	
Other 4-year.....	66,871	66,871	68,529	65,250	79,097	81,758	75,538	68,746	70,074	67,326	59,377	49,426	51,766	60,922	
2-year.....	67,684	67,684	69,006	66,601	77,678	79,298	76,288	66,240	67,061	65,620	59,107	71,329	55,607	59,614	
Nonprofit.....	92,867	92,867	101,336	82,276	131,290	137,170	118,675	86,714	89,304	83,638	72,003	54,952	65,938	71,258	
4-year.....	92,970	92,970	101,422	82,377	131,386	137,238	118,811	86,732	89,318	83,657	72,043	55,063	65,944	71,406	
Doctoral <sup>2</sup> .....	108,416	108,416	119,302	93,291	156,716	162,388	142,275	97,477	100,968	93,101	82,831	60,091	67,213	78,541	
Master's <sup>3</sup> .....	73,429	73,429	76,636	69,907	91,679	92,800	89,755	74,060	75,276	72,696	62,362	51,798	60,421	67,514	
Other 4-year.....	73,298	73,298	75,651	70,696	96,411	96,768	95,816	74,361	74,417	74,299	59,980	46,400	63,368	57,839	
2-year.....	55,447	55,447	53,345	56,637	66,207	64,972	67,158	70,809	67,514	72,250	52,065	48,817	61,460	52,352	
For-profit.....	59,497	59,497	60,324	58,650	79,138	82,347	70,456	69,171	67,517	70,473	58,623	48,241	87,394	61,656	

‡Reporting standards not met (too few cases).

<sup>1</sup>Constant dollars based on the Consumer Price Index, prepared by the Bureau of Labor Statistics, U.S. Department of Labor, adjusted to an academic-year basis.

<sup>2</sup>Institutions that awarded 20 or more doctor's degrees during the previous academic year.

<sup>3</sup>Institutions that awarded 20 or more master's degrees, but less than 20 doctor's degrees, during the previous academic year. This definition differs from the definition of master's institutions that is used some *Digest* tables that present postsecondary finance data.

NOTE: Data exclude instructional faculty at medical schools. Degree-granting institutions grant associate's or higher degrees and participate in Title IV federal financial aid programs. Some data have been revised from previously published figures.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), "Salaries, Tenure, and Fringe Benefits of Full-Time Instructional Faculty Survey" (IPEDS-SA-99); and IPEDS, Winter 2009–10, Spring 2016, and Spring 2017, Human Resources component, Salaries section. (This table was prepared November 2017.)

**Table 316.30. Average salary of full-time instructional faculty on 9-month contracts in degree-granting postsecondary institutions, by control and level of institution and state or jurisdiction: 2016–17**  
[In current dollars]

State or jurisdiction	All institutions	Public institutions						Nonprofit institutions						For-profit institutions
		Total	4-year institutions			2-year	Total	4-year institutions			2-year			
			Total	Doctoral <sup>1</sup>	Masters <sup>2</sup>			Other	Total	Doctoral <sup>1</sup>		Masters <sup>2</sup>	Other	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
<b>United States</b> .....	<b>\$84,630</b>	<b>\$81,211</b>	<b>\$85,612</b>	<b>\$91,794</b>	<b>\$73,752</b>	<b>\$66,871</b>	<b>\$67,684</b>	<b>\$92,867</b>	<b>\$92,970</b>	<b>\$108,416</b>	<b>\$73,429</b>	<b>\$73,298</b>	<b>\$55,447</b>	<b>\$59,497</b>
Alabama .....	70,940	73,015	78,816	85,721	64,214	74,916	54,657	58,258	58,258	62,587	53,645	54,414	†	58,873
Alaska .....	81,735	82,610	82,627	84,561	81,423	†	81,319	52,437	52,119	†	52,119	†	†	†
Arizona .....	83,051	84,293	87,429	88,868	78,633	48,693	68,099	64,548	64,548	†	64,548	†	†	64,645
Arkansas .....	61,449	61,933	67,518	72,392	56,691	60,858	45,629	58,703	59,001	65,314	62,922	54,560	30,247	†
California .....	102,212	99,659	105,487	116,043	84,374	91,103	90,371	112,275	112,275	121,936	87,777	96,828	†	65,838
Colorado .....	82,031	80,698	84,081	90,169	62,475	66,248	58,603	89,828	89,828	93,637	83,555	72,674	†	78,284
Connecticut .....	105,121	95,633	100,821	106,272	89,583	†	78,599	114,497	114,497	123,549	96,720	86,244	†	56,087
Delaware .....	97,732	99,900	99,900	106,472	†	68,762	†	65,760	66,517	†	66,517	†	55,914	†
District of Columbia .....	106,723	83,345	83,345	131,360	78,010	†	†	108,562	108,562	109,776	80,929	†	†	72,511
Florida .....	78,984	77,828	78,410	91,289	73,962	60,038	55,301	82,667	82,667	96,870	72,393	63,767	†	54,409
Georgia .....	75,376	73,909	75,161	81,672	62,630	56,399	48,049	80,155	80,309	101,572	68,624	63,337	72,944	62,756
Hawaii .....	87,788	89,458	97,072	99,949	†	76,671	73,639	76,280	76,280	†	72,716	106,577	†	†
Idaho .....	65,243	65,811	68,779	71,448	68,709	52,263	53,549	58,464	58,464	†	56,168	60,618	†	†
Illinois .....	89,492	82,843	86,870	89,123	74,329	†	76,177	98,335	98,371	114,932	71,252	64,534	43,483	62,864
Indiana .....	81,489	80,887	85,784	90,901	67,024	60,079	50,700	82,714	82,714	95,756	65,346	71,687	†	†
Iowa .....	76,454	82,418	91,799	96,974	69,542	†	61,090	66,378	66,378	74,102	59,462	69,013	†	46,314
Kansas .....	68,384	70,931	77,128	82,201	60,314	†	55,222	51,964	51,964	56,611	56,286	45,322	†	74,112
Kentucky .....	66,790	68,595	74,058	75,522	62,096	†	51,747	59,921	59,921	63,507	55,026	61,782	†	42,551
Louisiana .....	66,486	62,524	67,713	74,819	55,267	47,977	44,184	83,673	83,673	90,866	57,777	55,646	†	†
Maine .....	77,440	72,115	76,554	82,852	68,107	63,133	56,997	84,796	85,209	66,488	54,627	98,905	56,877	†
Maryland .....	83,861	83,872	89,378	92,924	77,457	†	72,923	83,966	83,966	98,542	73,523	72,190	†	64,684
Massachusetts .....	107,244	89,116	96,717	105,041	83,452	55,693	66,461	115,810	115,811	129,169	92,408	92,225	†	56,834
Michigan .....	90,365	93,879	96,847	99,441	79,373	81,557	77,174	69,588	69,588	84,345	67,924	67,288	†	†
Minnesota .....	80,898	82,773	90,215	108,607	79,143	64,072	69,517	76,789	76,789	77,560	65,432	79,977	†	58,031
Mississippi .....	62,237	62,565	68,743	71,463	55,772	†	53,663	59,367	59,367	66,032	62,282	44,127	†	62,565
Missouri .....	75,032	70,302	74,008	82,281	62,967	59,372	58,722	83,496	83,496	98,956	63,436	55,613	†	44,581
Montana .....	65,591	67,784	70,842	74,658	61,948	56,775	47,608	51,713	52,784	†	52,726	52,827	39,981	†
Nebraska .....	73,038	74,379	77,587	81,976	65,592	†	60,321	68,446	68,479	84,346	57,621	57,608	†	†
Nevada .....	82,978	83,486	84,182	89,995	†	70,371	73,906	60,095	60,095	†	60,095	†	†	52,694
New Hampshire .....	98,221	88,983	95,083	103,948	80,949	86,028	63,729	109,848	109,848	146,005	71,210	73,734	†	†
New Jersey .....	105,422	102,342	109,581	111,818	99,356	†	78,941	112,703	112,703	125,458	85,434	76,838	†	63,464
New Mexico .....	66,772	66,488	72,481	78,273	62,100	47,097	52,632	82,747	82,747	†	82,747	†	†	71,439
New York .....	94,682	83,603	87,753	101,083	81,269	72,960	74,572	105,220	105,272	115,911	80,410	86,919	79,284	47,933
North Carolina .....	77,603	73,478	84,940	88,007	72,864	75,991	50,389	88,587	88,921	112,918	60,934	62,867	41,811	66,308
North Dakota .....	68,263	70,767	72,520	80,853	54,522	56,113	57,263	51,580	51,580	54,570	†	44,365	†	†
Ohio .....	78,843	81,553	85,964	88,674	59,970	67,838	62,679	73,160	73,176	81,368	64,772	75,355	47,500	46,383
Oklahoma .....	68,903	68,234	72,865	80,094	61,994	47,097	49,003	71,697	71,697	86,327	58,705	55,304	†	†
Oregon .....	77,613	77,844	81,099	85,854	61,234	†	70,964	76,866	76,866	78,478	55,688	81,307	†	55,730
Pennsylvania .....	90,979	88,322	92,433	101,838	85,803	74,911	65,348	93,873	94,347	108,165	75,556	83,064	49,460	48,710
Rhode Island .....	97,284	79,572	85,340	92,420	71,557	†	60,300	110,323	110,323	135,668	88,683	†	†	†
South Carolina .....	69,321	71,644	81,475	94,138	71,899	59,718	49,874	60,972	61,134	59,463	62,913	56,935	51,530	51,481
South Dakota .....	65,660	67,845	70,302	71,354	71,270	45,408	57,632	55,614	†	†	57,917	42,552	†	53,537
Tennessee .....	75,051	70,832	76,588	79,071	67,017	†	52,090	84,167	84,167	104,244	61,939	58,758	†	64,901
Texas .....	77,292	74,507	81,081	84,993	70,823	56,795	60,475	89,513	89,610	103,458	71,093	57,035	38,727	59,976
Utah .....	76,518	76,349	78,057	90,135	68,175	58,384	58,729	81,004	81,384	111,131	72,159	†	61,322	24,887
Vermont .....	80,602	80,775	80,775	90,200	64,896	57,978	†	80,435	80,435	†	83,802	55,227	†	†
Virginia .....	79,920	83,367	88,639	91,523	71,084	69,336	62,651	69,920	69,981	75,200	58,457	62,878	56,385	50,387
Washington .....	80,005	80,851	83,659	96,821	77,926	60,943	60,734	77,384	77,417	83,659	64,472	74,543	†	66,483
West Virginia .....	64,489	66,086	68,637	75,510	58,590	56,315	48,640	50,269	50,269	49,474	49,373	51,982	†	†
Wisconsin .....	77,145	79,025	78,251	90,094	62,235	77,573	81,069	70,253	70,253	78,887	62,518	65,409	†	†
Wyoming .....	73,368	†	†	85,854	†	†	58,474	†	†	†	†	†	†	†
U.S. Service Academies .....	105,177	105,177	105,177	†	†	105,177	†	†	†	†	†	†	†	†
<b>Other jurisdictions</b> .....	<b>56,835</b>	<b>60,236</b>	<b>62,410</b>	<b>65,400</b>	<b>68,953</b>	<b>55,931</b>	<b>44,223</b>	<b>31,431</b>	<b>31,431</b>	<b>40,874</b>	<b>35,470</b>	<b>10,896</b>	†	<b>19,658</b>
American Samoa .....	30,196	30,196	30,196	†	†	30,196	†	†	†	†	†	†	†	†
Federated States of Micronesia .....	32,130	32,130	†	†	†	†	32,130	†	†	†	†	†	†	†
Guam .....	65,845	65,845	70,031	†	70,031	†	55,883	†	†	†	†	†	†	†
Marshall Islands .....	†	†	†	†	†	†	†	†	†	†	†	†	†	†
Northern Marianas .....	42,691	42,691	42,691	†	†	42,691	†	†	†	†	†	†	†	†
Palau .....	†	†	†	†	†	†	†	†	†	†	†	†	†	†
Puerto Rico .....	57,722	62,475	63,161	65,400	†	59,754	50,201	31,431	31,431	40,874	35,470	10,896	†	19,658
U.S. Virgin Islands .....	67,548	67,548	67,548	†	67,548	†	†	†	†	†	†	†	†	†

†Not applicable.

‡Reporting standards not met (too few cases).

<sup>1</sup>Institutions that awarded 20 or more doctor's degrees during the previous academic year.

<sup>2</sup>Institutions that awarded 20 or more master's degrees, but less than 20 doctor's degrees, during the previous academic year. This definition differs from the definition of master's institutions that is used some *Digest* tables that present postsecondary finance data.

NOTE: Data exclude instructional faculty at medical schools. Degree-granting institutions grant associate's or higher degrees and participate in Title IV federal financial aid programs. Data include imputations for nonrespondent institutions.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), Spring 2017, Human Resources component, Salaries section. (This table was prepared November 2017.)

**Table 316.50. Average salary of full-time instructional faculty on 9-month contracts in 4-year degree-granting postsecondary institutions, by control and classification of institution, academic rank of faculty, and state or jurisdiction: 2016–17**  
[In current dollars]

State or jurisdiction	Public doctoral <sup>1</sup>			Public master's <sup>2</sup>			Nonprofit doctoral <sup>1</sup>			Nonprofit master's <sup>2</sup>		
	Professor	Associate professor	Assistant professor	Professor	Associate professor	Assistant professor	Professor	Associate professor	Assistant professor	Professor	Associate professor	Assistant professor
1	2	3	4	5	6	7	8	9	10	11	12	13
<b>United States</b> .....	<b>\$128,503</b>	<b>\$89,321</b>	<b>\$77,687</b>	<b>\$93,949</b>	<b>\$76,456</b>	<b>\$66,024</b>	<b>\$156,716</b>	<b>\$97,477</b>	<b>\$82,831</b>	<b>\$91,679</b>	<b>\$74,060</b>	<b>\$62,362</b>
Alabama .....	125,407	87,741	72,807	82,672	69,042	60,256	99,757	73,881	39,483	66,017	56,225	48,321
Alaska .....	106,757	88,097	72,907	106,042	87,497	69,066	†	†	†	60,702	53,600	44,935
Arizona .....	128,636	91,203	79,894	130,005	94,489	71,307	†	†	†	61,255	77,325	70,390
Arkansas .....	102,728	75,954	67,971	122,981	62,365	55,377	80,727	66,801	59,288	70,023	64,211	56,454
California .....	151,841	102,484	89,122	102,834	86,907	77,878	166,821	105,694	90,740	106,294	85,522	71,285
Colorado .....	122,754	91,191	80,544	81,621	65,813	56,713	135,189	94,707	82,873	112,623	81,519	61,364
Connecticut .....	139,354	99,020	81,003	105,890	86,864	69,468	182,124	97,396	85,607	136,343	96,337	79,748
Delaware .....	142,469	99,178	85,687	†	†	†	†	†	†	79,631	67,988	60,703
District of Columbia .....	151,153	118,383	99,428	105,626	76,509	64,323	160,563	104,569	86,660	114,036	80,214	69,849
Florida .....	125,717	88,918	79,832	104,309	79,872	66,986	134,523	91,891	78,086	94,052	77,853	62,854
Georgia .....	115,703	83,561	72,284	76,586	65,632	59,516	143,074	90,533	80,534	78,156	63,040	54,276
Hawaii .....	127,093	95,419	81,949	†	†	†	†	†	†	82,502	76,675	71,899
Idaho .....	94,296	75,599	65,002	87,715	72,471	68,526	†	†	†	64,094	56,697	51,192
Illinois .....	122,795	85,166	81,178	96,520	75,444	65,676	175,819	101,434	90,783	84,130	71,313	61,873
Indiana .....	129,602	89,131	78,807	88,480	71,586	63,280	140,481	90,661	73,912	80,969	66,077	57,710
Iowa .....	133,798	95,052	81,450	93,593	73,248	65,430	90,993	73,654	61,009	69,710	60,249	54,850
Kansas .....	114,290	80,627	71,575	74,910	62,835	59,137	67,097	51,009	56,160	65,911	59,131	52,273
Kentucky .....	105,456	75,233	67,916	80,714	65,062	58,033	78,455	61,954	54,037	63,314	55,745	49,423
Louisiana .....	103,733	75,243	69,356	73,050	57,472	53,333	129,963	82,948	80,647	66,624	57,564	54,083
Maine .....	107,148	83,439	63,549	85,738	71,364	58,191	90,469	74,033	60,501	67,408	57,101	48,658
Maryland .....	135,950	97,037	81,290	93,995	76,803	69,037	134,485	96,397	96,842	87,433	74,581	61,518
Massachusetts .....	144,396	106,644	88,611	101,873	80,045	68,485	181,485	109,765	97,187	123,496	89,551	74,372
Michigan .....	134,896	93,873	80,848	94,349	81,845	70,579	103,526	83,519	73,066	78,441	66,453	60,566
Minnesota .....	146,844	98,052	89,299	94,593	79,135	67,790	97,239	77,280	63,358	80,941	67,345	61,442
Mississippi .....	101,968	76,978	69,012	69,285	60,894	52,917	83,752	68,262	57,554	78,253	61,219	59,146
Missouri .....	109,880	77,846	68,945	79,823	65,187	57,035	142,986	90,127	78,787	79,995	65,215	55,765
Montana .....	93,378	73,596	67,455	76,784	68,168	57,273	†	†	†	61,260	49,241	53,639
Nebraska .....	119,791	75,236	64,840	81,998	66,202	55,539	113,826	83,452	66,968	65,013	56,709	53,418
Nevada .....	124,365	91,301	72,798	†	†	†	†	†	†	79,310	68,314	52,143
New Hampshire .....	129,285	101,178	82,327	95,951	79,635	65,685	189,458	121,683	102,226	95,252	70,966	63,794
New Jersey .....	152,700	105,365	84,482	121,452	94,579	77,994	183,047	101,564	89,129	105,493	90,772	68,693
New Mexico .....	104,668	75,497	70,452	77,010	65,874	57,804	†	†	†	†	†	†
New York .....	131,489	95,249	81,032	103,986	81,242	69,018	165,534	104,784	87,781	99,559	79,369	68,306
North Carolina .....	124,958	85,208	76,894	92,144	73,870	68,501	165,230	97,435	78,983	74,695	64,263	56,514
North Dakota .....	108,195	84,321	73,024	75,516	58,993	49,199	69,667	63,373	48,270	†	†	†
Ohio .....	122,433	87,627	76,598	76,551	62,856	55,781	114,399	78,699	69,122	80,435	68,221	60,217
Oklahoma .....	110,174	79,073	71,487	80,037	66,689	56,862	110,572	77,094	77,532	68,242	62,477	53,086
Oregon .....	123,219	89,005	78,604	80,163	64,756	51,889	102,603	79,672	64,525	62,333	58,068	50,641
Pennsylvania .....	145,215	100,220	81,207	110,791	89,639	72,369	154,914	98,367	85,134	95,683	78,342	64,595
Rhode Island .....	119,979	87,239	82,775	81,465	71,267	60,533	176,083	115,561	95,719	115,025	87,331	75,539
South Carolina .....	130,745	92,457	86,150	89,774	72,640	64,444	64,591	61,417	52,243	79,550	63,400	55,377
South Dakota .....	95,821	78,230	70,171	89,186	72,704	69,277	†	†	†	68,149	58,795	54,529
Tennessee .....	108,939	79,424	68,299	84,755	68,568	60,673	144,494	94,136	77,776	75,109	61,319	53,076
Texas .....	126,032	88,075	74,613	91,368	76,192	69,498	143,604	96,753	83,540	88,400	72,803	61,275
Utah .....	120,295	86,818	77,459	85,636	71,373	63,483	141,777	106,818	72,036	88,705	76,793	54,362
Vermont .....	123,337	92,839	77,850	77,603	55,240	47,230	†	†	†	105,083	80,206	70,776
Virginia .....	129,329	89,856	75,703	88,710	72,915	64,428	117,659	87,562	69,106	71,404	59,753	52,949
Washington .....	129,100	94,140	90,158	98,969	82,607	72,096	113,360	84,245	68,903	78,671	65,026	62,648
West Virginia .....	97,237	76,489	67,161	68,390	61,527	53,353	58,257	56,859	47,062	60,002	55,772	45,624
Wisconsin .....	117,899	82,433	76,449	74,353	63,242	61,929	105,053	79,612	72,218	76,978	63,454	55,422
Wyoming .....	116,819	82,747	78,606	†	†	†	†	†	†	†	†	†
U.S. Service Academies .....	†	†	†	†	†	†	†	†	†	†	†	†
<b>Other jurisdictions</b> .....	<b>83,744</b>	<b>71,462</b>	<b>52,284</b>	<b>89,161</b>	<b>72,779</b>	<b>55,985</b>	†	†	<b>50,633</b>	<b>14,627</b>	†	<b>47,903</b>
American Samoa .....	†	†	†	†	†	†	†	†	†	†	†	†
Federated States of Micronesia .....	†	†	†	†	†	†	†	†	†	†	†	†
Guam .....	†	†	†	92,523	73,666	54,053	†	†	†	†	†	†
Marshall Islands .....	†	†	†	†	†	†	†	†	†	†	†	†
Northern Marianas .....	†	†	†	†	†	†	†	†	†	†	†	†
Palau .....	†	†	†	†	†	†	†	†	†	†	†	†
Puerto Rico .....	83,744	71,462	52,284	†	†	†	†	†	†	50,633	14,627	†
U.S. Virgin Islands .....	†	†	†	85,024	71,125	57,423	†	†	†	†	†	†

†Not applicable.  
<sup>1</sup>Institutions that awarded 20 or more doctor's degrees during the previous academic year.  
<sup>2</sup>Institutions that awarded 20 or more master's degrees, but less than 20 doctor's degrees, during the previous academic year. This definition differs from the definition of master's institutions that is used some *Digest* tables that present postsecondary finance data.

NOTE: Data exclude instructional faculty at medical schools. Degree-granting institutions grant associate's or higher degrees and participate in Title IV federal financial aid programs. Data include imputations for nonrespondent institutions.  
 SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), Spring 2017, Human Resources component, Salaries section. (This table was prepared November 2017.)

**Table 316.80. Percentage of degree-granting postsecondary institutions with a tenure system and of full-time faculty with tenure at these institutions, by control and level of institution and selected characteristics of faculty: Selected years, 1993–94 through 2016–17**

Selected characteristic and academic year	All institutions	Public institutions						Nonprofit institutions						For-profit institutions
		Total	4-year institutions				2-year	Total	4-year institutions				2-year	
			Total	Doctoral <sup>1</sup>	Master's <sup>2</sup>	Other			Total	Doctoral <sup>1</sup>	Master's <sup>2</sup>	Other		
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
<b>Percent of institutions with a tenure system</b>														
1993–94.....	62.6	73.6	92.6	100.0	98.3	76.4	62.1	62.0	66.3	90.5	76.5	58.3	26.1	7.8
1999–2000.....	55.0	72.8	94.6	100.0	95.5	86.3	60.3	59.0	63.4	81.2	72.6	54.9	14.0	4.0
2003–04.....	52.7	71.3	90.9	100.0	98.0	70.9	59.4	57.9	61.2	86.6	71.6	49.5	14.4	3.6
2005–06.....	50.9	71.5	90.9	99.5	98.0	71.6	59.4	56.5	59.8	85.1	67.1	49.2	11.5	2.0
2007–08.....	49.5	70.7	91.0	100.0	98.6	71.6	57.4	57.5	60.2	87.8	66.0	49.0	13.0	1.4
2009–10.....	47.8	71.2	90.9	99.6	98.5	71.3	57.7	57.1	59.5	80.6	64.4	44.6	12.9	1.5
2011–12.....	45.3	71.6	90.8	99.6	98.5	70.5	57.8	55.6	58.6	79.5	64.0	42.7	8.0	1.3
2013–14.....	49.3	74.6	95.8	99.6	98.1	86.6	58.9	59.7	61.8	79.6	63.2	49.0	12.5	1.2
2015–16.....	51.9	74.8	95.2	99.6	97.6	85.7	58.9	57.7	60.6	79.8	60.8	47.0	7.5	1.3
2016–17.....	54.4	74.7	94.7	99.6	97.2	85.4	58.0	58.8	61.4	79.3	61.1	48.6	9.2	1.5
<b>Faculty with tenure at institutions with a tenure system</b>														
Percent of all full-time faculty <sup>3</sup>														
1993–94.....	56.2	58.9	56.3	54.5	60.5	51.1	69.9	49.5	49.5	47.6	51.8	50.4	47.9	33.8
1999–2000.....	53.7	55.9	53.2	50.4	59.1	54.7	67.7	48.2	48.1	43.4	52.3	53.5	59.7	77.4
2003–04.....	50.4	53.0	50.2	48.9	52.9	51.2	65.2	44.6	44.6	40.1	48.7	51.9	47.7	69.2
2005–06.....	49.6	51.5	48.7	47.2	52.3	49.1	64.1	45.1	45.1	40.7	49.1	52.5	45.2	69.3
2007–08.....	48.8	50.5	47.8	46.1	51.9	49.1	63.6	44.7	44.7	40.1	49.8	52.7	41.3	51.3
2009–10.....	48.7	50.6	47.8	45.7	53.6	51.3	64.1	44.3	44.3	40.4	50.5	54.1	38.5	51.0
2011–12.....	48.5	50.7	48.0	45.8	54.3	53.4	64.7	43.7	43.7	39.7	50.7	54.3	31.4	31.0
2013–14.....	48.3	50.4	47.3	44.9	55.4	52.2	67.2	43.8	43.8	39.5	51.7	55.9	31.5	19.8
2015–16.....	47.2	49.3	46.6	44.2	54.7	53.5	65.0	42.8	42.8	38.6	51.6	55.6	33.9	17.0
2016–17.....	46.3	48.1	45.7	43.3	53.4	54.7	63.6	42.4	42.4	38.3	51.1	55.4	32.2	17.2
Percent of full-time instructional faculty only														
2015–16														
Total.....	49.6	51.7	49.2	47.4	54.8	54.4	65.0	45.3	45.3	41.8	51.6	55.6	33.9	17.0
Male.....	55.5	57.4	55.9	54.7	60.7	57.3	67.4	51.7	51.7	48.7	57.3	61.4	46.1	18.9
Female.....	42.4	44.9	40.6	37.3	48.3	51.4	63.1	37.0	37.0	32.2	45.2	49.1	25.6	15.5
Professor.....	90.3	91.5	91.6	90.0	97.9	92.2	90.7	88.1	88.1	85.6	92.9	95.8	80.6	61.6
Male.....	90.8	92.0	92.0	90.7	98.0	93.2	91.7	88.5	88.5	86.5	92.8	95.8	88.9	66.0
Female.....	89.3	90.4	90.5	88.0	97.9	90.8	89.8	87.1	87.2	83.2	93.0	95.8	69.2	55.6
Associate professor.....	76.5	80.1	80.3	77.4	90.2	87.1	77.0	69.6	69.6	63.2	78.2	86.7	53.7	34.8
Male.....	76.8	80.5	80.7	77.9	90.5	87.0	78.4	69.5	69.5	63.6	78.3	86.0	81.3	29.7
Female.....	76.1	79.5	79.9	76.6	89.8	87.3	75.8	69.7	69.7	62.7	78.1	87.5	42.1	38.5
Assistant professor.....	6.0	7.8	4.5	1.7	10.0	25.4	43.5	2.8	2.8	1.8	5.6	3.9	11.1	4.9
Male.....	5.8	7.3	4.3	1.7	10.0	25.1	47.0	2.9	2.9	1.8	6.0	4.5	13.0	4.9
Female.....	6.2	8.2	4.7	1.8	10.0	25.6	41.0	2.6	2.6	1.7	5.2	3.3	9.7	4.9
Instructor.....	27.6	33.7	3.5	0.5	2.4	23.4	59.6	0.3	0.3	0.1	0.4	1.2	‡	3.1
Lecturer.....	1.8	2.4	1.8	1.0	3.7	4.3	22.5	0.2	0.2	0.1	‡	1.2	‡	‡
No academic rank.....	30.3	38.1	20.7	1.2	5.2	60.1	67.2	10.4	10.3	1.4	21.0	43.0	40.6	‡
2016–17														
Total.....	48.7	50.5	48.3	46.5	53.6	55.5	63.6	44.9	44.9	41.5	51.1	55.5	32.2	17.2
Male.....	54.6	56.2	54.9	53.7	59.4	58.5	65.7	51.2	51.2	48.4	56.8	60.9	37.2	20.0
Female.....	41.6	43.8	39.9	36.8	47.1	52.5	61.8	36.9	36.9	32.2	45.0	49.5	29.4	14.8
Professor.....	90.1	91.4	91.4	89.8	98.1	96.3	90.8	87.8	87.8	85.2	92.9	96.0	78.8	62.2
Male.....	90.6	92.0	91.9	90.6	98.1	96.6	92.0	88.2	88.2	86.1	93.0	95.8	84.6	71.1
Female.....	89.1	90.2	90.2	87.7	97.9	95.9	89.8	86.9	86.9	82.9	92.8	96.3	75.0	51.4
Associate professor.....	75.8	79.2	79.6	76.6	90.0	87.2	75.4	69.1	69.1	62.8	77.7	87.5	54.7	41.6
Male.....	76.1	79.8	80.0	77.3	90.0	87.8	77.1	68.9	68.9	63.1	77.7	86.8	75.0	34.3
Female.....	75.4	78.6	79.0	75.8	89.9	86.7	74.2	69.3	69.4	62.3	77.8	88.3	47.9	47.6
Assistant professor.....	5.5	7.1	4.0	1.7	8.9	23.1	44.1	2.6	2.6	1.6	5.5	3.9	9.8	‡
Male.....	5.4	6.7	3.8	1.6	9.0	23.7	47.1	2.9	2.8	1.8	5.8	4.5	11.5	‡
Female.....	5.7	7.5	4.2	1.8	8.7	22.6	41.9	2.4	2.4	1.3	5.2	3.3	8.6	‡
Instructor.....	26.4	32.4	8.4	0.5	2.0	41.3	56.7	0.2	0.2	0.1	0.1	0.8	‡	3.4
Lecturer.....	1.8	2.3	1.7	1.1	3.5	4.0	25.9	0.2	0.2	0.1	‡	1.5	‡	‡
No academic rank.....	29.6	37.2	22.3	1.9	2.6	59.4	65.8	4.8	4.6	1.9	22.0	1.8	34.5	‡

‡Not applicable.

‡Reporting standards not met (too few cases).

<sup>1</sup>Institutions that awarded 20 or more doctor's degrees during the previous academic year.

<sup>2</sup>Institutions that awarded 20 or more master's degrees, but less than 20 doctor's degrees, during the previous academic year.

<sup>3</sup>Includes instructional, research, and public service faculty.

NOTE: Degree-granting institutions grant associate's or higher degrees and participate in Title IV federal financial aid programs. Data include imputations for nonrespondent institutions. Some data have been revised from previously published figures.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), "Fall Staff Survey" (IPEDS-S:93–99); and IPEDS Winter 2003–04 through Winter 2011–12 and Spring 2014 through Spring 2017, Human Resources component, Fall Staff section. (This table was prepared November 2017.)

**Table 317.10. Degree-granting postsecondary institutions, by control and level of institution: Selected years, 1949–50 through 2016–17**

Year	All institutions			Public			Private								
	Total	4-year	2-year	Total	4-year	2-year	Total	4-year, total	2-year, total	Nonprofit			For-profit		
										Total	4-year	2-year	Total	4-year	2-year
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
<b>Excluding branch campuses</b>															
1949–50.....	1,851	1,327	524	641	344	297	1,210	983	227	—	—	—	—	—	—
1959–60.....	2,004	1,422	582	695	367	328	1,309	1,055	254	—	—	—	—	—	—
1969–70.....	2,525	1,639	886	1,060	426	634	1,465	1,213	252	—	—	—	—	—	—
1974–75.....	2,747	1,744	1,003	1,214	447	767	1,533	1,297	236	—	—	—	—	—	—
1975–76.....	2,765	1,767	998	1,219	447	772	1,546	1,320	226	—	—	—	—	—	—
1976–77.....	2,785	1,783	1,002	1,231	452	779	1,554	1,331	223	—	—	—	—	—	—
1977–78.....	2,826	1,808	1,018	1,241	454	787	1,585	1,354	231	—	—	—	—	—	—
1978–79.....	2,954	1,843	1,111	1,308	463	845	1,646	1,380	266	—	—	—	—	—	—
1979–80.....	2,975	1,863	1,112	1,310	464	846	1,665	1,399	266	—	—	—	—	—	—
1980–81.....	3,056	1,861	1,195	1,334	465	869	1,722	1,396	326 <sup>1</sup>	—	—	—	—	—	—
1981–82.....	3,083	1,883	1,200	1,340	471	869	1,743	1,412	331 <sup>1</sup>	—	—	—	—	—	—
1982–83.....	3,111	1,887	1,224	1,336	472	864	1,775	1,415	360 <sup>1</sup>	—	—	—	—	—	—
1983–84.....	3,117	1,914	1,203	1,325	474	851	1,792	1,440	352	—	—	—	—	—	—
1984–85.....	3,146	1,911	1,235	1,329	461	868	1,817	1,450	367	—	—	—	—	—	—
1985–86.....	3,155	1,915	1,240	1,326	461	865	1,829	1,454	375	—	—	—	—	—	—
<b>Including branch campuses</b>															
1974–75.....	3,004	1,866	1,138	1,433	537	896	1,571	1,329	242	—	—	—	—	—	—
1975–76.....	3,026	1,898	1,128	1,442	545	897	1,584	1,353	231	—	—	—	—	—	—
1976–77.....	3,046	1,913	1,133	1,455	550	905	1,591	1,363	228	1,536	1,348	188	55	15	40
1977–78.....	3,095	1,938	1,157	1,473	552	921	1,622	1,386	236	—	—	—	—	—	—
1978–79.....	3,134	1,941	1,193	1,474	550	924	1,660	1,391	269	1,564	1,376	188	96	15	81
1979–80.....	3,152	1,957	1,195	1,475	549	926	1,677	1,408	269	—	—	—	—	—	—
1980–81.....	3,231	1,957	1,274	1,497	552	945	1,734	1,405	329 <sup>1</sup>	1,569	1,387	182	165	18	147
1981–82.....	3,253	1,979	1,274	1,498	558	940	1,755	1,421	334 <sup>1</sup>	—	—	—	—	—	—
1982–83.....	3,280	1,984	1,296	1,493	560	933	1,787	1,424	363 <sup>1</sup>	—	—	—	—	—	—
1983–84.....	3,284	2,013	1,271	1,481	565	916	1,803	1,448	355	—	—	—	—	—	—
1984–85.....	3,331	2,025	1,306	1,501	566	935	1,830	1,459	371	1,616	1,430	186	214	29	185
1985–86.....	3,340	2,029	1,311	1,498	566	932	1,842	1,463	379	—	—	—	—	—	—
1986–87.....	3,406	2,070	1,336	1,533	573	960	1,873	1,497	376	1,635	1,462	173	238	35	203
1987–88.....	3,587	2,135	1,452	1,591	599	992	1,996	1,536	460	1,673	1,487	186	323	49	274
1988–89.....	3,565	2,129	1,436	1,582	598	984	1,983	1,531	452	1,658	1,478	180	325	53	272
1989–90.....	3,535	2,127	1,408	1,563	595	968	1,972	1,532	440	1,656	1,479	177	316	53	263
1990–91.....	3,559	2,141	1,418	1,567	595	972	1,992	1,546	446	1,649	1,482	167	343	64	279
1991–92.....	3,601	2,157	1,444	1,598	599	999	2,003	1,558	445	1,662	1,486	176	341	72	269
1992–93.....	3,638	2,169	1,469	1,624	600	1,024	2,014	1,569	445	1,672	1,493	179	342	76	266
1993–94.....	3,632	2,190	1,442	1,625	604	1,021	2,007	1,586	421	1,687	1,506	181	320	80	240
1994–95.....	3,688	2,215	1,473	1,641	605	1,036	2,047	1,610	437	1,702	1,510	192	345	100	245
1995–96.....	3,706	2,244	1,462	1,655	608	1,047	2,051	1,636	415	1,706	1,519	187	345	117	228
1996–97.....	4,009	2,267	1,742	1,702	614	1,088	2,307	1,653	654	1,693	1,509	184	614	144	470
1997–98.....	4,064	2,309	1,755	1,707	615	1,092	2,357	1,694	663	1,707	1,528	179	650	166	484
1998–99.....	4,048	2,335	1,713	1,681	612	1,069	2,367	1,723	644	1,695	1,531	164	672	192	480
1999–2000.....	4,084	2,363	1,721	1,682	614	1,068	2,402	1,749	653	1,681	1,531	150	721	218	503
2000–01.....	4,182	2,450	1,732	1,698	622	1,076	2,484	1,828	656	1,695	1,551	144	789	277	512
2001–02.....	4,197	2,487	1,710	1,713	628	1,085	2,484	1,859	625	1,676	1,541	135	808	318	490
2002–03.....	4,168	2,466	1,702	1,712	631	1,081	2,456	1,835	621	1,665	1,538	127	791	297	494
2003–04.....	4,236	2,530	1,706	1,720	634	1,086	2,516	1,896	620	1,664	1,546	118	852	350	502
2004–05.....	4,216	2,533	1,683	1,700	639	1,061	2,516	1,894	622	1,637	1,525	112	879	369	510
2005–06.....	4,276	2,582	1,694	1,693	640	1,053	2,583	1,942	641	1,647	1,534	113	936	408	528
2006–07.....	4,314	2,629	1,685	1,688	643	1,045	2,626	1,986	640	1,640	1,533	107	986	453	533
2007–08.....	4,352	2,675	1,677	1,685	653	1,032	2,667	2,022	645	1,624	1,532	92	1,043	490	553
2008–09.....	4,409	2,719	1,690	1,676	652	1,024	2,733	2,067	666	1,629	1,537	92	1,104	530	574
2009–10.....	4,495	2,774	1,721	1,672	672	1,000	2,823	2,102	721	1,624	1,539	85	1,199	563	636
2010–11.....	4,599	2,870	1,729	1,656	678	978	2,943	2,192	751	1,630	1,543	87	1,313	649	664
2011–12.....	4,706	2,968	1,738	1,649	682	967	3,057	2,286	771	1,653	1,553	100	1,404	733	671
2012–13.....	4,726	3,026	1,700	1,623	689	934	3,103	2,337	766	1,652	1,555	97	1,451	782	669
2013–14.....	4,724	3,039	1,685	1,625	691	934	3,099	2,348	751	1,675	1,587	88	1,424	761	663
2014–15.....	4,627	3,011	1,616	1,621	701	920	3,006	2,310	696	1,672	1,584	88	1,334	726	608
2015–16.....	4,583	3,004	1,579	1,620	710	910	2,963	2,294	669	1,701	1,594	107	1,262	700	562
2016–17.....	4,360	2,832	1,528	1,623	737	886	2,737	2,095	642	1,682	1,581	101	1,055	514	541

—Not available.

<sup>1</sup>Large increases are due to the addition of schools accredited by the Accrediting Commission of Career Schools and Colleges of Technology.

NOTE: Data through 1995–96 are for institutions of higher education, while later data are for degree-granting institutions. Degree-granting institutions grant associate's or higher degrees and participate in Title IV federal financial aid programs. Changes in counts of institutions over time are partly affected by increasing or decreasing numbers of institutions submitting separate data for branch campuses.

SOURCE: U.S. Department of Education, National Center for Education Statistics, *Education Directory, Colleges and Universities*, 1949–50 through 1965–66; Higher Education General Information Survey (HEGIS), "Institutional Characteristics of Colleges and Universities" surveys, 1966–67 through 1985–86; Integrated Postsecondary Education Data System (IPEDS), "Institutional Characteristics Survey" (IPEDS-IC:86–99); and IPEDS Fall 2000 through Fall 2016, Institutional Characteristics component. (This table was prepared February 2018.)

**Table 317.20. Degree-granting postsecondary institutions, by control and classification of institution and state or jurisdiction: 2016–17**

State or jurisdiction	Total	All public institutions	Public 4-year institutions							Public 2-year	All nonprofit institutions	Nonprofit 4-year institutions							Nonprofit 2-year	For-profit institutions		
			Total	Research university, very high <sup>1</sup>	Research university, high <sup>2</sup>	Doctoral/research university <sup>3</sup>	Master's <sup>4</sup>	Baccalaureate <sup>5</sup>	Special focus <sup>6</sup>			Total	Research university, very high <sup>1</sup>	Research university, high <sup>2</sup>	Doctoral/research university <sup>3</sup>	Master's <sup>4</sup>	Baccalaureate <sup>5</sup>	Special focus <sup>6</sup>		Total	4-year	2-year
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
<b>United States .....</b>	<b>4,360</b>	<b>1,623</b>	<b>737</b>	<b>81</b>	<b>74</b>	<b>38</b>	<b>271</b>	<b>223</b>	<b>50</b>	<b>886</b>	<b>1,682</b>	<b>1,581</b>	<b>34</b>	<b>30</b>	<b>54</b>	<b>412</b>	<b>460</b>	<b>591</b>	<b>101</b>	<b>1,055</b>	<b>514</b>	<b>541</b>
Alabama .....	73	39	14	1	4	0	8	1	0	25	21	20	0	0	0	4	10	6	1	13	8	5
Alaska .....	8	4	3	0	1	0	2	0	0	1	3	2	0	0	0	1	0	1	1	1	0	1
Arizona .....	80	30	10	2	1	2	2	1	2	20	12	12	0	0	0	2	3	7	0	38	22	16
Arkansas .....	52	33	11	1	0	1	6	2	1	22	16	12	0	0	0	2	9	1	4	3	2	1
California .....	436	151	46	8	2	3	18	13	2	105	148	142	3	1	9	31	23	75	6	137	73	64
Colorado .....	80	28	16	2	3	0	6	5	0	12	16	14	0	1	0	3	3	7	2	36	19	17
Connecticut .....	43	21	9	1	0	0	4	4	0	12	18	18	1	0	1	8	4	4	0	4	4	0
Delaware .....	8	3	3	1	0	0	1	1	0	0	4	3	0	0	1	0	1	1	1	1	1	0
District of Columbia .....	19	2	2	0	0	0	1	0	1	0	12	12	2	3	0	2	0	5	0	5	4	1
Florida .....	208	42	39	5	2	1	4	27	0	3	73	66	1	2	1	15	25	22	7	93	40	53
Georgia .....	126	53	30	3	1	4	9	12	1	23	38	33	1	1	1	5	17	8	5	35	13	22
Hawaii .....	20	10	4	1	0	0	1	2	0	6	6	6	0	0	0	2	3	1	0	4	3	1
Idaho .....	18	8	4	0	1	2	0	1	0	4	6	6	0	0	0	1	3	2	0	4	3	1
Illinois .....	177	60	12	2	3	0	7	0	0	48	85	82	2	2	4	19	18	37	3	32	17	15
Indiana .....	78	16	15	2	2	1	7	3	0	1	41	40	1	0	1	11	17	10	1	21	12	9
Iowa .....	62	19	3	2	0	0	1	0	0	16	33	33	0	0	0	9	15	9	0	10	8	2
Kansas .....	70	33	8	2	1	0	4	0	1	25	24	24	0	0	0	6	13	5	0	13	7	6
Kentucky .....	65	24	8	2	0	0	5	1	0	16	25	25	0	0	2	7	9	7	0	16	11	5
Louisiana .....	62	33	17	1	2	2	8	1	3	16	14	12	1	0	0	3	3	5	2	15	3	12
Maine .....	31	15	8	0	1	0	1	6	0	7	13	11	0	0	0	4	6	1	2	3	2	1
Maryland .....	56	29	13	1	1	2	7	1	1	16	19	19	1	0	0	6	4	8	0	8	3	5
Massachusetts .....	120	31	15	1	3	0	7	1	3	16	81	79	7	1	4	18	18	31	2	8	4	4
Michigan .....	92	46	21	3	3	2	6	7	0	25	39	39	0	0	1	10	13	15	0	7	4	3
Minnesota .....	100	43	12	1	0	0	8	2	1	31	35	34	0	0	2	8	11	13	1	22	20	2
Mississippi .....	39	23	8	1	3	0	4	0	0	15	9	9	0	0	0	3	4	2	0	7	1	6
Missouri .....	118	27	13	1	3	0	6	3	0	14	54	52	1	1	2	13	11	24	2	37	16	21
Montana .....	23	17	6	0	2	0	1	3	0	11	5	4	0	0	0	0	3	1	1	1	0	1
Nebraska .....	41	15	7	1	0	1	4	0	1	8	19	17	0	0	0	6	6	5	2	7	4	3
Nevada .....	26	7	6	0	2	0	0	4	0	1	5	4	0	0	0	1	0	3	1	14	6	8
New Hampshire .....	25	13	6	0	1	0	2	1	7	12	11	11	0	1	0	5	4	1	1	0	0	0
New Jersey .....	73	32	13	1	2	2	8	0	0	19	29	29	1	1	1	10	2	14	0	12	9	3
New Mexico .....	42	28	9	1	1	0	4	1	2	19	3	3	0	0	0	2	1	0	0	11	8	3
New York .....	298	79	43	4	1	1	23	10	4	36	181	170	5	7	36	26	91	11	38	21	17	
North Carolina .....	144	75	16	2	4	0	8	1	1	59	50	49	1	1	1	10	24	12	1	19	10	9
North Dakota .....	20	14	9	0	2	0	1	4	2	5	5	5	0	0	0	1	1	3	0	1	1	0
Ohio .....	195	60	35	2	7	1	1	21	3	25	71	67	1	1	2	20	20	23	4	64	18	46
Oklahoma .....	63	31	17	1	1	0	8	5	2	14	17	14	0	1	0	6	4	3	3	15	8	7
Oregon .....	57	26	9	2	1	0	4	1	1	17	24	24	0	0	0	7	5	12	0	7	4	3
Pennsylvania .....	245	62	45	3	0	1	16	23	2	17	118	104	2	3	4	33	31	31	14	65	10	55
Rhode Island .....	13	3	2	0	1	0	1	0	0	1	10	10	1	0	0	5	1	3	0	0	0	0
South Carolina .....	74	33	13	2	0	0	6	4	1	20	23	21	0	0	0	7	13	1	2	18	8	10
South Dakota .....	22	12	7	0	2	0	3	0	2	5	7	7	0	0	0	2	2	3	0	3	3	0
Tennessee .....	101	23	10	1	1	4	3	0	1	13	48	45	1	0	3	13	11	17	3	30	12	18
Texas .....	262	107	47	7	4	8	16	4	8	60	71	64	1	3	1	18	18	23	7	84	33	51
Utah .....	33	8	7	1	1	0	3	2	0	1	11	10	0	1	0	3	3	3	1	14	13	1

See notes at end of table.

**Table 317.20. Degree-granting postsecondary institutions, by control and classification of institution and state or jurisdiction: 2016–17—Continued**

State or jurisdiction	Total	All public institutions	Public 4-year institutions							Public 2-year	All nonprofit institutions	Nonprofit 4-year institutions							Nonprofit 2-year	For-profit institutions		
			Total	Research university, very high <sup>1</sup>	Research university, high <sup>2</sup>	Doctoral/research university <sup>3</sup>	Master's <sup>4</sup>	Baccalaureate <sup>5</sup>	Special focus <sup>6</sup>			Total	Research university, very high <sup>1</sup>	Research university, high <sup>2</sup>	Doctoral/research university <sup>3</sup>	Master's <sup>4</sup>	Baccalaureate <sup>5</sup>	Special focus <sup>6</sup>		Total	4-year	2-year
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
Vermont.....	23	6	5	0	1	0	1	3	0	1	16	16	0	0	0	6	8	2	0	1	1	0
Virginia.....	124	40	16	4	2	0	7	2	1	24	45	40	0	0	3	6	16	15	5	39	21	18
Washington.....	81	43	31	2	0	0	6	22	1	12	25	21	0	0	1	10	4	6	4	13	9	4
West Virginia.....	45	22	13	1	0	0	3	8	1	9	10	10	0	0	0	3	4	3	0	13	3	10
Wisconsin.....	74	31	15	2	0	0	9	4	0	16	30	30	0	1	2	9	9	9	0	13	12	1
Wyoming.....	10	8	1	0	1	0	0	0	0	7	2	1	0	0	0	0	1	0	1	0	0	0
U.S. Service Academies....	5	5	5	0	0	0	0	5	0	0	†	†	†	†	†	†	†	†	†	†	†	†
<b>Other jurisdictions ...</b>	<b>102</b>	<b>26</b>	<b>18</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>3</b>	<b>11</b>	<b>3</b>	<b>8</b>	<b>51</b>	<b>46</b>	<b>0</b>	<b>0</b>	<b>3</b>	<b>13</b>	<b>12</b>	<b>18</b>	<b>5</b>	<b>25</b>	<b>15</b>	<b>10</b>
American Samoa.....	1	1	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Federated States of Micronesia.....	1	1	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
Guam.....	3	2	1	0	0	0	1	0	0	1	1	1	0	0	0	0	0	1	0	0	0	0
Marshall Islands.....	1	1	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
Northern Marianas.....	1	1	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Palau.....	1	1	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
Puerto Rico.....	93	18	14	0	1	0	1	9	3	4	50	45	0	0	3	13	12	17	5	25	15	10
U.S. Virgin Islands.....	1	1	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

†Not applicable.

<sup>1</sup>Research universities with a very high level of research activity.

<sup>2</sup>Research universities with a high level of research activity.

<sup>3</sup>Institutions that award at least 20 research/scholarship doctor's degrees per year, but did not have a high level of research activity.

<sup>4</sup>Institutions that award at least 50 master's degrees and fewer than 20 doctor's degrees per year.

<sup>5</sup>Institutions that primarily emphasize undergraduate education. In addition to institutions that primarily award bachelor's degrees, also includes institutions classified as 4-year in the IPEDS system, but classified as 2-year baccalaureate/associate's colleges in the Carnegie Classification system because they primarily award associate's degrees.

<sup>6</sup>Four-year institutions that award degrees primarily in single fields of study, such as medicine, business, fine arts, theology, and engineering.

NOTE: Branch campuses are counted as separate institutions. Relative levels of research activity for research universities were determined by an analysis of research and development expenditures, science and engineering research staffing, and doctoral degrees conferred, by field. Further information on the research index ranking may be obtained from <http://carnegieclassifications.iu.edu/>. Degree-granting institutions grant associate's or higher degrees and participate in Title IV federal financial aid programs.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), Fall 2016, Institutional Characteristics component. (This table was prepared February 2018.)

**Table 317.30. Number of non-degree-granting institutions offering postsecondary education, by control of institution and state or jurisdiction: Selected years, 2000–01 through 2016–17**

State or jurisdiction	2000–01, total	2005–06, total	2010–11, total	2014–15					2015–16					2016–17				
				Total	Public	Private			Total	Public	Private			Total	Public	Private		
						Total	Non-profit	For-profit			Total	Non-profit	For-profit			Total	Non-profit	For-profit
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
<b>United States .....</b>	<b>2,297</b>	<b>2,187</b>	<b>2,422</b>	<b>2,524</b>	<b>343</b>	<b>2,181</b>	<b>155</b>	<b>2,026</b>	<b>2,438</b>	<b>345</b>	<b>2,093</b>	<b>158</b>	<b>1,935</b>	<b>2,246</b>	<b>335</b>	<b>1,911</b>	<b>141</b>	<b>1,770</b>
Alabama .....	10	9	9	14	0	14	1	13	13	0	13	1	12	16	0	16	2	14
Alaska .....	3	2	3	0	0	0	0	0	1	1	0	0	0	1	1	0	0	0
Arizona .....	33	34	42	48	2	46	0	46	47	2	45	0	45	43	2	41	1	40
Arkansas .....	36	32	32	31	2	29	1	28	32	2	30	0	30	29	2	27	0	27
California .....	230	235	248	252	12	240	22	218	244	11	233	18	215	228	12	216	18	198
Colorado .....	21	26	33	39	3	36	3	33	38	3	35	3	32	33	3	30	3	27
Connecticut .....	37	36	59	48	10	38	3	35	45	10	35	2	33	41	8	33	1	32
Delaware .....	4	6	8	8	0	8	1	7	8	0	8	1	7	9	0	9	1	8
District of Columbia .....	5	6	5	4	0	4	1	3	4	0	4	1	3	3	0	3	1	2
Florida .....	124	126	150	168	45	123	3	120	166	46	120	3	117	159	47	112	3	109
Georgia .....	38	44	46	47	1	46	3	43	44	1	43	5	38	39	1	38	2	36
Hawaii .....	6	5	5	5	0	5	0	5	5	0	5	0	5	5	0	5	0	5
Idaho .....	11	13	17	23	1	22	0	22	22	1	21	0	21	21	1	20	0	20
Illinois .....	88	94	108	117	2	115	7	108	102	2	100	6	94	92	2	90	7	83
Indiana .....	34	28	42	48	1	47	1	46	47	0	47	1	46	40	0	40	1	39
Iowa .....	27	26	26	27	0	27	2	25	26	0	26	2	24	26	0	26	2	24
Kansas .....	23	25	22	19	1	18	0	18	16	1	15	0	15	12	1	11	0	11
Kentucky .....	52	32	30	33	0	33	2	31	32	0	32	2	30	30	0	30	2	28
Louisiana .....	57	57	47	57	0	57	2	55	62	0	62	3	59	60	0	60	2	58
Maine .....	11	9	7	8	0	8	0	8	8	0	8	0	8	7	0	7	0	7
Maryland .....	34	27	32	38	0	38	0	38	34	0	34	0	34	32	0	32	0	32
Massachusetts .....	60	61	75	67	12	55	3	52	63	12	51	3	48	58	12	46	4	42
Michigan .....	72	65	89	84	1	83	3	80	82	1	81	6	75	76	1	75	4	71
Minnesota .....	20	21	26	27	0	27	2	25	24	0	24	2	22	16	0	16	2	14
Mississippi .....	16	20	20	20	0	20	0	20	19	0	19	0	19	18	0	18	0	18
Missouri .....	69	61	74	72	23	49	3	46	64	23	41	1	40	61	23	38	0	38
Montana .....	10	8	8	8	0	8	0	8	8	0	8	0	8	7	0	7	0	7
Nebraska .....	12	10	7	7	0	7	1	6	8	0	8	1	7	7	0	7	0	7
Nevada .....	10	9	18	21	0	21	1	20	18	0	18	1	17	16	0	16	1	15
New Hampshire .....	11	14	14	15	0	15	1	14	14	0	14	1	13	14	0	14	1	13
New Jersey .....	89	91	87	90	5	85	7	78	85	5	80	8	72	76	5	71	6	65
New Mexico .....	6	7	7	8	0	8	0	8	7	0	7	0	7	7	0	7	0	7
New York .....	152	133	151	156	33	123	24	99	155	34	121	21	100	145	31	114	21	93
North Carolina .....	36	29	42	46	1	45	3	42	42	1	41	3	38	33	1	32	3	29
North Dakota .....	5	5	8	9	0	9	0	9	9	0	9	0	9	9	0	9	0	9
Ohio .....	130	119	138	144	50	94	7	87	138	50	88	8	80	116	48	68	7	61
Oklahoma .....	84	78	83	79	48	31	0	31	77	48	29	0	29	69	43	26	0	26
Oregon .....	28	27	26	31	0	31	3	28	30	0	30	4	26	31	0	31	2	29
Pennsylvania .....	167	131	126	126	33	93	21	72	124	32	92	20	72	118	32	86	18	68
Rhode Island .....	12	10	11	11	0	11	2	9	11	0	11	1	10	11	0	11	1	10
South Carolina .....	14	21	27	30	1	29	1	28	28	1	27	1	26	31	1	30	0	30
South Dakota .....	5	6	6	6	0	6	3	3	6	0	6	3	3	6	0	6	3	3
Tennessee .....	54	58	66	76	26	50	1	49	76	26	50	1	49	71	26	45	1	44
Texas .....	161	169	170	179	0	179	3	176	175	0	175	9	166	155	0	155	9	146
Utah .....	26	24	34	40	7	33	0	33	40	7	33	0	33	40	8	32	0	32
Vermont .....	3	4	4	2	0	2	0	2	2	0	2	0	2	2	0	2	0	2
Virginia .....	56	42	33	41	6	35	3	32	41	6	35	4	31	35	5	30	4	26
Washington .....	42	37	37	35	1	34	5	29	36	1	35	6	29	33	1	32	3	29
West Virginia .....	36	31	33	30	16	14	3	11	30	18	12	3	9	30	18	12	3	9
Wisconsin .....	24	22	30	29	0	29	3	26	29	0	29	3	26	28	0	28	2	26
Wyoming .....	3	2	1	1	0	1	0	1	1	0	1	0	1	1	0	1	0	1
<b>Other jurisdictions .....</b>	<b>74</b>	<b>74</b>	<b>68</b>	<b>61</b>	<b>1</b>	<b>60</b>	<b>6</b>	<b>54</b>	<b>55</b>	<b>1</b>	<b>54</b>	<b>2</b>	<b>52</b>	<b>52</b>	<b>1</b>	<b>51</b>	<b>2</b>	<b>49</b>
American Samoa .....	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Guam .....	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Northern Marianas .....	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Palau .....	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Puerto Rico .....	74	74	68	61	1	60	6	54	55	1	54	2	52	52	1	51	2	49
U.S. Virgin Islands .....	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

NOTE: Includes all institutions that participated in Title IV federal financial aid programs but did not grant degrees at the associate's or higher level.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), Fall 2000 through Fall 2016, Institutional Characteristics component. (This table was prepared June 2018.)

**Table 317.40. Number of degree-granting postsecondary institutions and enrollment in these institutions, by enrollment size, control, and classification of institution: Fall 2016**

Control and classification of institution	Number of institutions, by enrollment size of institution <sup>1</sup>									
	Total	Under 200	200 to 499	500 to 999	1,000 to 2,499	2,500 to 4,999	5,000 to 9,999	10,000 to 19,999	20,000 to 29,999	30,000 or more
1	2	3	4	5	6	7	8	9	10	11
<b>Total</b> .....	<b>4,358</b>	<b>675</b>	<b>681</b>	<b>482</b>	<b>843</b>	<b>609</b>	<b>513</b>	<b>331</b>	<b>128</b>	<b>96</b>
Research university, very high <sup>2</sup> .....	115	0	0	0	1	0	5	21	35	53
Research university, high <sup>3</sup> .....	104	0	0	0	1	3	24	45	24	7
Doctoral/research university <sup>4</sup> .....	109	0	6	1	9	18	28	27	13	7
Master's <sup>5</sup> .....	741	11	11	38	174	220	181	80	14	12
Baccalaureate <sup>6</sup> .....	855	70	133	145	319	105	42	27	5	9
Special-focus <sup>7</sup> 4-year.....	907	350	228	160	113	40	12	3	1	0
2-year.....	1,527	244	303	138	226	223	221	128	36	8
<b>Public</b> .....	<b>1,623</b>	<b>13</b>	<b>36</b>	<b>68</b>	<b>294</b>	<b>353</b>	<b>393</b>	<b>275</b>	<b>111</b>	<b>80</b>
Research university, very high <sup>2</sup> .....	81	0	0	0	0	0	1	4	26	50
Research university, high <sup>3</sup> .....	74	0	0	0	0	0	12	34	22	6
Doctoral/research university <sup>4</sup> .....	38	0	0	0	1	1	6	17	11	2
Master's <sup>5</sup> .....	271	0	1	0	15	61	109	67	12	6
Baccalaureate <sup>6</sup> .....	223	0	3	19	63	59	41	26	4	8
Special-focus <sup>7</sup> 4-year.....	50	2	9	10	14	11	4	0	0	0
Arts, music, or design.....	2	0	0	0	2	0	0	0	0	0
Business and management.....	1	0	1	0	0	0	0	0	0	0
Engineering and other technology-related.....	2	0	0	1	0	1	0	0	0	0
Law.....	6	1	3	1	1	0	0	0	0	0
Medical schools and centers.....	25	1	0	5	6	10	3	0	0	0
Other health professions.....	5	0	3	0	2	0	0	0	0	0
Tribal colleges.....	8	0	2	3	3	0	0	0	0	0
Other special focus.....	1	0	0	0	0	0	1	0	0	0
2-year.....	886	11	23	39	201	221	220	127	36	8
High transfer institutions <sup>8</sup> .....	338	0	7	5	55	70	104	68	23	6
Mixed transfer/career and technical institutions <sup>9</sup> .....	307	0	1	14	82	74	76	46	12	2
High career and technical institutions <sup>10</sup> .....	213	2	2	18	60	77	40	13	1	0
Special-focus <sup>7</sup> 2-year.....	28	9	13	2	4	0	0	0	0	0
Health professions.....	5	0	4	0	1	0	0	0	0	0
Tribal colleges.....	19	9	8	1	1	0	0	0	0	0
Other programs.....	4	0	1	1	2	0	0	0	0	0
<b>Private nonprofit</b> .....	<b>1,681</b>	<b>315</b>	<b>255</b>	<b>234</b>	<b>465</b>	<b>232</b>	<b>108</b>	<b>49</b>	<b>14</b>	<b>9</b>
Research university, very high <sup>2</sup> .....	34	0	0	0	1	0	4	17	9	3
Research university, high <sup>3</sup> .....	30	0	0	0	1	3	12	11	2	1
Doctoral/research university <sup>4</sup> .....	54	0	1	0	6	15	20	9	2	1
Master's <sup>5</sup> .....	412	6	5	26	143	155	65	9	0	3
Baccalaureate <sup>6</sup> .....	460	24	54	100	241	39	0	1	1	1
Special-focus <sup>7</sup> 4-year.....	590	248	151	92	70	20	7	2	0	0
Arts, music, or design.....	57	13	16	12	12	2	1	1	0	0
Business and management.....	22	7	3	4	3	2	2	0	0	0
Engineering and other technology-related.....	6	1	2	1	1	0	0	1	0	0
Faith-related.....	296	185	76	23	9	2	1	0	0	0
Law.....	21	5	4	9	3	0	0	0	0	0
Medical schools and centers.....	27	1	2	4	11	9	0	0	0	0
Other health professions.....	131	26	39	33	28	3	2	0	0	0
Tribal colleges.....	5	0	3	2	0	0	0	0	0	0
Other special focus.....	25	10	7	3	3	1	1	0	0	0
2-year.....	101	37	44	16	3	0	0	1	0	0
High transfer institutions <sup>8</sup> .....	12	1	3	7	1	0	0	0	0	0
Mixed transfer/career and technical institutions <sup>9</sup> .....	4	0	1	1	2	0	0	0	0	0
High career and technical institutions <sup>10</sup> .....	16	7	8	1	0	0	0	0	0	0
Special-focus <sup>7</sup> 2-year.....	69	29	32	7	0	0	0	1	0	0
Health professions.....	27	11	4	0	0	0	0	1	0	0
Tribal colleges.....	3	2	1	0	0	0	0	0	0	0
Other programs.....	39	16	20	3	0	0	0	0	0	0
<b>Private for-profit</b> .....	<b>1,054</b>	<b>347</b>	<b>390</b>	<b>180</b>	<b>84</b>	<b>24</b>	<b>12</b>	<b>7</b>	<b>3</b>	<b>7</b>
Doctoral/research university <sup>4</sup> .....	17	0	5	1	2	2	2	1	0	4
Master's <sup>5</sup> .....	58	5	5	12	16	4	7	4	2	3
Baccalaureate <sup>6</sup> .....	172	46	76	26	15	7	1	1	0	0
Special-focus <sup>7</sup> 4-year.....	267	100	68	58	29	9	1	1	1	0
Arts, music, or design.....	73	28	10	22	9	3	0	1	0	0
Business and management.....	54	24	16	4	5	4	1	0	0	0
Engineering and other technology-related.....	11	5	3	2	1	0	0	0	0	0
Law.....	6	1	4	1	0	0	0	0	0	0
Medical schools and centers.....	1	0	0	1	0	0	0	0	0	0
Other health professions.....	115	40	32	26	14	2	0	0	1	0
Other special focus.....	7	2	3	2	0	0	0	0	0	0
2-year.....	540	196	236	83	22	2	1	0	0	0
High transfer institutions <sup>8</sup> .....	3	2	1	0	0	0	0	0	0	0
Mixed transfer/career and technical institutions <sup>9</sup> .....	8	3	3	0	1	1	0	0	0	0
High career and technical institutions <sup>10</sup> .....	166	55	75	28	6	1	1	0	0	0
Special-focus <sup>7</sup> 2-year.....	363	136	157	55	15	0	0	0	0	0
Health professions.....	231	71	106	44	10	0	0	0	0	0
Other programs.....	132	65	51	11	5	0	0	0	0	0

See notes at end of table.

**Table 317.40. Number of degree-granting postsecondary institutions and enrollment in these institutions, by enrollment size, control, and classification of institution: Fall 2015—Continued**

Control and level of institution	Enrollment, by enrollment size of institution									
	Total	Under 200	200 to 499	500 to 999	1,000 to 2,499	2,500 to 4,999	5,000 to 9,999	10,000 to 19,999	20,000 to 29,999	30,000 or more
1	12	13	14	15	16	17	18	19	20	21
<b>Total</b> .....	<b>19,841,014</b>	<b>71,035</b>	<b>225,653</b>	<b>350,082</b>	<b>1,406,522</b>	<b>2,159,130</b>	<b>3,658,686</b>	<b>4,629,508</b>	<b>3,151,631</b>	<b>4,188,767</b>
Research university, very high <sup>2</sup> .....	3,429,881	0	0	0	2,240	0	37,924	310,305	900,768	2,178,644
Research university, high <sup>3</sup> .....	1,692,634	0	0	0	2,038	13,432	185,704	654,376	600,616	236,468
Doctoral/research university <sup>4</sup> .....	1,398,806	0	2,675	624	15,433	66,550	213,134	351,089	300,695	448,606
Master's <sup>5</sup> .....	4,390,258	1,324	4,165	28,567	313,243	781,812	1,274,509	1,101,799	325,374	559,465
Baccalaureate <sup>6</sup> .....	2,170,451	7,854	46,584	108,605	515,581	360,099	282,161	382,875	119,818	346,874
Special-focus <sup>7</sup> 4-year.....	668,739	35,051	72,908	113,747	171,778	132,858	77,635	39,193	25,569	0
2-year.....	6,090,245	26,806	99,321	98,539	386,209	804,379	1,587,619	1,789,871	878,791	418,710
<b>Public</b> .....	<b>14,582,972</b>	<b>1,751</b>	<b>12,876</b>	<b>53,767</b>	<b>514,243</b>	<b>1,274,149</b>	<b>2,827,174</b>	<b>3,870,367</b>	<b>2,746,010</b>	<b>3,282,635</b>
Research university, very high <sup>2</sup> .....	2,811,612	0	0	0	0	0	7,378	73,747	678,959	2,051,528
Research university, high <sup>3</sup> .....	1,365,230	0	0	0	0	0	98,912	509,331	554,759	202,228
Doctoral/research university <sup>4</sup> .....	620,544	0	0	0	2,186	3,904	52,409	230,283	256,509	75,253
Master's <sup>5</sup> .....	2,471,390	0	426	0	30,095	229,732	787,151	912,739	278,384	232,863
Baccalaureate <sup>6</sup> .....	1,381,783	0	1,413	14,816	108,786	211,041	274,259	370,807	98,608	302,053
Special-focus <sup>7</sup> 4-year.....	91,337	196	3,004	7,617	21,247	34,274	24,999	0	0	0
Arts, music, or design.....	3,022	0	0	0	3,022	0	0	0	0	0
Business and management.....	297	0	297	0	0	0	0	0	0	0
Engineering and other technology-related.....	3,382	0	0	573	0	2,809	0	0	0	0
Law.....	2,713	184	961	561	1,007	0	0	0	0	0
Medical schools and centers.....	63,009	12	0	4,502	10,265	31,465	16,765	0	0	0
Other health professions.....	3,777	0	1,196	0	2,581	0	0	0	0	0
Tribal colleges.....	6,903	0	550	1,981	4,372	0	0	0	0	0
Other special focus.....	8,234	0	0	0	0	0	8,234	0	0	0
2-year.....	5,841,076	1,555	8,033	31,334	351,929	795,198	1,582,066	1,773,460	878,791	418,710
High transfer institutions <sup>8</sup> .....	2,967,672	0	2,556	3,896	100,964	252,699	762,667	988,765	557,868	298,257
Mixed transfer/career and technical institutions <sup>9</sup> .....	2,005,308	0	416	12,044	141,164	266,292	548,342	620,378	296,219	120,453
High career and technical institutions <sup>10</sup> .....	852,657	273	907	14,128	101,064	276,207	271,057	164,317	24,704	0
Special-focus <sup>7</sup> 2-year.....	15,439	1,282	4,154	1,266	8,737	0	0	0	0	0
Health professions.....	3,358	0	1,307	0	2,051	0	0	0	0	0
Tribal colleges.....	6,432	1,282	2,505	544	2,101	0	0	0	0	0
Other programs.....	5,649	0	342	722	4,585	0	0	0	0	0
<b>Private nonprofit</b> .....	<b>4,077,797</b>	<b>32,210</b>	<b>83,339</b>	<b>171,903</b>	<b>769,291</b>	<b>799,240</b>	<b>746,356</b>	<b>661,339</b>	<b>333,062</b>	<b>481,057</b>
Research university, very high <sup>2</sup> .....	618,269	0	0	0	2,240	0	30,546	236,558	221,809	127,116
Research university, high <sup>3</sup> .....	327,404	0	0	0	2,038	13,432	86,792	145,045	45,857	34,240
Doctoral/research university <sup>4</sup> .....	443,248	0	304	0	10,538	55,914	146,660	109,890	44,186	75,756
Master's <sup>5</sup> .....	1,580,184	688	1,811	19,737	256,446	538,156	437,372	126,850	0	199,124
Baccalaureate <sup>6</sup> .....	674,407	2,678	19,320	76,557	385,493	124,328	0	0	21,210	44,821
Special-focus <sup>7</sup> 4-year.....	383,728	24,861	47,715	64,773	107,398	67,410	44,986	26,585	0	0
Arts, music, or design.....	61,851	1,365	5,562	8,049	19,703	8,403	6,405	12,364	0	0
Business and management.....	33,352	620	1,073	3,021	5,966	9,553	13,119	0	0	0
Engineering and other technology-related.....	18,132	92	772	769	2,278	0	0	14,221	0	0
Faith-related.....	85,080	18,397	22,882	15,163	15,890	6,225	6,523	0	0	0
Law.....	12,583	624	1,402	7,095	3,462	0	0	0	0	0
Medical schools and centers.....	51,366	166	715	2,826	16,002	31,657	0	0	0	0
Other health professions.....	100,296	2,644	12,635	23,487	39,267	8,779	13,484	0	0	0
Tribal colleges.....	2,888	0	877	2,011	0	0	0	0	0	0
Other special focus.....	18,180	953	1,797	2,352	4,830	2,793	5,455	0	0	0
2-year.....	50,557	3,983	14,189	10,836	5,138	0	0	16,411	0	0
High transfer institutions <sup>8</sup> .....	7,723	44	1,101	5,089	1,489	0	0	0	0	0
Mixed transfer/career and technical institutions <sup>9</sup> .....	4,517	0	249	619	3,649	0	0	0	0	0
High career and technical institutions <sup>10</sup> .....	4,622	929	2,856	837	0	0	0	0	0	0
Special-focus <sup>7</sup> 2-year.....	33,695	3,010	9,983	4,291	0	0	0	16,411	0	0
Health professions.....	23,179	1,431	2,988	2,349	0	0	0	16,411	0	0
Tribal colleges.....	634	209	425	0	0	0	0	0	0	0
Other programs.....	9,882	1,370	6,570	1,942	0	0	0	0	0	0
<b>Private for-profit</b> .....	<b>1,180,245</b>	<b>37,074</b>	<b>129,438</b>	<b>124,412</b>	<b>122,988</b>	<b>85,741</b>	<b>85,156</b>	<b>97,802</b>	<b>72,559</b>	<b>425,075</b>
Doctoral/research university <sup>4</sup> .....	335,014	0	2,371	624	2,709	6,732	14,065	10,916	0	297,597
Master's <sup>5</sup> .....	338,684	636	1,928	8,830	26,702	13,924	49,986	62,210	46,990	127,478
Baccalaureate <sup>6</sup> .....	114,261	5,176	25,851	17,232	21,302	24,730	7,902	12,068	0	0
Special-focus <sup>7</sup> 4-year.....	193,674	9,994	22,189	41,357	43,133	31,174	7,650	12,608	25,569	0
Arts, music, or design.....	58,891	2,231	3,247	16,359	12,741	11,705	0	12,608	0	0
Business and management.....	41,011	2,542	5,152	3,270	8,541	13,856	7,650	0	0	0
Engineering and other technology-related.....	3,797	589	870	1,265	1,073	0	0	0	0	0
Law.....	2,466	134	1,644	688	0	0	0	0	0	0
Medical schools and centers.....	647	0	0	647	0	0	0	0	0	0
Other health professions.....	84,064	4,199	10,246	17,659	20,778	5,613	0	0	25,569	0
Other special focus.....	2,798	299	1,030	1,469	0	0	0	0	0	0
2-year.....	198,612	21,268	77,099	56,369	29,142	9,181	5,553	0	0	0
High transfer institutions <sup>8</sup> .....	636	248	388	0	0	0	0	0	0	0
Mixed transfer/career and technical institutions <sup>9</sup> .....	7,704	235	1,109	0	1,880	4,480	0	0	0	0
High career and technical institutions <sup>10</sup> .....	67,194	6,266	23,753	19,672	7,249	4,701	5,553	0	0	0
Special-focus <sup>7</sup> 2-year.....	123,078	14,519	51,849	36,697	20,013	0	0	0	0	0
Health professions.....	84,943	6,916	35,765	29,085	13,177	0	0	0	0	0
Other programs.....	38,135	7,603	16,084	7,612	6,836	0	0	0	0	0

See notes at end of table.

**Table 317.40. Number of degree-granting postsecondary institutions and enrollment in these institutions, by enrollment size, control, and classification of institution: Fall 2015—Continued**

<sup>1</sup>Excludes institutions with no enrollment reported separately from the enrollment of an associated main campus.

<sup>2</sup>Research universities with a very high level of research activity.

<sup>3</sup>Research universities with a high level of research activity.

<sup>4</sup>Institutions that award at least 20 research/scholarship doctor's degrees per year, but did not have a high level of research activity.

<sup>5</sup>Institutions that award at least 50 master's degrees and fewer than 20 doctor's degrees per year.

<sup>6</sup>Institutions that primarily emphasize undergraduate education. In addition to institutions that primarily award bachelor's degrees, also includes institutions classified as 4-year in the IPEDS system, but classified as 2-year baccalaureate/associate's colleges in the Carnegie Classification system because they primarily award associate's degrees.

<sup>7</sup>Institutions that award degrees primarily in single fields of study, such as medicine, business, fine arts, theology, and engineering.

<sup>8</sup>Institutions that award less than 30 percent of their awards in career and technical programs.

<sup>9</sup>Institutions that award 30 to 49 percent of their awards in career and technical programs.

<sup>10</sup>Institutions that award 50 percent or more of their awards in career and technical programs.

NOTE: Degree-granting institutions grant associate's or higher degrees and participate in Title IV federal financial aid programs. Relative levels of research activity for research universities were determined by an analysis of research and development expenditures, science and engineering research staffing, and doctoral degrees conferred, by field. Further information on the research index ranking may be obtained from <http://carnegieclassifications.iu.edu>.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), Spring 2017, Fall Enrollment component. (This table was prepared November 2017.)

**Table 317.50. Degree-granting postsecondary institutions that have closed their doors, by control and level of institution: 1969–70 through 2016–17**

Year	All institutions			Public			Private								
	Total	4-year	2-year	Total	4-year	2-year	Total			Nonprofit			For-profit		
							Total	4-year	2-year	Total	4-year	2-year	Total	4-year	2-year
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
1969–70.....	24	10	14	5	1	4	19	9	10	—	—	—	—	—	—
1970–71.....	35	10	25	11	0	11	24	10	14	—	—	—	—	—	—
1971–72.....	14	5	9	3	0	3	11	5	6	—	—	—	—	—	—
1972–73.....	21	12	9	4	0	4	17	12	5	—	—	—	—	—	—
1973–74.....	20	12	8	1	0	1	19	12	7	—	—	—	—	—	—
1974–75.....	18	13	5	4	0	4	14	13	1	—	—	—	—	—	—
1975–76.....	9	7	2	2	1	1	7	6	1	—	—	—	—	—	—
1976–77.....	9	6	3	0	0	0	9	6	3	—	—	—	—	—	—
1977–78.....	12	9	3	0	0	0	12	9	3	—	—	—	—	—	—
1978–79.....	9	4	5	0	0	0	9	4	5	—	—	—	—	—	—
1979–80.....	6	5	1	0	0	0	6	5	1	—	—	—	—	—	—
1980–81.....	4	3	1	0	0	0	4	3	1	—	—	—	—	—	—
1981–82.....	7	6	1	0	0	0	7	6	1	—	—	—	—	—	—
1982–83.....	7	4	3	0	0	0	7	4	3	—	—	—	—	—	—
1983–84.....	5	5	0	1	1	0	4	4	0	—	—	—	—	—	—
1984–85.....	4	4	0	0	0	0	4	4	0	—	—	—	—	—	—
1985–86.....	12	8	4	1	1	0	11	7	4	—	—	—	—	—	—
1986–87 and 1987–88.....	26	19	7	1	0	1	25	19	6	—	—	—	—	—	—
1988–89.....	14	6	8	0	0	0	14	6	8	—	—	—	—	—	—
1989–90.....	19	8	11	0	0	0	19	8	11	—	—	—	—	—	—
1990–91.....	18	6	12	0	0	0	18	6	12	7	5	2	11	1	10
1991–92.....	26	8	18	1	0	1	25	8	17	8	7	1	17	1	16
1992–93.....	23	6	17	0	0	0	23	6	17	6	5	1	17	1	16
1993–94.....	38	11	27	1	0	1	37	11	26	13	10	3	24	1	23
1994–95.....	15	8	7	2	0	2	13	8	5	8	7	1	5	1	4
1995–96.....	21	8	13	1	1	0	20	7	13	9	7	2	11	0	11
1996–97.....	36	13	23	2	0	2	34	13	21	14	10	4	20	3	17
1997–98.....	5	0	5	0	0	0	5	0	5	1	0	1	4	0	4
1998–99.....	7	1	6	1	0	1	6	1	5	2	0	2	4	1	3
1999–2000.....	16	3	13	3	0	3	13	3	10	8	3	5	5	0	5
2000–01.....	14	9	5	0	0	0	14	9	5	8	8	0	6	1	5
2001–02.....	14	2	12	0	0	0	14	2	12	1	1	0	13	1	12
2002–03.....	13	7	6	0	0	0	13	7	6	6	6	0	7	1	6
2003–04.....	12	5	7	0	0	0	12	5	7	8	5	3	4	0	4
2004–05.....	3	1	2	0	0	0	3	1	2	1	1	0	2	0	2
2005–06.....	11	6	5	1	1	0	10	5	5	5	4	1	5	1	4
2006–07.....	13	4	9	0	0	0	13	4	9	6	4	2	7	0	7
2007–08.....	26	10	16	0	0	0	26	10	16	9	6	3	17	4	13
2008–09.....	16	6	10	0	0	0	16	6	10	6	5	1	10	1	9
2009–10.....	17	11	6	0	0	0	17	11	6	9	9	0	8	2	6
2010–11.....	20	9	11	0	0	0	20	9	11	7	6	1	13	3	10
2011–12.....	10	5	5	4	0	4	6	5	1	2	2	0	4	3	1
2012–13.....	21	3	18	1	1	0	20	2	18	4	2	2	16	0	16
2013–14.....	20	8	12	1	1	0	19	7	12	4	3	1	15	4	11
2014–15.....	54	7	47	0	0	0	54	7	47	5	3	2	49	4	45
2015–16.....	66	24	42	0	0	0	66	24	42	8	5	3	58	19	39
2016–17.....	112	65	47	0	0	0	112	65	47	20	12	8	92	53	39

—Not available.

NOTE: This table indicates the year by which the institution no longer operated (generally it closed at the end of or during the prior year). Data through 1995–96 are for institutions of higher education, while later data are for degree-granting institutions. Degree-granting institutions grant associate's or higher degrees and participate in Title IV federal financial aid programs. The degree-granting classification is very similar to the earlier higher education classification, but it includes more 2-year colleges and excludes a few higher education institutions that did not grant degrees.

SOURCE: U.S. Department of Education, National Center for Education Statistics, *Education Directory, Higher Education*, 1969–70 through 1974–75; *Education Directory, Colleges and Universities*, 1975–76 through 1985–86; *1982–83 Supplement to the Education Directory, Colleges and Universities*; Integrated Postsecondary Education Data System (IPEDS), "Institutional Characteristics Survey" (IPEDS-IC:86–99); and IPEDS Fall 2000 through Fall 2016, Institutional Characteristics component. (This table was prepared August 2018.)

Table 318.10. Degrees conferred by postsecondary institutions, by level of degree and sex of student: Selected years, 1869–70 through 2027–28

Year	Associate's degrees				Bachelor's degrees				Master's degrees				Doctor's degrees <sup>1</sup>			
	Total	Males	Females	Percent female	Total	Males	Females	Percent female	Total	Males	Females	Percent female	Total	Males	Females	Percent female
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
1869–70.....	—	—	—	—	9,371 <sup>2</sup>	7,993 <sup>2</sup>	1,378 <sup>2</sup>	14.7	0	0	0	—	1	1	0	0.0
1879–80.....	—	—	—	—	12,896 <sup>2</sup>	10,411 <sup>2</sup>	2,485 <sup>2</sup>	19.3	879	868	11	1.3	54	51	3	5.6
1889–90.....	—	—	—	—	15,539 <sup>2</sup>	12,857 <sup>2</sup>	2,682 <sup>2</sup>	17.3	1,015	821	194	19.1	149	147	2	1.3
1899–1900.....	—	—	—	—	27,410 <sup>2</sup>	22,173 <sup>2</sup>	5,237 <sup>2</sup>	19.1	1,583	1,280	303	19.1	382	359	23	6.0
1909–10.....	—	—	—	—	37,199 <sup>2</sup>	28,762 <sup>2</sup>	8,437 <sup>2</sup>	22.7	2,113	1,555	558	26.4	443	399	44	9.9
1919–20.....	—	—	—	—	48,622 <sup>2</sup>	31,980 <sup>2</sup>	16,642 <sup>2</sup>	34.2	4,279	2,985	1,294	30.2	615	522	93	15.1
1929–30.....	—	—	—	—	122,484 <sup>2</sup>	73,615 <sup>2</sup>	48,869 <sup>2</sup>	39.9	14,969	8,925	6,044	40.4	2,299	1,946	353	15.4
1939–40.....	—	—	—	—	186,500 <sup>2</sup>	109,546 <sup>2</sup>	76,954 <sup>2</sup>	41.3	26,731	16,508	10,223	38.2	3,290	2,861	429	13.0
1949–50.....	—	—	—	—	432,058 <sup>2</sup>	328,841 <sup>2</sup>	103,217 <sup>2</sup>	23.9	58,183	41,220	16,963	29.2	6,420	5,804	616	9.6
1959–60.....	—	—	—	—	392,440 <sup>2</sup>	254,063 <sup>2</sup>	138,377 <sup>2</sup>	35.3	74,435	50,898	23,537	31.6	9,829	8,801	1,028	10.5
1969–70.....	206,023	117,432	88,591	43.0	792,316	451,097	341,219	43.1	213,589	130,799	82,790	38.8	59,486	53,792	5,694	9.6
1979–80.....	400,910	183,737	217,173	54.2	929,417	473,611	455,806	49.0	305,196	156,882	148,314	48.6	95,631	69,526	26,105	27.3
1980–81.....	416,377	188,638	227,739	54.7	935,140	469,883	465,257	49.8	302,637	152,979	149,658	49.5	98,016	69,567	28,449	29.0
1981–82.....	434,526	196,944	237,582	54.7	952,998	473,364	479,634	50.3	302,447	151,349	151,098	50.0	97,838	68,630	29,208	29.9
1982–83.....	449,620	203,991	245,629	54.6	969,510	479,140	490,370	50.6	296,415	150,092	146,323	49.4	99,335	67,757	31,578	31.8
1983–84.....	452,240	202,704	249,536	55.2	974,309	482,319	491,990	50.5	291,141	149,268	141,873	48.7	100,799	67,769	33,030	32.8
1984–85.....	454,712	202,932	251,780	55.4	979,477	482,528	496,949	50.7	293,472	149,276	144,196	49.1	100,785	66,269	34,516	34.2
1985–86.....	446,047	196,166	249,881	56.0	987,823	485,923	501,900	50.8	295,850	149,373	146,477	49.5	100,280	65,215	35,065	35.0
1986–87.....	436,304	190,839	245,465	56.3	991,264	480,782	510,482	51.5	296,530	147,063	149,467	50.4	98,477	62,790	35,687	36.2
1987–88.....	435,085	190,047	245,038	56.3	994,829	477,203	517,626	52.0	305,783	150,243	155,540	50.9	99,139	63,019	36,120	36.4
1988–89.....	436,764	186,316	250,448	57.3	1,018,755	483,346	535,409	52.6	316,626	153,993	162,633	51.4	100,571	63,055	37,516	37.3
1989–90.....	455,102	191,195	263,907	58.0	1,051,344	491,696	559,648	53.2	330,152	158,052	172,100	52.1	103,508	63,963	39,545	38.2
1990–91.....	481,720	198,634	283,086	58.8	1,094,538	504,045	590,493	53.9	342,863	160,842	182,021	53.1	105,547	64,242	41,305	39.1
1991–92.....	504,231	207,481	296,750	58.9	1,136,553	520,811	615,742	54.2	358,089	165,867	192,222	53.7	109,554	66,603	42,951	39.2
1992–93.....	514,756	211,964	302,792	58.8	1,165,178	532,881	632,297	54.3	375,032	173,354	201,678	53.8	112,072	67,130	44,942	40.1
1993–94.....	530,632	215,261	315,371	59.4	1,169,275	532,422	636,853	54.5	393,037	180,571	212,466	54.1	112,636	66,773	45,863	40.7
1994–95.....	539,691	218,352	321,339	59.5	1,160,134	526,131	634,003	54.6	403,609	183,043	220,566	54.6	114,266	67,324	46,942	41.1
1995–96.....	555,216	219,514	335,702	60.5	1,164,792	522,454	642,338	55.1	412,180	183,481	228,699	55.5	115,507	67,189	48,318	41.8
1996–97.....	571,226	223,948	347,278	60.8	1,172,879	520,515	652,364	56.6	425,260	185,270	239,990	56.4	118,747	68,387	50,360	42.4
1997–98.....	558,555	217,613	340,942	61.0	1,184,406	519,956	664,450	56.1	436,037	188,718	247,319	56.7	118,735	67,232	51,503	43.4
1998–99.....	564,984	220,508	344,476	61.0	1,202,239	519,961	682,278	56.8	446,038	190,230	255,808	57.4	116,700	65,340	51,360	44.0
1999–2000.....	564,933	224,721	340,212	60.2	1,237,875	530,367	707,508	57.2	463,185	196,129	267,056	57.7	118,736	64,930	53,806	45.3
2000–01.....	578,865	231,645	347,220	60.0	1,244,171	531,840	712,331	57.3	473,502	197,770	275,732	58.2	119,585	64,171	55,414	46.3
2001–02.....	595,133	238,109	357,024	60.0	1,291,900	549,816	742,084	57.4	487,313	202,604	284,709	58.4	119,663	62,731	56,932	47.6
2002–03.....	634,016	253,451	380,565	60.0	1,348,811	573,258	775,553	57.5	518,699	215,172	303,527	58.5	121,579	62,730	58,849	48.4
2003–04.....	665,301	260,033	405,268	60.9	1,399,542	595,425	804,117	57.5	564,272	233,056	331,216	58.7	126,087	63,981	62,106	49.3
2004–05.....	696,660	267,536	429,124	61.6	1,439,264	613,000	826,264	57.4	580,151	237,155	342,996	59.1	134,387	67,257	67,130	50.0
2005–06.....	713,066	270,095	442,971	62.1	1,485,242	630,600	854,642	57.5	599,731	241,656	358,075	59.7	138,056	68,912	69,144	50.1
2006–07.....	728,114	275,187	452,927	62.2	1,524,092	649,570	874,522	57.4	610,597	242,189	368,408	60.3	144,690	71,308	73,382	50.7
2007–08.....	750,164	282,521	467,643	62.3	1,563,069	667,928	895,141	57.3	630,666	250,169	380,497	60.3	149,378	73,453	75,925	50.8
2008–09.....	787,243	298,066	489,177	62.1	1,601,399	685,422	915,977	57.2	662,082	263,515	398,567	60.2	154,564	75,674	78,890	51.0
2009–10.....	848,856	322,747	526,109	62.0	1,649,919	706,660	943,259	57.2	693,313	275,317	417,996	60.3	158,590	76,610	81,980	51.7
2010–11.....	943,506	361,408	582,098	61.7	1,716,053	734,159	981,894	57.2	730,922	291,680	439,242	60.1	163,827	79,672	84,155	51.4
2011–12.....	1,021,718	393,479	628,239	61.5	1,792,163	765,772	1,026,391	57.3	755,967	302,484	453,483	60.0	170,217	82,670	87,547	51.4
2012–13.....	1,007,427	389,195	618,232	61.4	1,840,381	787,408	1,052,973	57.2	751,718	301,552	450,166	59.9	175,026	85,080	89,946	51.4
2013–14.....	1,005,155	391,474	613,681	61.1	1,870,150	801,905	1,068,245	57.1	754,582	302,846	451,736	59.9	177,587	85,585	92,002	51.8
2014–15.....	1,014,341	396,782	617,559	60.9	1,894,969	812,693	1,082,276	57.1	758,804	306,615	452,189	59.6	178,548	84,922	93,626	52.4
2015–16.....	1,008,314	392,152	616,162	61.1	1,920,718	821,779	1,098,939	57.2	785,595	320,444	465,151	59.2	177,867	84,089	93,778	52.7
2016–17 <sup>3</sup> .....	945,000	367,000	578,000	61.2	1,963,000	838,000	1,125,000	57.3	793,000	320,000	473,000	59.6	180,000	85,000	95,000	52.7
2017–18 <sup>3</sup> .....	1,029,000	398,000	631,000	61.3	1,875,000	798,000	1,077,000	57.4	775,000	322,000	453,000	58.5	181,000	85,000	96,000	52.7
2018–19 <sup>3</sup> .....	1,034,000	400,000	634,000	61.3	1,882,000	800,000	1,081,000	57.5	780,000	325,000	455,000	58.4	182,000	86,000	96,000	52.7
2019–20 <sup>3</sup> .....	1,040,000	402,000	638,000	61.3	1,889,000	803,000	1,086,000	57.5	786,000	327,000	459,000	58.4	183,000	87,000	97,000	52.7
2020–21 <sup>3</sup> .....	1,041,000	402,000	639,000	61.4	1,891,000	804,000	1,087,000	57.5	789,000	329,000	460,000	58.3	184,000	87,000	97,000	52.7
2021–22 <sup>3</sup> .....	1,043,000	403,000	640,000	61.4	1,893,000	804,000	1,089,000	57.5	794,000	331,000	463,000	58.3	186,000	88,000	98,000	52.7
2022–23 <sup>3</sup> .....	1,045,000	404,000	642,000	61.4	1,895,000	805,000	1,090,000	57.5	798,000	333,000	465,000	58.3	187,000	88,000	98,000	52.7
2023–24 <sup>3</sup> .....	1,049,000	405,000	644,000	61.4	1,898,000	806,000	1,092,000	57.5	802,000	335,000	467,000	58.3	188,000	89,000	99,000	52.7
2024–25 <sup>3</sup> .....	1,053,000	406,000	647,000	61.4	1,905,000	808,000	1,096,000	57.6	805,000	336,000	469,000	58.2	188,000	89,000	99,000	52.7
2025–26 <sup>3</sup> .....	1,057,000	408,000	649,000	61.4	1,912,000	811,000	1,101,000	57.6	807,000	337,000	470,000	58.2	189,000	89,000	100,000	52.7
2026–27 <sup>3</sup> .....	1,062,000	410,000	652,000	61.4	1,919,000	814,000	1,105,000	57.6	810,000	339,000	472,000	58.2	190,000	90,000	100,000	52.7
2027–28 <sup>3</sup> .....	1,063,000	411,000	653,000	61.4	1,922,000	816,000	1,106,000	57.6	814,000	340,000	473,000	58.2	191,000	90,000	101,000	52.7

—Not available.

<sup>1</sup>Includes Ph.D., Ed.D., and comparable degrees at the doctoral level. Includes most degrees formerly classified as first-professional, such as M.D., D.D.S., and law degrees.

**Table 318.20. Bachelor's, master's, and doctor's degrees conferred by postsecondary institutions, by field of study: Selected years, 1970–71 through 2015–16**

Degree and year	Number of degrees conferred								Percentage distribution of degrees conferred							
	Total degrees	Humanities <sup>1</sup>	Social and behavioral sciences <sup>2</sup>	Natural sciences and mathematics <sup>3</sup>	Computer sciences and engineering <sup>4</sup>	Education	Business	Other fields <sup>5</sup>	Total degrees	Humanities <sup>1</sup>	Social and behavioral sciences <sup>2</sup>	Natural sciences and mathematics <sup>3</sup>	Computer sciences and engineering <sup>4</sup>	Education	Business	Other fields <sup>5</sup>
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
<b>Bachelor's degrees</b>																
1970–71	839,730	143,549	193,511	81,916	52,570	176,307	115,396	76,481	100.0	17.1	23.0	9.8	6.3	21.0	13.7	9.1
1975–76	925,746	150,736	176,674	91,596	52,328	154,437	143,171	156,804	100.0	16.3	19.1	9.9	5.7	16.7	15.5	16.9
1980–81	935,140	134,139	141,581	78,092	90,476	108,074	200,521	182,257	100.0	14.3	15.1	8.4	9.7	11.6	21.4	19.5
1985–86	987,823	132,891	134,468	76,228	139,459	87,147	236,700	180,930	100.0	13.5	13.6	7.7	14.1	8.8	24.0	18.3
1990–91	1,094,538	172,485	183,762	70,209	104,910	110,807	249,165	203,200	100.0	15.8	16.8	6.4	9.6	10.1	22.8	18.6
1995–96	1,164,792	193,404	199,895	93,443	102,503	105,384	226,623	243,540	100.0	16.6	17.2	8.0	8.8	9.0	19.5	20.9
2000–01	1,244,171	214,107	201,681	89,772	117,011	105,458	263,515	252,627	100.0	17.2	16.2	7.2	9.4	8.5	21.2	20.3
2005–06	1,485,242	261,696	249,619	105,899	128,886	107,238	318,042	313,862	100.0	17.6	16.8	7.1	8.7	7.2	21.4	21.1
2010–11	1,716,053	288,446	278,075	131,871	136,163	104,008	365,133	412,357	100.0	16.8	16.2	7.7	7.9	6.1	21.3	24.0
2012–13	1,840,381	297,322	292,213	148,899	153,958	104,698	360,887	482,404	100.0	16.2	15.9	8.1	8.4	5.7	19.6	26.2
2013–14	1,870,150	291,799	290,444	154,951	164,247	98,838	358,132	511,739	100.0	15.6	15.5	8.3	8.8	5.3	19.1	27.4
2014–15	1,894,969	280,956	284,544	161,800	174,691	91,596	363,741	537,641	100.0	14.8	15.0	8.5	9.2	4.8	19.2	28.4
2015–16	1,920,718	274,457	278,670	167,003	186,414	87,217	371,694	553,263	100.0	14.3	14.5	8.7	9.8	4.5	19.4	28.8
<b>Master's degrees</b>																
1970–71	235,564	34,510	22,256	17,152	18,535	87,666	26,490	28,955	100.0	14.6	9.4	7.3	7.9	37.2	11.2	12.3
1975–76	317,477	37,079	26,120	15,742	19,403	126,061	42,592	50,480	100.0	11.7	8.2	5.0	6.1	39.7	13.4	15.9
1980–81	302,637	35,130	22,168	13,579	21,434	96,713	57,888	55,725	100.0	11.6	7.3	4.5	7.1	32.0	19.1	18.4
1985–86	295,580	34,834	20,409	14,055	30,216	74,816	66,676	54,844	100.0	11.8	6.9	4.8	10.2	25.3	22.5	18.5
1990–91	342,863	35,984	23,584	13,664	34,774	87,352	78,255	69,252	100.0	10.5	6.9	4.0	10.1	25.5	22.8	20.2
1995–96	412,180	40,795	30,164	16,154	39,422	104,936	93,554	87,155	100.0	9.9	7.3	3.9	9.6	25.5	22.7	21.1
2000–01	473,502	40,625	30,330	15,360	44,098	127,829	115,602	99,658	100.0	8.6	6.4	3.2	9.3	27.0	24.4	21.0
2005–06	599,731	49,584	37,139	19,574	50,444	174,620	146,406	121,964	100.0	8.3	6.2	3.3	8.4	29.1	24.4	20.3
2010–11	730,922	57,160	46,147	23,576	62,695	185,127	187,178	169,039	100.0	7.8	6.3	3.2	8.6	25.3	25.6	23.1
2012–13	751,718	60,655	49,378	27,271	68,110	164,652	188,617	193,035	100.0	8.1	6.6	3.6	9.1	21.9	25.1	25.7
2013–14	754,582	59,834	49,423	28,221	71,857	154,655	189,364	201,228	100.0	7.9	6.5	3.7	9.5	20.5	25.1	26.7
2014–15	758,804	59,181	47,305	29,344	82,916	146,581	185,236	208,241	100.0	7.8	6.2	3.9	10.9	19.3	24.4	27.4
2015–16	785,595	59,074	47,473	31,282	97,813	145,781	186,834	217,338	100.0	7.5	6.0	4.0	12.5	18.6	23.8	27.7
<b>Doctor's degrees<sup>6</sup></b>																
1970–71	64,998	4,402	5,804	9,126	3,816	6,041	774	35,035	100.0	6.8	8.9	14.0	5.9	9.3	1.2	53.9
1975–76	91,007	5,461	7,314	7,591	3,118	7,202	906	59,415	100.0	6.0	8.0	8.3	3.4	7.9	1.0	65.3
1980–81	98,016	4,827	6,698	7,473	2,860	7,279	808	68,071	100.0	4.9	6.8	7.6	2.9	7.4	0.8	69.4
1985–86	100,280	4,648	6,548	7,668	3,800	6,610	923	70,083	100.0	4.6	6.5	7.6	3.8	6.6	0.9	69.9
1990–91	105,547	4,858	6,944	9,378	6,006	6,189	1,185	70,987	100.0	4.6	6.6	8.9	5.7	5.9	1.1	67.3
1995–96	115,507	6,356	7,901	10,997	7,223	6,246	1,366	75,418	100.0	5.5	6.8	9.5	6.3	5.4	1.2	65.3
2000–01	119,585	6,466	9,021	10,190	6,315	6,284	1,180	80,129	100.0	5.4	7.5	8.5	5.3	5.3	1.0	67.0
2005–06	138,056	6,628	8,835	12,097	8,734	7,584	1,711	92,467	100.0	4.8	6.4	8.8	6.3	5.5	1.2	67.0
2010–11	163,827	8,359	10,241	14,574	10,013	9,642	2,286	108,712	100.0	5.1	6.3	8.9	6.1	5.9	1.4	66.4
2012–13	175,026	8,582	10,936	15,276	11,301	10,572	2,828	115,531	100.0	4.9	6.2	8.7	6.5	6.0	1.6	66.0
2013–14	177,587	8,397	11,358	15,971	12,099	10,929	3,039	115,794	100.0	4.7	6.4	9.0	6.8	6.2	1.7	65.2
2014–15	178,548	8,391	11,411	15,677	12,360	11,772	3,116	115,82	100.0	4.7	6.4	8.8	6.9	6.6	1.7	64.9
2015–16	177,867	8,289	11,199	15,780	12,321	11,829	3,323	115,126	100.0	4.7	6.3	8.9	6.9	6.7	1.9	64.7

<sup>1</sup>Includes degrees in Area, ethnic, cultural, gender, and group studies; English language and literature/letters; Foreign languages, literatures, and linguistics; Liberal arts and sciences, general studies, and humanities; Multi/interdisciplinary studies; Philosophy and religious studies; Theology and religious vocations; and Visual and performing arts.

<sup>2</sup>Includes Psychology; Social sciences; and History.

<sup>3</sup>Includes Biological and biomedical sciences; Mathematics and statistics; and Physical sciences and science technologies.

<sup>4</sup>Includes Computer and information sciences; Engineering; and Engineering technologies.

<sup>5</sup>Includes Agriculture and natural resources; Architecture and related services; Communication, journalism, and related programs; Communications technologies; Family and consumer sciences/human sciences; Health professions and related programs; Homeland security, law enforcement, and firefighting; Legal professions and studies; Library science; Military technologies and applied sciences; Parks, recreation, leisure, and fitness studies; Precision production; Public administration and social services; Transportation and materials moving; and Not classified by field of study.

<sup>6</sup>Includes Ph.D., Ed.D., and comparable degrees at the doctoral level. Includes most degrees formerly classified as first-professional, such as M.D., D.D.S., and law degrees.

NOTE: Data are for postsecondary institutions participating in Title IV federal financial aid programs. The new Classification of Instructional Programs was initiated in 2009–10. The figures for earlier years have been reclassified when necessary to make them conform to the new taxonomy. To facilitate trend comparisons, certain aggregations have been made of the degree fields as reported in the Integrated Postsecondary Education Data System (IPEDS): "Agriculture and natural resources" includes Agriculture, agriculture operations, and related sciences and Natural resources and conservation; "Business" includes Business, management, marketing, and related support services and Personal and culinary services; and "Engineering technologies" includes Engineering technologies and engineering-related fields, Construction trades, and Mechanic and repair technologies/technicians. Detail may not sum to totals because of rounding. Some data have been revised from previously published figures. SOURCE: U.S. Department of Education, National Center for Education Statistics, Higher Education General Information Survey (HEGIS), "Degrees and Other Formal Awards Conferred" surveys, 1970–71 through 1985–86; Integrated Postsecondary Education Data System (IPEDS), "Completions Survey" (IPEDS-C:91–96); and IPEDS Fall 2001 through Fall 2016, Completions component. (This table was prepared May 2018.)

**Table 318.30. Bachelor's, master's, and doctor's degrees conferred by postsecondary institutions, by sex of student and discipline division: 2015–16**

Discipline division	Bachelor's degrees			Master's degrees			Doctor's degrees <sup>1</sup>		
	Total	Males	Females	Total	Males	Females	Total	Males	Females
1	2	3	4	5	6	7	8	9	10
<b>All fields, total</b> .....	<b>1,920,718</b>	<b>821,779</b>	<b>1,098,939</b>	<b>785,595</b>	<b>320,444</b>	<b>465,151</b>	<b>177,867</b>	<b>84,089</b>	<b>93,778</b>
Agriculture and natural resources.....	37,005	17,622	19,383	6,681	2,955	3,726	1,508	816	692
Agriculture, agriculture operations, and related sciences.....	19,459	8,856	10,603	2,833	1,219	1,614	846	458	388
Agriculture, general.....	2,150	1,141	1,009	306	128	178	25	17	8
Agricultural business and management, general.....	950	627	323	79	42	37	0	0	0
Agribusiness/agricultural business operations.....	1,978	1,227	751	42	22	20	0	0	0
Agricultural economics.....	1,530	1,064	466	443	251	192	142	85	57
Farm/farm and ranch management.....	167	127	40	7	4	3	0	0	0
Agricultural/farm supplies retailing and wholesaling.....	46	17	29	0	0	0	0	0	0
Agricultural business technology.....	29	18	11	0	0	0	0	0	0
Agricultural business and management, other.....	88	56	32	4	2	2	0	0	0
Agricultural mechanization, general.....	360	341	19	3	3	0	0	0	0
Agricultural mechanics and equipment/machine technology.....	0	0	0	0	0	0	0	0	0
Agricultural production operations, general.....	78	55	23	11	5	6	0	0	0
Animal/livestock husbandry and production.....	154	48	106	1	0	1	0	0	0
Aquaculture.....	55	32	23	40	24	16	16	7	9
Crop production.....	62	48	14	6	4	2	2	2	0
Dairy husbandry and production.....	6	3	3	0	0	0	0	0	0
Horse husbandry/equine science and management.....	130	10	120	7	0	7	0	0	0
Agroecology and sustainable agriculture.....	181	102	79	85	39	46	22	14	8
Viticulture and enology.....	88	43	45	0	0	0	0	0	0
Agricultural and food products processing.....	98	43	55	0	0	0	0	0	0
Animal training.....	9	1	8	0	0	0	0	0	0
Equestrian/equine studies.....	323	11	312	0	0	0	0	0	0
Agricultural and domestic animal services, other.....	0	0	0	0	0	0	0	0	0
Applied horticulture/horticultural operations, general.....	104	50	54	14	4	10	2	1	1
Ornamental horticulture.....	21	11	10	10	7	3	2	2	0
Landscaping and groundskeeping.....	118	79	39	6	2	4	0	0	0
Plant nursery operations and management.....	6	3	3	0	0	0	0	0	0
Turf and turfgrass management.....	119	114	5	7	7	0	0	0	0
Floriculture/floristry operations and management.....	0	0	0	0	0	0	0	0	0
Applied horticulture/horticultural business services, other.....	41	31	10	0	0	0	0	0	0
International agriculture.....	63	20	43	47	18	29	0	0	0
Agricultural and extension education services.....	58	23	35	78	23	55	7	1	6
Agricultural communication/journalism.....	387	84	303	18	1	17	0	0	0
Agricultural public services, other.....	77	38	39	6	1	5	0	0	0
Animal sciences, general.....	5,598	1,140	4,458	388	127	261	128	64	64
Agricultural animal breeding.....	0	0	0	7	4	3	5	2	3
Animal health.....	1	0	1	2	2	0	0	0	0
Animal nutrition.....	0	0	0	0	0	0	3	2	1
Dairy science.....	133	39	94	29	9	20	10	7	3
Livestock management.....	12	5	7	2	0	2	0	0	0
Poultry science.....	118	47	71	19	12	7	10	6	4
Animal sciences, other.....	58	7	51	5	1	4	0	0	0
Food science.....	1,503	465	1,038	416	116	300	157	67	90
Food technology and processing.....	13	2	11	14	3	11	7	5	2
Food science and technology, other.....	48	28	20	27	13	14	2	1	1
Plant sciences, general.....	457	292	165	94	48	46	39	21	18
Agronomy and crop science.....	665	496	169	200	108	92	97	62	35
Horticultural science.....	563	307	256	97	42	55	41	19	22
Agricultural and horticultural plant breeding.....	4	3	1	29	16	13	18	12	6
Plant protection and integrated pest management.....	46	31	15	20	10	10	5	2	3
Range science and management.....	118	74	44	28	10	18	13	6	7
Plant sciences, other.....	28	20	8	60	31	29	26	19	7
Soil science and agronomy, general.....	229	153	76	119	54	65	51	25	26
Soil chemistry and physics.....	30	24	6	4	1	3	0	0	0
Soil sciences, other.....	33	17	16	12	6	6	9	6	3
Agriculture, agriculture operations, and related sciences, other.....	326	239	87	41	19	22	7	3	4
Natural resources and conservation.....	17,546	8,766	8,780	3,848	1,736	2,112	662	358	304
Natural resources/conservation, general.....	1,271	668	603	422	200	222	102	56	46
Environmental studies.....	6,033	2,598	3,435	1,039	420	619	94	43	51
Environmental science.....	5,928	2,895	3,033	1,001	408	593	201	96	105
Natural resources conservation and research, other.....	58	32	26	53	27	26	20	13	7
Natural resources management and policy.....	653	363	290	515	237	278	31	18	13
Natural resource economics.....	75	43	32	14	8	6	8	5	3
Water, wetlands, and marine resources management.....	89	47	42	148	62	86	1	1	0
Land use planning and management/development.....	49	36	13	46	25	21	1	1	0
Natural resource recreation and tourism.....	47	31	16	38	18	20	1	1	0
Natural resources law enforcement and protective services.....	40	34	6	0	0	0	0	0	0
Natural resources management and policy, other.....	273	156	117	25	11	14	0	0	0
Fishing and fisheries sciences and management.....	352	217	135	38	18	20	23	10	13
Forestry, general.....	532	416	116	121	74	47	42	26	16
Forest sciences and biology.....	196	168	28	137	80	57	64	37	27
Forest management/forest resources management.....	155	133	22	43	27	16	9	6	3
Urban forestry.....	16	10	6	5	2	3	3	3	0
Wood science and wood products/pulp and paper technology.....	69	48	21	11	6	5	10	9	1
Forest resources production and management.....	9	9	0	23	18	5	11	7	4
Forest technology/technician.....	1	1	0	0	0	0	0	0	0
Forestry, other.....	57	42	15	12	5	7	4	3	1

See notes at end of table.

**Table 318.30. Bachelor's, master's, and doctor's degrees conferred by postsecondary institutions, by sex of student and discipline division: 2015–16—Continued**

Discipline division	Bachelor's degrees			Master's degrees			Doctor's degrees <sup>1</sup>		
	Total	Males	Females	Total	Males	Females	Total	Males	Females
1	2	3	4	5	6	7	8	9	10
Wildlife, fish, and wildlands science and management.....	1,460	735	725	134	80	54	34	21	13
Natural resources and conservation, other.....	183	84	99	23	10	13	3	2	1
Architecture and related services.....	8,823	4,854	3,969	7,986	4,163	3,823	236	122	114
Architecture.....	5,619	3,169	2,450	4,029	2,300	1,729	105	57	48
City/urban, community and regional planning.....	776	458	318	2,140	1,042	1,098	97	45	52
Environmental design/architecture.....	576	351	225	87	29	58	20	9	11
Interior architecture.....	456	53	403	209	36	173	0	0	0
Landscape architecture.....	765	441	324	722	281	441	1	0	1
Architectural history and criticism, general.....	60	25	35	31	10	21	2	1	1
Architectural technology/technician.....	169	111	58	0	0	0	0	0	0
Architectural and building sciences/technology.....	249	163	86	421	229	192	11	10	1
Real estate development.....	1	1	0	259	186	73	0	0	0
Architecture and related services, other.....	152	82	70	88	50	38	0	0	0
Area, ethnic, cultural, gender, and group studies.....	7,840	2,227	5,613	1,766	635	1,131	316	126	190
African studies.....	77	18	59	37	15	22	6	2	4
American/United States studies/civilization.....	1,093	389	704	221	89	132	109	40	69
Asian studies/civilization.....	740	301	439	114	54	60	1	0	1
East Asian studies.....	340	131	209	214	90	124	20	10	10
Russian, Central European, East European and Eurasian studies.....	30	16	14	43	23	20	0	0	0
European studies/civilization.....	94	25	69	26	12	14	0	0	0
Latin American studies.....	367	133	234	192	64	128	1	0	1
Near and Middle Eastern studies.....	183	79	104	162	81	81	26	14	12
Pacific Area/Pacific Rim studies.....	20	7	13	5	3	2	0	0	0
Russian studies.....	80	38	42	34	11	23	0	0	0
Scandinavian studies.....	18	7	11	3	2	1	4	3	1
South Asian studies.....	14	4	10	13	5	8	2	2	0
Southeast Asian studies.....	0	0	0	11	4	7	0	0	0
Western European studies.....	2	1	1	32	19	13	0	0	0
Canadian studies.....	1	1	0	1	1	0	0	0	0
Slavic studies.....	1	1	0	0	0	0	3	2	1
Ural-Altai and Central Asian studies.....	1	1	0	9	5	4	5	4	1
Regional studies (U.S., Canadian, foreign).....	22	5	17	19	7	12	2	1	1
Chinese studies.....	46	15	31	10	3	7	0	0	0
French studies.....	52	7	45	22	5	17	5	1	4
German studies.....	51	14	37	8	2	6	6	3	3
Italian studies.....	26	5	21	17	6	11	5	1	4
Japanese studies.....	39	16	23	1	1	0	0	0	0
Korean studies.....	0	0	0	2	0	2	0	0	0
Spanish and Iberian studies.....	12	3	9	0	0	0	0	0	0
Irish studies.....	0	0	0	7	2	5	0	0	0
Latin American and Caribbean studies.....	48	10	38	16	7	9	0	0	0
Area studies, other.....	690	216	474	42	17	25	8	2	6
Ethnic studies.....	137	41	96	12	5	7	3	1	2
African-American/Black studies.....	653	214	439	70	23	47	24	12	12
American Indian/Native American studies.....	244	98	146	45	9	36	7	3	4
Hispanic-American, Puerto Rican, and Mexican-American/Chicano studies.....	430	124	306	34	8	26	15	8	7
Asian-American studies.....	97	39	58	15	7	8	0	0	0
Women's studies.....	1,410	95	1,315	170	20	150	21	1	20
Gay/lesbian studies.....	15	1	14	0	0	0	0	0	0
Folklore studies.....	13	4	9	27	6	21	6	2	4
Disability studies.....	19	6	13	44	10	34	8	5	3
Deaf studies.....	65	7	58	2	0	2	0	0	0
Ethnic, cultural minority, gender, and group studies, other.....	710	155	555	86	19	67	29	9	20
Biological and biomedical sciences.....	113,749	45,579	68,170	15,714	6,705	9,009	7,914	3,723	4,191
Biology/biological sciences, general.....	73,041	27,889	45,152	3,445	1,402	2,043	942	420	522
Biomedical sciences, general.....	3,857	1,546	2,311	1,920	942	978	448	195	253
Biochemistry.....	8,436	4,259	4,177	313	151	162	485	239	246
Biophysics.....	136	85	51	34	21	13	94	66	28
Molecular biology.....	790	346	444	182	61	121	197	82	115
Molecular biochemistry.....	370	193	177	94	44	50	56	32	24
Molecular biophysics.....	0	0	0	1	0	1	17	11	6
Structural biology.....	0	0	0	3	2	1	6	5	1
Radiation biology/radiobiology.....	8	1	7	6	2	4	11	8	3
Biochemistry and molecular biology.....	909	453	456	63	26	37	139	71	68
Biochemistry, biophysics and molecular biology, other.....	212	105	107	4	3	1	24	14	10
Botany/plant biology.....	211	109	102	79	44	35	120	62	58
Plant pathology/phytopathology.....	19	5	14	69	28	41	67	40	27
Plant physiology.....	0	0	0	2	0	2	7	5	2
Plant molecular biology.....	0	0	0	1	1	0	11	5	6
Botany/plant biology, other.....	10	5	5	12	4	8	4	4	0
Cell/cellular biology and histology.....	437	193	244	31	12	19	132	58	74
Anatomy.....	414	157	257	183	88	95	48	26	22
Developmental biology and embryology.....	64	27	37	3	0	3	38	20	18
Cell/cellular and molecular biology.....	2,516	1,192	1,324	209	101	108	448	208	240
Cell biology and anatomy.....	5	2	3	32	17	15	58	27	31
Cell/cellular biology and anatomical sciences, other.....	129	61	68	136	67	69	132	62	70
Microbiology, general.....	1,998	939	1,059	212	87	125	194	85	109
Medical microbiology and bacteriology.....	382	165	217	138	51	87	140	67	73
Virology.....	0	0	0	1	0	1	15	7	8
Parasitology.....	0	0	0	0	0	0	0	0	0

See notes at end of table.

**Table 318.30. Bachelor's, master's, and doctor's degrees conferred by postsecondary institutions, by sex of student and discipline division: 2015–16—Continued**

Discipline division	Bachelor's degrees			Master's degrees			Doctor's degrees <sup>1</sup>		
	Total	Males	Females	Total	Males	Females	Total	Males	Females
1	2	3	4	5	6	7	8	9	10
Immunology .....	0	0	0	81	31	50	139	72	67
Microbiology and immunology .....	109	52	57	58	21	37	79	32	47
Microbiological sciences and immunology, other .....	148	64	84	34	10	24	75	31	44
Zoology/animal biology .....	1,558	505	1,053	215	60	155	102	50	52
Entomology .....	99	44	55	160	81	79	126	68	58
Animal physiology .....	103	40	63	81	38	43	30	12	18
Animal behavior and ethology .....	110	17	93	18	3	15	4	0	4
Wildlife biology .....	446	192	254	11	6	5	3	3	0
Zoology/animal biology, other .....	0	0	0	16	12	4	6	3	3
Genetics, general .....	298	101	197	41	23	18	154	74	80
Molecular genetics .....	171	62	109	14	9	5	100	44	56
Animal genetics .....	27	12	15	13	6	7	32	14	18
Plant genetics .....	7	4	3	5	3	2	17	11	6
Human/medical genetics .....	5	4	1	133	13	120	80	30	50
Genome sciences/genomics .....	6	1	5	5	2	3	29	13	16
Genetics, other .....	0	0	0	3	2	1	10	8	2
Physiology, general .....	1,614	702	912	654	349	305	140	77	63
Molecular physiology .....	0	0	0	6	1	5	33	12	21
Cell physiology .....	1	0	1	34	14	20	22	8	14
Endocrinology .....	0	0	0	2	1	1	6	2	4
Reproductive biology .....	0	0	0	3	1	2	2	1	1
Cardiovascular science .....	0	0	0	12	8	4	6	2	4
Exercise physiology .....	3,317	1,507	1,810	312	135	177	72	35	37
Vision science/physiological optics .....	69	16	53	30	11	19	18	8	10
Pathology/experimental pathology .....	14	3	11	85	30	55	172	82	90
Oncology and cancer biology .....	0	0	0	21	13	8	121	50	71
Physiology, pathology, and related sciences, other .....	1	0	1	3	0	3	10	8	2
Pharmacology .....	72	37	35	185	86	99	257	99	158
Molecular pharmacology .....	0	0	0	11	3	8	55	19	36
Neuropharmacology .....	0	0	0	22	12	10	0	0	0
Toxicology .....	82	34	48	39	13	26	75	31	44
Molecular toxicology .....	0	0	0	0	0	0	5	5	0
Environmental toxicology .....	41	13	28	60	20	40	20	5	15
Pharmacology and toxicology .....	81	40	41	124	55	69	45	23	22
Biometry/biometrics .....	30	10	20	29	13	16	18	8	10
Biostatistics .....	30	14	16	633	267	366	190	101	89
Bioinformatics .....	185	102	83	315	175	140	135	86	49
Computational biology .....	52	26	26	22	12	10	42	33	9
Biomathematics, bioinformatics, and computational biology, other .....	31	21	10	76	38	38	15	10	5
Biotechnology .....	703	358	345	1,308	573	735	6	3	3
Ecology .....	761	309	452	172	79	93	192	95	97
Marine biology and biological oceanography .....	1,326	411	915	265	91	174	70	28	42
Evolutionary biology .....	120	40	80	13	3	10	29	17	12
Aquatic biology/limnology .....	81	43	38	14	9	5	0	0	0
Environmental biology .....	251	108	143	73	32	41	18	9	9
Population biology .....	0	0	0	3	1	2	7	4	3
Conservation biology .....	171	69	102	78	25	53	8	2	6
Systematic biology/biological systematics .....	0	0	0	1	1	0	8	5	3
Epidemiology .....	27	6	21	1,371	386	985	254	62	192
Ecology and evolutionary biology .....	391	159	232	51	30	21	77	41	36
Ecology, evolution, systematics and population biology, other .....	136	66	70	17	9	8	40	16	24
Molecular medicine .....	0	0	0	40	19	21	43	21	22
Neuroscience .....	5,063	1,909	3,154	166	71	95	562	280	282
Neuroanatomy .....	0	0	0	0	0	0	0	0	0
Neurobiology and anatomy .....	797	347	450	14	5	9	87	48	39
Neurobiology and behavior .....	128	48	80	33	16	17	23	11	12
Neurobiology and neurosciences, other .....	7	3	4	1	0	1	5	2	3
Biological and biomedical sciences, other .....	1,136	348	788	1,355	624	731	207	90	117
Business, management, marketing, and personal and culinary services .....	371,694	196,312	175,382	186,834	99,491	87,343	3,323	1,931	1,392
Business, management, marketing, and related support services .....	370,308	195,732	174,576	186,798	99,487	87,311	3,323	1,931	1,392
Business/commerce, general .....	24,244	12,856	11,388	8,811	5,285	3,526	298	170	128
Business administration and management, general .....	135,052	71,878	63,174	105,601	58,864	46,737	1,832	1,120	712
Purchasing, procurement/acquisitions and contracts management .....	627	386	241	436	258	178	8	6	2
Logistics, materials, and supply chain management .....	4,487	3,058	1,429	802	544	258	2	1	1
Office management and supervision .....	315	133	182	50	26	24	0	0	0
Operations management and supervision .....	3,113	2,065	1,048	755	466	289	20	14	6
Nonprofit/public/organizational management .....	429	170	259	1,740	516	1,224	23	6	17
Customer service management .....	67	25	42	5	2	3	0	0	0
E-commerce/electronic commerce .....	151	78	73	127	61	66	0	0	0
Transportation/mobility management .....	216	156	60	120	96	24	4	4	0
Research and development management .....	9	7	2	151	58	93	0	0	0
Project management .....	473	320	153	1,324	770	554	8	5	3
Retail management .....	251	41	210	62	7	55	0	0	0
Organizational leadership .....	3,065	1,441	1,624	4,118	1,870	2,248	315	148	167
Business administration, management and operations, other .....	9,800	4,762	5,038	5,502	2,806	2,696	36	28	8
Accounting .....	51,108	25,189	25,919	19,643	8,983	10,660	52	25	27
Accounting technology/technician and bookkeeping .....	175	102	73	0	0	0	0	0	0
Auditing .....	20	5	15	87	41	46	0	0	0
Accounting and finance .....	645	363	282	930	338	592	0	0	0
Accounting and business/management .....	1,486	469	1,017	354	187	167	0	0	0

See notes at end of table.

**Table 318.30. Bachelor's, master's, and doctor's degrees conferred by postsecondary institutions, by sex of student and discipline division: 2015–16—Continued**

Discipline division	Bachelor's degrees			Master's degrees			Doctor's degrees <sup>1</sup>		
	Total	Males	Females	Total	Males	Females	Total	Males	Females
1	2	3	4	5	6	7	8	9	10
Accounting and related services, other .....	149	90	59	240	152	88	2	2	0
Administrative assistant and secretarial science, general .....	70	27	43	0	0	0	0	0	0
Executive assistant/executive secretary .....	0	0	0	1	0	1	0	0	0
Business/office automation/technology/data entry .....	32	20	12	0	0	0	0	0	0
General office occupations and clerical services .....	0	0	0	0	0	0	0	0	0
Parts, warehousing, and inventory management operations .....	0	0	0	0	0	0	0	0	0
Traffic, customs, and transportation clerk/technician .....	8	4	4	0	0	0	0	0	0
Business operations support and secretarial services, other .....	0	0	0	0	0	0	0	0	0
Business/corporate communications .....	883	305	578	101	19	82	0	0	0
Business/managerial economics .....	5,245	3,484	1,761	278	166	112	85	55	30
Entrepreneurship/entrepreneurial studies .....	2,367	1,554	813	799	471	328	8	8	0
Small business administration/management .....	59	38	21	17	11	6	0	0	0
Entrepreneurial and small business operations, other .....	71	37	34	71	35	36	2	2	0
Finance, general .....	35,010	24,745	10,265	6,820	4,270	2,550	61	50	11
Banking and financial support services .....	435	279	156	42	21	21	0	0	0
Financial planning and services .....	378	266	112	276	162	114	6	4	2
International finance .....	7	4	3	25	11	14	0	0	0
Investments and securities .....	91	73	18	200	133	67	0	0	0
Public finance .....	11	9	2	14	10	4	0	0	0
Finance and financial management services, other .....	142	98	44	131	108	23	0	0	0
Hospitality administration/management, general .....	7,940	2,353	5,587	487	143	344	28	15	13
Tourism and travel services management .....	613	154	459	85	23	62	0	0	0
Hotel/motel administration/management .....	1,834	622	1,212	137	48	89	7	4	3
Restaurant/food services management .....	749	325	424	0	0	0	0	0	0
Resort management .....	325	130	195	0	0	0	0	0	0
Meeting and event planning .....	501	60	441	1	0	1	0	0	0
Casino management .....	4	3	1	0	0	0	0	0	0
Hotel, motel, and restaurant management .....	73	30	43	0	0	0	0	0	0
Hospitality administration/management, other .....	449	172	277	63	29	34	4	2	2
Human resources management/personnel administration, general .....	7,250	1,984	5,266	4,555	1,126	3,429	52	20	32
Labor and industrial relations .....	846	417	429	747	249	498	6	1	5
Organizational behavior studies .....	2,587	1,165	1,422	1,645	578	1,067	202	97	105
Labor studies .....	46	13	33	20	10	10	0	0	0
Human resources development .....	717	160	557	947	255	692	33	12	21
Human resources management and services, other .....	340	88	252	984	366	618	0	0	0
International business/trade/commerce .....	5,691	2,813	2,878	1,912	1,058	854	23	15	8
Management information systems, general .....	7,634	5,475	2,159	2,271	1,528	743	40	31	9
Information resources management .....	252	172	80	1,379	998	381	24	15	9
Knowledge management .....	80	48	32	86	61	25	0	0	0
Management information systems and services, other .....	159	93	66	160	104	56	0	0	0
Management science, general .....	3,191	1,889	1,302	2,385	1,496	889	30	16	14
Business statistics .....	201	129	72	488	286	202	0	0	0
Actuarial science .....	1,252	734	518	442	270	172	0	0	0
Management sciences and quantitative methods, other .....	430	254	176	1,104	646	458	15	7	8
Marketing/marketing management, general .....	32,787	15,366	17,421	1,855	706	1,149	35	17	18
Marketing research .....	75	37	38	96	34	62	2	1	1
International marketing .....	173	50	123	343	133	210	4	3	1
Marketing, other .....	911	445	466	260	79	181	6	2	4
Real estate .....	685	473	212	870	600	270	3	3	0
Taxation .....	1	0	1	1,582	736	846	0	0	0
Insurance .....	904	593	311	152	83	69	3	2	1
Sales, distribution, and marketing operations, general .....	1,379	714	665	452	131	321	2	1	1
Merchandising and buying operations .....	14	1	13	9	1	8	0	0	0
Retailing and retail operations .....	331	78	253	2	1	1	0	0	0
Selling skills and sales operations .....	368	241	127	0	0	0	0	0	0
General merchandising/sales/related marketing operations, other .....	81	28	53	4	1	3	0	0	0
Fashion merchandising .....	3,028	189	2,839	9	2	7	0	0	0
Apparel and accessories marketing operations .....	34	3	31	27	1	26	0	0	0
Tourism and travel services marketing operations .....	0	16	15	0	0	0	0	0	0
Tourism promotion operations .....	0	0	0	0	0	0	0	0	0
Vehicle and vehicle parts and accessories marketing operations .....	51	40	11	0	0	0	0	0	0
Business and personal/financial services marketing operations .....	0	0	0	0	0	0	0	0	0
Special products marketing operations .....	178	76	102	11	6	5	0	0	0
Hospitality and recreation marketing operations .....	256	143	113	0	0	0	0	0	0
Specialized merchandising/sales/related marketing operations, other .....	101	28	73	63	24	39	0	0	0
Construction management .....	1,666	1,529	137	307	231	76	4	4	0
Telecommunications management .....	0	0	0	3	1	2	0	0	0
Business/management/marketing/related support services, other .....	3,399	1,862	1,537	1,222	696	526	38	15	23
Personal and culinary services .....	1,386	580	806	36	4	32	0	0	0
Funeral service and mortuary science, general .....	158	50	108	0	0	0	0	0	0
Funeral direction/service .....	31	13	18	0	0	0	0	0	0
Cosmetology/cosmetologist, general .....	0	0	0	0	0	0	0	0	0
Cooking and related culinary arts, general .....	0	0	0	0	0	0	0	0	0
Baking and pastry arts/baker/pastry chef .....	67	11	56	0	0	0	0	0	0
Culinary arts/chef training .....	365	155	210	0	0	0	0	0	0
Restaurant, culinary, and catering management/manager .....	665	313	352	0	0	0	0	0	0
Food service, waiter/waitress, and dining room management .....	0	0	0	0	0	0	0	0	0
Culinary science/culinology .....	65	30	35	0	0	0	0	0	0
Culinary arts and related services, other .....	35	8	27	36	4	32	0	0	0
Personal and culinary services, other .....	0	0	0	0	0	0	0	0	0

See notes at end of table.

**Table 318.30. Bachelor's, master's, and doctor's degrees conferred by postsecondary institutions, by sex of student and discipline division: 2015–16—Continued**

Discipline division	Bachelor's degrees			Master's degrees			Doctor's degrees <sup>1</sup>		
	Total	Males	Females	Total	Males	Females	Total	Males	Females
1	2	3	4	5	6	7	8	9	10
Communication and communications technologies.....	97,378	35,538	61,840	10,167	3,104	7,063	633	258	375
Communication, journalism, and related programs.....	92,554	32,439	60,115	9,676	2,862	6,814	629	256	373
Communication, general.....	9,041	2,992	6,049	745	210	535	82	33	49
Speech communication and rhetoric.....	33,961	11,838	22,123	1,996	624	1,372	277	107	170
Mass communication/media studies.....	9,637	3,523	6,114	956	290	666	119	42	77
Communication and media studies, other.....	1,706	616	1,090	696	215	481	44	18	26
Journalism.....	11,533	3,694	7,839	1,275	406	869	25	10	15
Broadcast journalism.....	949	415	534	41	12	29	0	0	0
Photojournalism.....	141	28	113	11	4	7	0	0	0
Journalism, other.....	736	216	520	511	154	357	0	0	0
Radio and television.....	5,209	2,835	2,374	168	59	109	17	10	7
Digital communication and media/multimedia.....	3,204	1,482	1,722	593	247	346	26	18	8
Radio, television, and digital communication, other.....	882	469	413	12	4	8	0	0	0
Public relations, advertising, and applied communication.....	1,735	453	1,282	178	56	122	0	0	0
Organizational communication, general.....	1,296	405	891	220	54	166	3	3	0
Public relations/image management.....	4,758	938	3,820	610	140	470	0	0	0
Advertising.....	4,663	1,520	3,143	258	79	179	5	2	3
Political communication.....	70	19	51	18	5	13	0	0	0
Health communication.....	105	17	88	141	24	117	9	4	5
Sports communication.....	138	95	43	13	10	3	0	0	0
International and intercultural communication.....	146	36	110	105	25	80	0	0	0
Technical and scientific communication.....	49	19	30	14	5	9	7	2	5
Public relations, advertising and applied communication, other.....	1,148	288	860	176	33	143	0	0	0
Publishing.....	3	1	2	200	20	180	0	0	0
Communication, journalism, and related programs, other.....	1,444	540	904	739	186	553	15	7	8
Communications technologies/technicians and support services.....	4,824	3,099	1,725	491	242	249	4	2	2
Communications technology/technician.....	86	60	26	28	8	20	4	2	2
Photographic and film/video technology/technician and assistant.....	55	39	16	0	0	0	0	0	0
Radio and television broadcasting technology/technician.....	356	191	165	112	34	78	0	0	0
Recording arts technology/technician.....	1,251	1,097	154	46	30	16	0	0	0
Audiovisual communications technologies/technicians, other.....	55	49	6	0	0	0	0	0	0
Graphic communications, general.....	334	132	202	18	4	14	0	0	0
Printing management.....	83	25	58	1	1	0	0	0	0
Prepress/desktop publishing and digital imaging design.....	48	21	27	0	0	0	0	0	0
Animation/interactive technology/video graphics/special effects.....	2,229	1,326	903	280	163	117	0	0	0
Graphic and printing equipment operator, general production.....	22	11	11	0	0	0	0	0	0
Printing press operator.....	17	11	6	0	0	0	0	0	0
Graphic communications, other.....	114	52	62	1	1	0	0	0	0
Communications technologies/technicians and support services, other.....	174	85	89	5	1	4	0	0	0
Computer and information sciences and support services.....	64,405	52,333	12,072	40,128	27,787	12,341	1,979	1,582	397
Computer and information sciences, general.....	16,370	13,593	2,777	9,781	7,022	2,759	648	529	119
Artificial intelligence.....	1	1	0	127	97	30	34	30	4
Information technology.....	7,939	6,427	1,512	4,671	2,923	1,748	71	54	17
Informatics.....	907	659	248	336	158	178	21	12	9
Computer and information sciences, other.....	358	296	62	165	109	56	11	7	4
Computer programming/programmer, general.....	1,179	1,022	157	76	61	15	8	5	3
Computer programming, specific applications.....	440	392	48	42	34	8	0	0	0
Computer programming, vendor/product certification.....	10	9	1	0	0	0	0	0	0
Computer programming, other.....	1	1	0	0	0	0	0	0	0
Data processing and data processing technology/technician.....	67	56	11	0	0	0	0	0	0
Information science/studies.....	6,701	5,119	1,582	6,289	4,029	2,260	159	102	57
Computer systems analysis/analyst.....	1,333	1,016	317	815	566	249	3	2	1
Computer science.....	18,797	15,676	3,121	12,423	8,975	3,448	963	797	166
Web page, digital/multimedia and information resources design.....	1,584	903	681	330	163	167	0	0	0
Data modeling/warehousing and database administration.....	170	125	45	352	229	123	0	0	0
Computer graphics.....	800	490	310	163	84	79	0	0	0
Modeling, virtual environments and simulation.....	332	276	56	85	71	14	0	0	0
Computer software and media applications, other.....	167	133	34	156	120	36	0	0	0
Computer systems networking and telecommunications.....	1,733	1,538	195	816	618	198	3	3	0
Network and system administration/administrator.....	477	444	33	57	38	19	0	0	0
System, networking, and LAN/WAN management/manager.....	254	217	37	26	20	6	0	0	0
Computer and information systems security/information assurance.....	3,173	2,722	451	2,164	1,657	507	21	16	5
Web/multimedia management and webmaster.....	269	181	88	11	6	5	0	0	0
Information technology project management.....	407	331	76	377	245	132	4	3	1
Computer support specialist.....	3	3	0	0	0	0	0	0	0
Computer/information tech. services admin. and management, other.....	598	443	155	504	330	174	0	0	0
Computer and information sciences and support services, other.....	335	260	75	362	232	130	33	22	11
Education.....	87,217	17,427	69,790	145,781	33,802	111,979	11,829	3,692	8,137
Education, general.....	3,449	618	2,831	19,867	4,484	15,383	2,319	627	1,692
Bilingual and multilingual education.....	124	9	115	327	52	275	9	1	8
Multicultural education.....	1	0	1	86	17	69	15	4	11
Indian/Native American education.....	0	0	0	0	0	0	0	0	0
Bilingual, multilingual, and multicultural education, other.....	0	0	0	57	11	46	3	0	3
Curriculum and instruction.....	205	53	152	16,455	3,104	13,351	1,363	337	1,026
Educational leadership and administration, general.....	165	18	147	17,833	6,141	11,692	4,228	1,504	2,724
Administration of special education.....	0	0	0	74	9	65	17	1	16
Adult and continuing education administration.....	3	2	1	545	126	419	49	14	35
Educational, instructional, and curriculum supervision.....	44	10	34	1,130	305	825	111	26	85
Higher education/higher education administration.....	9	2	7	3,003	903	2,100	490	192	298
Community college education.....	0	0	0	64	22	42	75	35	40

See notes at end of table.

**Table 318.30. Bachelor's, master's, and doctor's degrees conferred by postsecondary institutions, by sex of student and discipline division: 2015–16—Continued**

Discipline division	Bachelor's degrees			Master's degrees			Doctor's degrees <sup>1</sup>		
	Total	Males	Females	Total	Males	Females	Total	Males	Females
1	2	3	4	5	6	7	8	9	10
Elementary and middle school administration/principalship.....	117	6	111	610	255	355	21	6	15
Secondary school administration/principalship.....	0	0	0	280	138	142	2	1	1
Urban education and leadership.....	113	47	66	464	117	347	83	25	58
Superintendency and educational system administration.....	0	0	0	312	116	196	100	38	62
Educational administration and supervision, other.....	0	0	0	1,107	354	753	307	104	203
Educational/instructional technology.....	45	23	22	4,498	1,349	3,149	224	88	136
Educational evaluation and research.....	0	0	0	65	24	41	86	19	67
Educational statistics and research methods.....	0	0	0	91	28	63	46	19	27
Educational assessment, testing, and measurement.....	0	0	0	73	28	45	14	5	9
Learning sciences.....	207	32	175	50	22	28	18	9	9
Educational assessment, evaluation, and research, other.....	6	1	5	149	42	107	45	13	32
International and comparative education.....	43	4	39	307	48	259	17	5	12
Social and philosophical foundations of education.....	16	8	8	430	135	295	122	44	78
Special education and teaching, general.....	6,512	687	5,825	12,097	1,888	10,209	206	37	169
Education/teaching of individuals with hearing impairments/deafness.....	88	10	78	118	10	108	0	0	0
Education/teaching of the gifted and talented.....	0	0	0	243	23	220	1	0	1
Education/teaching of individuals with emotional disturbances.....	49	10	39	160	38	122	16	0	16
Education/teaching of individuals with mental retardation.....	158	16	142	48	6	42	1	0	1
Education/teaching of individuals with multiple disabilities.....	128	18	110	286	42	244	0	0	0
Educ./teach. of individuals with orthopedic/physical health impair.....	2	0	2	0	0	0	4	0	4
Education/teaching of individuals with vision impairments/blindness.....	21	4	17	103	20	83	0	0	0
Educ./teach. of individuals with specific learning disabilities.....	234	30	204	40	290	247	0	0	0
Education/teaching of individuals with speech/language impairments.....	186	5	181	263	13	250	0	0	0
Education/teaching of individuals with autism.....	0	0	0	202	18	184	0	0	0
Education/teaching of individuals who are developmentally delayed.....	26	2	24	5	0	5	0	0	0
Educ./teach. of individuals in early childhood spec. educ. programs.....	529	21	508	861	33	828	0	0	0
Education/teaching of individuals in elementary special educ. programs.....	415	36	379	1,107	155	952	0	0	0
Educ./teach. of individuals in jr. high/middle school special educ. prog.....	25	4	21	33	8	25	0	0	0
Education/teaching of individuals in secondary special educ. prog.....	31	5	26	371	109	262	0	0	0
Special education and teaching, other.....	310	30	280	660	86	574	4	0	4
Counselor education/school counseling and guidance services.....	1	1	0	11,179	1,922	9,257	363	89	274
College student counseling and personnel services.....	0	0	0	1,014	296	718	39	11	28
Student counseling and personnel services, other.....	0	0	0	311	47	264	6	3	3
Adult and continuing education and teaching.....	54	10	44	1,094	311	783	132	43	89
Elementary education and teaching.....	28,143	2,530	25,613	7,456	911	6,545	37	4	33
Junior high/intermediate/middle school education and teaching.....	2,507	641	1,866	761	217	544	0	0	0
Secondary education and teaching.....	3,347	1,273	2,074	5,656	2,225	3,431	15	7	8
Teacher education, multiple levels.....	1,353	231	1,122	3,681	968	2,713	18	4	14
Montessori teacher education.....	10	0	10	174	11	163	0	0	0
Waldorf/Steiner teacher education.....	0	0	0	0	0	0	0	0	0
Kindergarten/preschool education and teaching.....	1,109	48	1,061	240	10	230	12	3	9
Early childhood education and teaching.....	12,515	473	12,042	3,015	100	2,915	15	3	12
Teacher educ. and prof. dev., specific levels and methods, other.....	147	20	127	3,140	700	2,440	98	27	71
Agricultural teacher education.....	593	183	410	221	53	168	34	17	17
Art teacher education.....	928	119	809	809	112	697	20	3	17
Business teacher education.....	156	77	79	97	38	59	0	0	0
Driver and safety teacher education.....	0	0	0	0	0	0	0	0	0
English/language arts teacher education.....	1,890	379	1,511	791	211	580	20	3	17
Foreign language teacher education.....	86	14	72	192	46	146	11	2	9
Health teacher education.....	1,406	441	965	473	132	341	43	8	35
Family and consumer sciences/home economics teacher education.....	259	13	246	82	6	76	1	0	1
Technology teacher education/industrial arts teacher education.....	259	212	47	295	120	175	0	0	0
Sales and marketing operations/marketing and dist. teacher educ.....	14	7	7	0	0	0	0	0	0
Mathematics teacher education.....	1,656	577	1,079	1,604	506	1,098	65	27	38
Music teacher education.....	3,348	1,477	1,871	1,135	455	680	87	46	41
Physical education teaching and coaching.....	7,601	4,287	3,314	1,908	1,075	833	44	25	19
Reading teacher education.....	151	19	132	5,372	267	5,105	92	11	81
Science teacher education/general science teacher education.....	466	161	305	716	223	493	56	21	35
Social science teacher education.....	444	259	185	97	53	44	0	0	0
Social studies teacher education.....	1,221	699	522	459	248	211	4	3	1
Technical teacher education.....	156	83	73	207	80	127	58	26	32
Trade and industrial teacher education.....	579	354	225	239	107	132	1	0	1
Computer teacher education.....	67	5	62	147	42	105	0	0	0
Biology teacher education.....	360	139	221	299	98	201	1	0	1
Chemistry teacher education.....	82	41	41	82	33	49	1	0	1
Drama and dance teacher education.....	109	17	92	78	14	64	0	0	0
French language teacher education.....	31	4	27	22	3	19	0	0	0
German language teacher education.....	11	3	8	1	0	1	0	0	0
Health occupations teacher education.....	15	0	15	96	15	81	62	1	61
History teacher education.....	500	277	223	100	54	46	0	0	0
Physics teacher education.....	33	23	10	57	33	24	0	0	0
Spanish language teacher education.....	265	65	200	120	23	97	0	0	0
Speech teacher education.....	19	6	13	24	7	17	9	2	7
Geography teacher education.....	4	3	1	0	0	0	0	0	0
Latin teacher education.....	3	1	2	6	2	4	0	0	0
School librarian/library media specialist.....	1	0	1	193	35	158	0	0	0
Psychology teacher education.....	4	0	4	0	0	0	0	0	0
Earth science teacher education.....	31	18	13	44	17	27	0	0	0
Environmental education.....	2	1	1	183	34	149	1	1	0
Teacher educ. and prof. dev., specific subject areas, other.....	177	61	116	1,381	306	1,075	56	12	44

See notes at end of table.

**Table 318.30. Bachelor's, master's, and doctor's degrees conferred by postsecondary institutions, by sex of student and discipline division: 2015–16—Continued**

Discipline division	Bachelor's degrees			Master's degrees			Doctor's degrees <sup>1</sup>		
	Total	Males	Females	Total	Males	Females	Total	Males	Females
1	2	3	4	5	6	7	8	9	10
Teaching English as a second/foreign language/ESL language instructor .....	275	50	225	3,199	704	2,495	32	15	17
Teaching French as a second or foreign language .....	0	0	0	0	0	0	0	0	0
Teaching English or French as a second or foreign lang., other .....	26	7	19	5	1	4	0	0	0
Teacher assistant/aide .....	4	1	3	16	5	11	0	0	0
Adult literacy tutor/instructor .....	0	0	0	11	1	10	1	0	1
Education, other .....	1,538	406	1,132	2,575	603	1,972	399	121	278
Engineering and engineering technologies .....	124,009	99,628	24,381	57,685	43,177	14,508	10,342	7,915	2,427
Engineering .....	106,850	84,516	22,334	51,621	38,737	12,884	10,209	7,824	2,385
Engineering, general .....	2,281	1,808	473	2,539	1,916	623	401	320	81
Pre-engineering .....	21	14	7	0	0	0	0	0	0
Aerospace, aeronautical and astronautical engineering.....	3,874	3,323	551	1,438	1,198	240	332	283	49
Agricultural engineering.....	1,109	733	376	307	176	131	125	77	48
Architectural engineering.....	659	447	212	167	101	66	15	12	3
Bioengineering and biomedical engineering.....	6,531	3,794	2,737	2,359	1,359	1,000	1,045	649	396
Ceramic sciences and engineering .....	84	60	24	22	17	5	8	7	1
Chemical engineering.....	9,751	6,565	3,186	1,653	1,108	545	981	666	315
Chemical and biomolecular engineering .....	159	96	63	29	16	13	20	15	5
Chemical engineering, other.....	6	5	1	16	10	6	1	0	1
Civil engineering, general.....	12,999	9,859	3,140	5,193	3,721	1,472	957	734	223
Geotechnical and geoenvironmental engineering .....	0	0	0	3	2	1	0	0	0
Structural engineering .....	207	157	50	223	161	62	20	15	5
Transportation and highway engineering .....	4	4	0	119	80	39	15	9	6
Water resources engineering.....	13	10	3	71	33	38	11	6	5
Civil engineering, other.....	21	16	5	16	10	6	4	4	0
Computer engineering, general.....	6,422	5,663	759	2,901	2,199	702	356	304	52
Computer hardware engineering .....	0	0	0	109	80	29	0	0	0
Computer software engineering .....	845	752	93	1,829	1,218	611	9	6	3
Computer engineering, other.....	10	9	1	76	64	12	5	5	0
Electrical and electronics engineering.....	15,591	13,593	1,998	13,302	10,238	3,064	2,198	1,844	354
Laser and optical engineering .....	37	29	8	40	24	16	19	16	3
Telecommunications engineering .....	8	5	3	222	162	60	4	3	1
Electrical, electronics and communications engineering, other.....	98	86	12	214	169	45	20	18	2
Engineering mechanics .....	84	72	12	80	67	13	71	58	13
Engineering physics/applied physics .....	587	495	92	92	69	23	66	48	18
Engineering science .....	498	320	178	342	276	66	109	82	27
Environmental/environmental health engineering.....	1,436	783	653	864	473	391	141	71	70
Materials engineering .....	1,437	1,036	401	1,000	693	307	670	500	170
Mechanical engineering.....	29,214	25,262	3,952	7,558	6,447	1,111	1,463	1,235	228
Metallurgical engineering.....	168	128	40	46	39	7	15	13	2
Mining and mineral engineering .....	336	288	48	103	82	21	24	19	5
Naval architecture and marine engineering .....	424	384	40	51	42	9	7	7	0
Nuclear engineering .....	508	423	85	311	266	45	140	115	25
Ocean engineering .....	190	144	46	82	65	17	17	12	5
Petroleum engineering.....	1,984	1,667	317	514	405	109	105	84	21
Systems engineering.....	921	711	210	1,928	1,453	475	122	87	35
Textile sciences and engineering.....	271	62	209	53	17	36	35	15	20
Polymer/plastics engineering.....	109	79	30	91	68	23	65	48	17
Construction engineering .....	468	397	71	225	182	43	1	1	0
Forest engineering.....	28	22	6	1	1	0	1	1	0
Industrial engineering.....	4,906	3,346	1,560	2,833	2,096	737	315	218	97
Manufacturing engineering .....	429	377	52	321	264	57	2	1	1
Operations research .....	397	238	159	741	485	256	66	47	19
Surveying engineering.....	30	26	4	8	5	3	9	7	2
Geological/geophysical engineering.....	271	176	95	164	132	32	21	15	6
Paper science and engineering .....	10	6	4	5	5	0	4	3	1
Electromechanical engineering .....	28	26	2	0	0	0	1	0	1
Mechatronics, robotics, and automation engineering .....	99	84	15	161	137	24	14	12	2
Biochemical engineering .....	79	46	33	19	13	6	0	0	0
Engineering chemistry.....	1	1	0	0	0	0	0	0	0
Biological/biosystems engineering .....	284	175	109	22	14	8	21	13	8
Engineering, other .....	923	714	209	1,158	879	279	158	119	39
Engineering technologies/construction trades/mechanics and repairers .....	17,159	15,112	2,047	6,064	4,440	1,624	133	91	42
Engineering technologies and engineering-related fields.....	16,548	14,545	2,003	6,064	4,440	1,624	133	91	42
Engineering technology, general .....	1,435	1,295	140	398	294	104	10	7	3
Architectural engineering technology/technician .....	333	269	64	11	10	1	0	0	0
Civil engineering technology/technician .....	428	371	57	0	0	0	0	0	0
Electrical/electronic/communications eng. technology/technician .....	1,507	1,371	136	70	60	10	0	0	0
Laser and optical technology/technician.....	0	0	0	0	0	0	0	0	0
Telecommunications technology/technician.....	72	65	7	118	93	25	0	0	0
Electrical/electronic eng. technologies/technicians, other .....	213	198	15	4	3	1	0	0	0
Biomedical technology/technician .....	85	70	15	4	1	3	4	2	2
Electromechanical technology/electromechanical eng. technology .....	112	108	4	3	3	0	0	0	0
Instrumentation technology/technician .....	26	25	1	0	0	0	0	0	0
Robotics technology/technician .....	19	18	1	14	11	3	0	0	0
Automation engineer technology/technician .....	113	109	4	0	0	0	0	0	0
Electromechanical/instrumentation and maintenance technol./tech.....	7	7	0	0	0	0	0	0	0
Heating, ventilation, air conditioning and refrig. eng. technol./tech. ....	2	2	0	0	0	0	0	0	0
Energy management and systems technology/technician .....	142	124	18	162	123	39	0	0	0
Solar energy technology/technician.....	0	0	0	15	13	2	0	0	0
Water quality/wastewater treatment manage./recycling technol./tech. ....	0	0	0	0	0	0	0	0	0

See notes at end of table.

**Table 318.30. Bachelor's, master's, and doctor's degrees conferred by postsecondary institutions, by sex of student and discipline division: 2015–16—Continued**

Discipline division	Bachelor's degrees			Master's degrees			Doctor's degrees <sup>1</sup>		
	Total	Males	Females	Total	Males	Females	Total	Males	Females
1	2	3	4	5	6	7	8	9	10
Environmental engineering technology/environmental technology.....	199	144	55	89	47	42	1	1	0
Hazardous materials management and waste technology/technician.....	0	0	0	0	0	0	0	0	0
Environmental control technologies/technicians, other.....	9	6	3	70	52	18	0	0	0
Plastics and polymer engineering technology/technician.....	94	82	12	6	4	2	0	0	0
Industrial technology/technician.....	1,618	1,450	168	310	201	109	14	10	4
Manufacturing engineering technology/technician.....	615	569	46	68	53	15	0	0	0
Welding engineering technology/technician.....	6	6	0	0	0	0	0	0	0
Industrial production technologies/technicians, other.....	256	204	52	3	3	0	0	0	0
Occupational safety and health technology/technician.....	1,606	1,290	316	580	418	162	1	1	0
Quality control technology/technician.....	4	3	1	78	45	33	0	0	0
Industrial safety technology/technician.....	178	150	28	25	15	10	0	0	0
Quality control and safety technologies/technicians, other.....	65	59	6	4	1	3	0	0	0
Aeronautical/aerospace engineering technology/technician.....	95	82	13	45	39	6	0	0	0
Automotive engineering technology/technician.....	360	346	14	78	77	1	1	1	0
Mechanical engineering/mechanical technology/technician.....	1,849	1,731	118	18	9	9	0	0	0
Mechanical engineering related technologies/technicians, other.....	264	246	18	0	0	0	0	0	0
Mining technology/technician.....	3	2	1	0	0	0	0	0	0
Petroleum technology/technician.....	39	37	2	0	0	0	0	0	0
Mining and petroleum technologies/technicians, other.....	0	0	0	0	0	0	0	0	0
Construction engineering technology/technician.....	1,568	1,439	129	111	81	30	1	1	0
Surveying technology/surveying.....	147	128	19	3	2	1	8	6	2
Hydraulics and fluid power technology/technician.....	4	3	1	0	0	0	0	0	0
Engineering-related technologies, other.....	2	1	1	0	0	0	0	0	0
Computer engineering technology/technician.....	512	457	55	0	0	0	0	0	0
Computer technology/computer systems technology.....	210	194	16	106	79	27	2	2	0
Computer hardware technology/technician.....	0	0	0	0	0	0	0	0	0
Computer software technology/technician.....	55	48	7	0	0	0	1	1	0
Computer engineering technologies/technicians, other.....	26	23	3	0	0	0	0	0	0
Drafting and design technologies/technicians, general.....	53	47	6	0	0	0	0	0	0
CAD/CADD drafting and/or design technology/technician.....	100	79	21	18	12	6	0	0	0
Architectural drafting and architectural CAD/CADD.....	4	4	0	0	0	0	0	0	0
Civil drafting and civil engineering CAD/CADD.....	4	4	0	0	0	0	0	0	0
Mechanical drafting and mechanical drafting CAD/CADD.....	23	20	3	0	0	0	0	0	0
Drafting/design engineering technologies/technicians, other.....	8	7	1	0	0	0	0	0	0
Nuclear engineering technology/technician.....	178	166	12	0	0	0	0	0	0
Engineering/industrial management.....	845	672	173	3,355	2,496	859	54	40	14
Engineering design.....	0	0	0	37	21	16	1	0	1
Packaging science.....	410	264	146	44	28	16	5	2	3
Engineering-related fields, other.....	52	34	18	27	17	10	14	5	9
Nanotechnology.....	183	8	2	45	31	14	16	12	4
Engineering tech. and engineering-related fields, other.....	580	508	75	145	98	47	0	0	0
Construction trades.....	225	208	17	0	0	0	0	0	0
Construction trades, general.....	0	0	0	0	0	0	0	0	0
Mason/masonry.....	0	0	0	0	0	0	0	0	0
Electrician.....	0	0	0	0	0	0	0	0	0
Building/property maintenance.....	0	0	0	0	0	0	0	0	0
Building/construction site management/manager.....	118	108	10	0	0	0	0	0	0
Building construction technology.....	58	55	3	0	0	0	0	0	0
Building/construction finishing, mgmt., and inspection, other.....	49	45	4	0	0	0	0	0	0
Construction trades, other.....	0	0	0	0	0	0	0	0	0
Mechanic and repair technologies/technicians.....	386	359	27	0	0	0	0	0	0
Communications systems installation and repair technology.....	0	0	0	0	0	0	0	0	0
Industrial electronics technology/technician.....	3	3	0	0	0	0	0	0	0
Heating, air conditioning, ventilation and refrig. main. tech.....	0	0	0	0	0	0	0	0	0
Heavy equipment maintenance technology/technician.....	13	13	0	0	0	0	0	0	0
Autobody/collision and repair technology/technician.....	0	0	0	0	0	0	0	0	0
Automobile/automotive mechanics technology/technician.....	56	53	3	0	0	0	0	0	0
Diesel mechanics technology/technician.....	23	23	0	0	0	0	0	0	0
Airframe mechanics and aircraft maintenance technology/technician.....	40	32	8	0	0	0	0	0	0
Aircraft powerplant technology/technician.....	148	137	11	0	0	0	0	0	0
Avionics maintenance technology/technician.....	98	93	5	0	0	0	0	0	0
Vehicle maintenance and repair technologies, other.....	5	5	0	0	0	0	0	0	0
English language and literature/letters.....	42,795	12,776	30,019	8,577	2,883	5,694	1,392	517	875
English language and literature, general.....	34,640	10,125	24,515	4,508	1,435	3,073	1,205	448	757
Writing, general.....	600	197	403	92	33	59	0	0	0
Creative writing.....	2,918	953	1,965	3,161	1,193	1,968	13	6	7
Professional, technical, business, and scientific writing.....	708	196	512	326	83	243	22	8	14
Rhetoric and composition.....	2,781	1,006	1,775	162	54	108	96	35	61
Rhetoric and composition/writing studies, other.....	34	10	24	19	3	16	8	2	6
General literature.....	261	62	199	22	9	13	0	0	0
American literature (United States).....	22	7	15	5	3	2	0	0	0
English literature (British and Commonwealth).....	208	43	165	82	19	63	11	3	8
Children's and adolescent literature.....	1	0	1	23	3	20	0	0	0
Literature, other.....	10	1	9	0	0	0	0	0	0
English language and literature/letters, other.....	612	176	436	177	48	129	37	15	22
Family and consumer sciences/human sciences.....	25,389	2,982	22,407	3,228	461	2,767	374	95	279
Work and family studies.....	0	0	0	2	1	1	0	0	0
Family and consumer sciences/human sciences, general.....	3,823	380	3,443	512	95	417	53	15	38
Business family and consumer sciences/human sciences.....	152	34	118	9	5	4	2	0	2
Family and consumer sciences/human sciences communication.....	25	0	25	0	0	0	0	0	0

See notes at end of table.

**Table 318.30. Bachelor's, master's, and doctor's degrees conferred by postsecondary institutions, by sex of student and discipline division: 2015–16—Continued**

Discipline division	Bachelor's degrees			Master's degrees			Doctor's degrees <sup>1</sup>		
	Total	Males	Females	Total	Males	Females	Total	Males	Females
1	2	3	4	5	6	7	8	9	10
Consumer merchandising/retailing management .....	179	19	160	25	2	23	0	0	0
Family and consumer sciences/human sciences business services, other .....	11	1	10	0	0	0	0	0	0
Family resource management studies, general .....	747	203	544	164	49	115	11	4	7
Consumer economics .....	132	63	69	0	0	0	0	0	0
Consumer services and advocacy .....	47	7	40	1	0	1	0	0	0
Family and consumer economics and related services, other .....	397	45	352	4	1	3	13	3	10
Foods, nutrition, and wellness studies, general .....	2,725	530	2,195	612	97	515	40	13	27
Human nutrition .....	774	148	626	293	34	259	29	9	20
Food service systems administration/management .....	1,021	355	666	3	0	3	0	0	0
Foods, nutrition, and related services, other .....	29	6	23	49	2	47	0	0	0
Housing and human environments, general .....	176	27	149	22	6	16	6	4	2
Facilities planning and management .....	44	39	5	6	6	0	0	0	0
Housing and human environments, other .....	10	1	9	0	0	0	0	0	0
Human development and family studies, general .....	8,397	681	7,716	664	74	590	121	32	89
Adult development and aging .....	23	2	21	152	17	135	2	0	2
Family systems .....	501	41	460	39	3	36	15	3	12
Child development .....	1,746	70	1,676	183	5	178	15	2	13
Family and community services .....	1,185	136	1,049	238	29	209	37	5	32
Child care and support services management .....	378	14	364	61	3	58	0	0	0
Child care provider/assistant .....	22	0	22	0	0	0	0	0	0
Developmental services worker .....	1	0	1	0	0	0	0	0	0
Human development, family studies, and related services, other .....	465	31	434	49	8	41	11	2	9
Apparel and textiles, general .....	1,874	108	1,766	56	11	45	15	2	13
Apparel and textile manufacture .....	70	19	51	0	0	0	0	0	0
Textile science .....	0	0	0	0	0	0	2	1	1
Apparel and textile marketing management .....	380	10	370	66	9	57	1	0	1
Fashion and fabric consultant .....	20	1	19	0	0	0	0	0	0
Apparel and textiles, other .....	9	3	6	4	1	3	0	0	0
Family and consumer sciences/human sciences, other .....	26	8	18	14	3	11	1	0	1
Foreign languages, literatures, and linguistics .....	18,427	5,755	12,672	3,405	1,173	2,232	1,265	510	755
Foreign languages and literatures, general .....	1,599	510	1,089	237	74	163	21	5	16
Linguistics .....	2,079	635	1,444	713	258	455	230	89	141
Language interpretation and translation .....	38	21	17	180	38	142	10	3	7
Comparative literature .....	681	216	465	152	57	95	151	50	101
Applied linguistics .....	40	9	31	25	6	19	14	4	10
Linguistic/comparative/related language studies and serv., other .....	170	40	130	30	12	18	12	7	5
African languages, literatures, and linguistics .....	5	0	5	3	2	1	1	1	0
East Asian languages, literatures, and linguistics, general .....	139	55	84	86	34	52	37	15	22
Chinese language and literature .....	482	219	263	44	5	39	6	2	4
Japanese language and literature .....	605	279	326	24	9	15	8	4	4
Korean language and literature .....	54	17	37	6	5	1	2	1	1
East Asian languages, literatures, and linguistics, other .....	93	34	59	20	7	13	22	8	14
Slavic languages, literatures, and linguistics, general .....	50	17	33	36	16	20	32	12	20
Russian language and literature .....	304	163	141	13	6	7	0	0	0
Polish language and literature .....	2	0	2	0	0	0	0	0	0
Germanic languages, literatures, and linguistics, general .....	56	28	28	20	10	10	19	9	10
German language and literature .....	809	388	421	88	43	45	64	27	37
Scandinavian languages, literatures, and linguistics .....	5	3	2	4	3	1	4	2	2
Danish language and literature .....	0	0	0	0	0	0	0	0	0
Dutch/Flemish language and literature .....	2	1	1	0	0	0	0	0	0
Norwegian language and literature .....	2	0	2	0	0	0	0	0	0
Swedish language and literature .....	2	0	2	0	0	0	0	0	0
Germanic languages, literatures, and linguistics, other .....	14	8	6	0	0	0	0	0	0
Modern Greek language and literature .....	3	2	1	0	0	0	0	0	0
South Asian languages, literatures, and linguistics, general .....	2	0	2	3	1	2	4	1	3
Iranian languages, literatures, and linguistics .....	4	1	3	0	0	0	0	0	0
Romance languages, literatures, and linguistics, general .....	130	43	87	85	25	60	47	20	27
French language and literature .....	1,750	443	1,307	306	91	215	93	27	66
Italian language and literature .....	191	52	139	34	10	24	26	8	18
Portuguese language and literature .....	50	25	25	10	4	6	3	2	1
Spanish language and literature .....	6,874	1,801	5,073	747	215	532	197	69	128
Hispanic and Latin American languages, lit., and linguistics, general .....	81	22	59	23	7	16	16	11	5
Romance languages, literatures, and linguistics, other .....	65	21	44	42	13	29	56	23	33
American Indian/Native American languages, literatures, and linguistics .....	1	0	1	11	3	8	0	0	0
Middle/Near Eastern and Semitic languages, lit., and linguistics, general .....	20	11	9	19	10	9	13	6	7
Arabic language and literature .....	155	79	76	18	9	9	1	1	0
Hebrew language and literature .....	7	2	5	8	5	3	4	3	1
Ancient Near Eastern and biblical languages, lit., and linguistics .....	22	14	8	17	12	5	8	6	2
Middle/Near Eastern and Semitic languages, lit., and ling., other .....	81	37	44	51	27	24	43	29	14
Classics and classical languages, lit., and linguistics, general .....	888	387	501	190	93	97	105	58	47
Ancient/classical Greek language and literature .....	16	7	9	0	0	0	0	0	0
Latin language and literature .....	42	14	28	12	9	3	0	0	0
Classics and classical languages, lit., and linguistics, other .....	26	11	15	12	8	4	2	1	1
Celtic languages, literatures, and linguistics .....	4	0	4	4	2	2	0	0	0
Filipino/Tagalog language and literature .....	4	2	2	0	0	0	0	0	0
Turkish language and literature .....	0	0	0	0	0	0	0	0	0
Uralic languages, literatures, and linguistics .....	0	0	0	0	0	0	0	0	0
American sign language (ASL) .....	131	15	116	31	11	20	0	0	0
Linguistics of ASL and other sign languages .....	0	0	0	8	2	6	3	1	2
Sign language interpretation and translation .....	399	43	356	43	13	30	3	0	3

See notes at end of table.

**Table 318.30. Bachelor's, master's, and doctor's degrees conferred by postsecondary institutions, by sex of student and discipline division: 2015–16—Continued**

Discipline division	Bachelor's degrees			Master's degrees			Doctor's degrees <sup>1</sup>		
	Total	Males	Females	Total	Males	Females	Total	Males	Females
1	2	3	4	5	6	7	8	9	10
American sign language, other.....	11	1	10	0	0	0	0	0	0
Foreign languages, literatures, and linguistics, other.....	239	79	160	50	18	32	8	5	3
Health professions and related programs.....	228,896	36,261	192,635	110,348	20,423	89,925	73,682	30,385	43,297
Health and wellness, general.....	13,163	3,249	9,914	735	242	493	140	45	95
Chiropractic.....	0	0	0	0	0	0	2,418	1,416	1,002
Communication sciences and disorders, general.....	4,917	261	4,656	1,870	95	1,775	45	8	37
Audiology/audiologist.....	242	20	222	124	7	117	653	111	542
Speech-language pathology/pathologist.....	1,289	64	1,225	3,192	132	3,060	18	3	15
Audiology/audiologist and speech-language pathology/pathologist.....	4,646	204	4,442	2,703	116	2,587	230	35	195
Communication disorders sciences and services, other.....	108	2	106	76	1	75	11	1	10
Dentistry.....	0	0	0	0	0	0	5,951	3,032	2,919
Dental clinical sciences, general.....	0	0	0	350	173	177	24	9	15
Advanced general dentistry.....	0	0	0	8	6	2	0	0	0
Oral biology and oral maxillofacial pathology.....	0	0	0	127	77	50	23	9	14
Dental public health and education.....	0	0	0	7	0	7	1	0	1
Dental materials.....	0	0	0	0	0	0	0	0	0
Endodontics/endodontology.....	0	0	0	28	16	12	6	3	3
Oral/maxillofacial surgery.....	0	0	0	0	0	0	0	0	0
Orthodontics/orthodontology.....	0	0	0	93	48	45	2	2	0
Pediatric dentistry/pedodontics.....	0	0	0	23	5	18	0	0	0
Periodontics/periodontology.....	0	0	0	25	15	10	0	0	0
Prosthodontics/prosthodontology.....	0	0	0	29	17	12	3	3	0
Advanced/graduate dentistry and oral sciences, other.....	0	0	0	67	34	33	5	2	3
Dental assisting/assistant.....	2	0	2	0	0	0	0	0	0
Dental hygiene/hygienist.....	2,135	104	2,031	95	4	91	0	0	0
Dental laboratory technology/technician.....	5	1	4	0	0	0	0	0	0
Dental services and allied professions, other.....	13	1	12	6	2	4	0	0	0
Health/health care administration/management.....	11,432	2,375	9,057	9,254	2,695	6,559	239	84	155
Hospital and health care facilities administration/management.....	3,302	474	2,828	1,179	398	781	2	1	1
Health unit manager/ward supervisor.....	0	0	0	2	1	1	0	0	0
Medical office management/administration.....	40	6	34	0	0	0	0	0	0
Health information/medical records administration/administrator.....	1,428	233	1,195	380	86	294	0	0	0
Health information/medical records technology/technician.....	106	32	74	47	11	36	0	0	0
Medical office assistant/specialist.....	3	0	3	0	0	0	0	0	0
Medical/health management and clinical assistant/specialist.....	27	4	23	10	1	9	0	0	0
Medical staff services technology/technician.....	4	2	2	0	0	0	0	0	0
Long term care administration/management.....	271	26	245	13	3	10	0	0	0
Clinical research coordinator.....	7	0	7	97	20	77	0	0	0
Health and medical administrative services, other.....	689	140	549	262	70	192	17	4	13
Medical/clinical assistant.....	16	0	16	5	1	4	0	0	0
Occupational therapist assistant.....	2	1	1	0	0	0	0	0	0
Pharmacy technician/assistant.....	0	0	0	0	0	0	0	0	0
Physical therapy technician/assistant.....	52	16	36	0	0	0	0	0	0
Veterinary/animal health technology/technician and vet. assistant.....	396	24	372	0	0	0	0	0	0
Anesthesiologist assistant.....	0	0	0	194	87	107	0	0	0
Emergency care attendant (EMT ambulance).....	5	4	1	0	0	0	0	0	0
Pathology/pathologist assistant.....	9	4	5	75	13	62	0	0	0
Respiratory therapy technician/assistant.....	23	7	16	0	0	0	0	0	0
Radiologist assistant.....	7	4	3	3	1	2	0	0	0
Allied health and medical assisting services, other.....	353	97	256	185	70	115	0	0	0
Cardiovascular technology/technologist.....	91	37	54	0	0	0	0	0	0
Emergency medical technology/technician (EMT paramedic).....	244	183	61	24	16	8	0	0	0
Nuclear medical technology/technologist.....	313	98	215	0	0	0	0	0	0
Perfusion technology/perfusionist.....	10	7	3	59	28	31	0	0	0
Medical radiologic technology/science radiation therapist.....	1,262	283	979	67	31	36	0	0	0
Respiratory care therapy/therapist.....	1,372	424	948	60	24	36	0	0	0
Surgical technology/technologist.....	30	6	24	0	0	0	0	0	0
Diagnostic medical sonography/sonographer and ultrasound technician.....	617	92	525	7	2	5	0	0	0
Radiologic technology/science radiographer.....	1,320	342	978	56	25	31	1	0	1
Physician assistant.....	557	160	397	7,593	2,012	5,581	13	9	4
Athletic training/trainer.....	3,889	1,575	2,314	708	277	431	5	2	3
Gene/genetic therapy.....	11	1	10	0	0	0	2	0	2
Cardiopulmonary technology/technologist.....	0	0	0	0	0	0	0	0	0
Radiation protection/health physics technician.....	11	3	8	8	6	2	0	0	0
Magnetic resonance imaging (MRI) technology/technician.....	31	12	19	0	0	0	0	0	0
Allied health diagnostic/intervention/treatment professions, other.....	441	142	299	29	13	16	76	10	66
Blood bank technology specialist.....	0	0	0	5	1	4	0	0	0
Cytotechnology/cytotechnologist.....	46	14	32	12	4	8	0	0	0
Hematology technology/technician.....	0	0	0	12	7	5	0	0	0
Clinical/medical laboratory technician.....	154	54	100	0	0	0	0	0	0
Clinical laboratory science/medical technology/technologist.....	2,975	839	2,136	210	65	145	0	0	0
Histologic technology/histotechnologist.....	16	5	11	5	1	4	0	0	0
Histologic technician.....	6	0	6	0	0	0	0	0	0
Cytogenetics/genetics/clinical genetics technology/technologist.....	43	16	27	4	0	4	0	0	0
Clinical/medical laboratory science and allied professions, other.....	361	93	268	164	57	107	4	1	3
Pre-dentistry studies.....	18	6	12	0	0	0	0	0	0
Pre-medicine/pre-medical studies.....	932	359	573	39	15	24	0	0	0
Pre-pharmacy studies.....	20	4	16	0	0	0	0	0	0
Pre-veterinary studies.....	338	41	297	0	0	0	0	0	0
Pre-nursing studies.....	28	3	25	0	0	0	0	0	0

See notes at end of table.

**Table 318.30. Bachelor's, master's, and doctor's degrees conferred by postsecondary institutions, by sex of student and discipline division: 2015–16—Continued**

Discipline division	Bachelor's degrees			Master's degrees			Doctor's degrees <sup>1</sup>		
	Total	Males	Females	Total	Males	Females	Total	Males	Females
1	2	3	4	5	6	7	8	9	10
Pre-occupational therapy studies .....	85	7	78	0	0	0	0	0	0
Pre-optometry studies .....	5	0	5	0	0	0	0	0	0
Pre-physical therapy studies .....	212	71	141	0	0	0	0	0	0
Health/medical preparatory programs, other .....	1,684	523	1,161	107	42	65	0	0	0
Medicine .....	0	0	0	0	0	0	18,409	9,852	8,557
Medical scientist .....	0	0	0	537	254	283	51	23	28
Substance abuse/addiction counseling .....	507	111	396	411	128	283	0	0	0
Psychiatric/mental health services technician .....	237	47	190	1	0	1	1	0	1
Clinical/medical social work .....	214	22	192	612	90	522	14	2	12
Community health services/liason/counseling .....	1,413	292	1,121	236	31	205	15	2	13
Marriage and family therapy/counseling .....	39	10	29	3,118	532	2,586	150	37	113
Clinical pastoral counseling/patient counseling .....	40	8	32	117	40	77	34	15	19
Psychoanalysis and psychotherapy .....	0	0	0	6	0	6	7	1	6
Mental health counseling/counselor .....	22	3	19	5,241	850	4,391	29	5	24
Genetic counseling/counselor .....	0	0	0	154	12	142	0	0	0
Mental and social health services and allied professions, other .....	539	57	482	193	34	159	30	9	21
Optometry .....	0	0	0	0	0	0	1,630	564	1,066
Ophthalmic technician/technologist .....	2	0	2	0	0	0	0	0	0
Orthotics/orthoptist .....	0	0	0	0	0	0	0	0	0
Ophthalmic/optometric support services/allied professions, other .....	6	1	5	6	2	4	3	3	0
Osteopathic medicine/osteopathy .....	0	0	0	0	0	0	5,466	2,997	2,469
Pharmacy .....	1,000	392	608	7	3	4	14,727	5,665	9,062
Pharmacy admin. and pharmacy policy and regulatory affairs .....	0	0	0	398	137	261	19	8	11
Pharmaceutics and drug design .....	121	46	75	143	77	66	160	87	73
Medicinal and pharmaceutical chemistry .....	27	13	14	54	20	34	103	65	38
Natural products chemistry and pharmacognosy .....	0	0	0	3	0	3	6	3	3
Clinical and industrial drug development .....	41	14	27	132	40	92	0	0	0
Pharmacoeconomics/pharmaceutical economics .....	0	0	0	29	12	17	111	46	65
Clinical, hospital, and managed care pharmacy .....	0	0	0	10	6	4	0	0	0
Industrial and physical pharmacy and cosmetic sciences .....	7	1	6	64	19	45	0	0	0
Pharmaceutical sciences .....	865	334	531	158	58	100	144	71	73
Pharmaceutical marketing and management .....	75	41	34	19	12	7	0	0	0
Pharmacy, pharmaceutical sciences, and administration, other .....	489	195	294	258	82	176	25	12	13
Podiatric medicine/podiatry .....	0	0	0	0	0	0	544	321	223
Public health, general .....	4,890	947	3,943	8,916	2,253	6,663	483	129	354
Environmental health .....	365	150	215	527	189	338	80	35	45
Health/medical physics .....	32	14	18	100	60	40	38	22	16
Occupational health and industrial hygiene .....	192	133	59	107	63	44	3	1	2
Public health education and promotion .....	2,857	626	2,231	825	122	703	85	14	71
Community health and preventive medicine .....	1,531	276	1,255	206	41	165	19	6	13
Maternal and child health .....	22	0	22	115	7	108	18	3	15
International public health/international health .....	83	15	68	518	123	395	19	7	12
Health services administration .....	929	134	795	766	286	480	11	3	8
Behavioral aspects of health .....	170	48	122	70	15	55	42	3	39
Public health, other .....	1,299	352	947	712	180	532	85	24	61
Art therapy/therapist .....	205	8	197	547	23	524	5	1	4
Dance therapy/therapist .....	1	0	1	36	0	36	0	0	0
Music therapy/therapist .....	353	63	290	137	33	104	2	1	1
Occupational therapy/therapist .....	864	84	780	6,175	715	5,460	455	57	398
Orthotist/prosthetist .....	13	9	4	202	95	107	0	0	0
Physical therapy/therapist .....	378	133	245	95	32	63	11,115	3,911	7,204
Therapeutic recreation/recreational therapy .....	765	92	673	56	14	42	0	0	0
Vocational rehabilitation counseling/counselor .....	405	69	336	827	181	646	27	9	18
Kinesiotherapy/kinesiotherapist .....	50	16	34	25	11	14	0	0	0
Assistive/augmentative technology and rehabilitation engineering .....	0	0	0	34	2	32	0	0	0
Animal-assisted therapy .....	25	1	24	6	0	6	0	0	0
Rehabilitation science .....	783	134	649	151	49	102	47	22	25
Rehabilitation and therapeutic professions, other .....	833	184	649	318	71	247	38	10	28
Veterinary medicine .....	0	0	0	0	0	0	2,859	573	2,286
Veterinary sciences/veterinary clinical sciences, general .....	22	7	15	189	57	132	166	39	127
Veterinary physiology .....	0	0	0	0	0	0	6	5	1
Veterinary microbiology and immunobiology .....	27	12	15	3	1	2	3	2	1
Veterinary pathology and pathobiology .....	0	0	0	12	6	6	41	23	18
Large animal/food animal/equine surgery and medicine .....	0	0	0	2	0	2	0	0	0
Small/companion animal surgery and medicine .....	0	0	0	2	1	1	0	0	0
Comparative and laboratory animal medicine .....	0	0	0	37	7	30	1	1	0
Veterinary preventive medicine epidemiology/public health .....	0	0	0	7	2	5	0	0	0
Veterinary infectious diseases .....	0	0	0	0	0	0	7	1	6
Medical illustration/medical illustrator .....	51	11	40	28	4	24	0	0	0
Medical informatics .....	198	65	133	666	300	366	61	36	25
Medical illustration and informatics, other .....	0	0	0	2	1	1	0	0	0
Dietetics/dietitian .....	3,452	459	2,993	472	32	440	5	2	3
Clinical nutrition/nutritionist .....	170	28	142	452	78	374	6	0	6
Dietetic technician .....	0	0	0	0	0	0	0	0	0
Dietetics and clinical nutrition services, other .....	367	58	309	88	5	83	0	0	0
Bioethics/medical ethics .....	18	1	17	279	89	190	37	13	24
Alternative and complementary medicine and medical systems, general .....	0	0	0	57	4	53	10	6	4
Acupuncture and oriental medicine .....	53	13	40	1,376	401	975	185	55	130
Traditional Chinese medicine and Chinese herbology .....	0	0	0	181	43	138	9	3	6
Naturopathic medicine/naturopathy .....	0	0	0	0	0	0	381	93	288

See notes at end of table.

**Table 318.30. Bachelor's, master's, and doctor's degrees conferred by postsecondary institutions, by sex of student and discipline division: 2015–16—Continued**

Discipline division	Bachelor's degrees			Master's degrees			Doctor's degrees <sup>1</sup>		
	Total	Males	Females	Total	Males	Females	Total	Males	Females
1	2	3	4	5	6	7	8	9	10
Ayurvedic medicine/Ayurveda.....	0	0	0	6	1	5	0	0	0
Holistic health .....	208	42	166	40	3	37	0	0	0
Alternative and complementary medicine and medical systems, other .....	155	28	127	17	0	17	0	0	0
Direct entry midwifery .....	17	0	17	23	0	23	0	0	0
Alternative and complementary medical support services, other .....	0	0	0	30	3	27	0	0	0
Massage therapy/therapeutic massage .....	18	6	12	0	0	0	0	0	0
Asian bodywork therapy .....	0	0	0	0	0	0	0	0	0
Somatic bodywork and related therapeutic services, other .....	1	0	1	0	0	0	0	0	0
Movement therapy and movement education .....	46	18	28	29	0	29	4	1	3
Yoga teacher training/Yoga therapy .....	0	0	0	51	5	46	0	0	0
Herbalism/herbalist .....	10	1	9	16	3	13	0	0	0
Energy and biologically based therapies, other .....	0	0	0	0	0	0	0	0	0
Registered nursing/registered nurse.....	128,702	15,812	112,890	15,210	1,716	13,494	909	95	814
Nursing administration.....	707	58	649	5,238	571	4,667	298	38	260
Adult health nurse/nursing .....	480	58	422	1,531	185	1,346	39	9	30
Nurse anesthetist.....	0	0	0	1,549	631	918	249	96	153
Family practice nurse/nursing .....	401	55	346	9,550	1,099	8,451	320	33	287
Maternal/child health and neonatal nurse/nursing.....	0	0	0	219	10	209	2	0	2
Nurse midwife/nursing midwifery .....	0	0	0	341	2	339	5	0	5
Nursing science .....	1,205	119	1,086	2,080	209	1,871	719	63	656
Pediatric nurse/nursing .....	0	0	0	336	11	325	14	0	14
Psychiatric/mental health nurse/nursing.....	0	0	0	290	71	219	24	3	21
Public health/community nurse/nursing .....	87	7	80	226	22	204	1	0	1
Perioperative/operating room and surgical nurse/nursing .....	0	0	0	137	20	117	0	0	0
Clinical nurse specialist .....	2	0	2	415	35	380	24	3	21
Critical care nursing.....	0	0	0	272	54	218	4	1	3
Occupational and environmental health nursing.....	0	0	0	22	2	20	5	0	5
Emergency room/trauma nursing .....	0	0	0	20	5	15	0	0	0
Nursing education.....	2	0	2	1,737	115	1,622	92	5	87
Nursing practice.....	972	109	863	285	33	252	2,653	276	2,377
Palliative care nursing.....	9	1	8	7	0	7	1	0	1
Clinical nurse leader .....	21	1	20	328	47	281	1	1	0
Geriatric nurse/nursing .....	0	0	0	287	31	256	12	2	10
Women's health nurse/nursing .....	0	0	0	141	1	140	0	0	0
Reg. nursing, nursing admin., nursing research and clinical nursing, other .....	1,986	234	1,752	1,442	170	1,272	271	32	239
Licensed practical/vocational nurse training .....	23	2	21	0	0	0	0	0	0
Practical nursing, vocational nursing and nursing assistants, other .....	5	2	3	0	0	0	0	0	0
Health professions and related clinical sciences, other .....	4,978	1,224	3,754	809	260	549	119	39	80
Homeland security, law enforcement, firefighting and related prot. services .....	61,157	32,598	28,559	9,756	4,896	4,860	205	108	97
Corrections .....	540	235	305	13	4	9	0	0	0
Criminal justice/law enforcement administration.....	17,702	9,323	8,379	2,995	1,400	1,595	38	16	22
Criminal justice/safety studies .....	31,065	15,954	15,111	2,802	1,186	1,616	119	56	63
Forensic science and technology .....	1,380	369	1,011	561	106	455	0	0	0
Criminal justice/police science .....	3,356	1,861	1,495	51	20	31	4	2	2
Security and loss prevention services .....	29	21	8	27	15	12	0	0	0
Juvenile corrections.....	36	7	29	15	2	13	3	2	1
Criminology and criminal science.....	275	65	210	40	6	34	3	2	1
Securities services administration/management .....	834	488	346	222	176	46	0	0	0
Corrections administration.....	74	40	34	17	7	10	0	0	0
Law enforcement investigation and interviewing .....	0	0	0	0	0	0	0	0	0
Cyber/computer forensics and counterterrorism .....	208	159	49	281	190	91	0	0	0
Financial forensics and fraud investigation .....	28	10	18	131	53	78	0	0	0
Law enforcement intelligence analysis .....	14	4	10	6	2	4	0	0	0
Critical incident response/special police operations.....	0	0	0	0	0	0	0	0	0
Protective services operations.....	1	1	0	0	0	0	0	0	0
Corrections and criminal justice, other .....	1,283	571	712	301	136	165	0	0	0
Fire prevention and safety technology/technician.....	225	209	16	10	7	3	0	0	0
Fire services administration.....	761	722	39	100	60	40	3	2	1
Fire science/firefighting.....	417	382	35	0	0	0	0	0	0
Fire/arson investigation and prevention .....	36	29	7	0	0	0	0	0	0
Fire protection, other .....	48	41	7	21	21	0	0	0	0
Homeland security .....	828	675	153	532	358	174	0	0	0
Crisis/emergency/disaster management .....	844	639	205	594	414	180	13	10	3
Critical infrastructure protection.....	93	64	29	194	139	55	0	0	0
Terrorism and counterterrorism operations.....	0	0	0	14	10	4	0	0	0
Homeland security, other.....	78	60	18	19	14	5	0	0	0
Homeland sec., law enforcement, firefighting and related prot. serv., other.....	1,002	669	333	810	570	240	22	18	4
Legal professions and studies .....	4,243	1,297	2,946	8,178	3,817	4,361	37,030	19,074	17,956
Pre-law studies.....	266	117	149	14	7	7	0	0	0
Legal studies, general.....	1,772	631	1,141	347	115	232	6	2	4
Law .....	0	0	0	0	0	0	36,798	18,935	17,863
Advanced legal research/studies, general.....	100	49	51	1,976	911	1,065	88	59	29
Programs for foreign lawyers .....	0	0	0	1,277	629	648	8	3	5
American/U.S. law/legal studies/jurisprudence.....	58	18	40	371	165	206	12	6	6
Banking, corporate, finance, and securities law .....	0	0	0	277	142	135	0	0	0
Comparative law .....	0	0	0	56	36	20	0	0	0
Energy, environment, and natural resources law .....	1	1	0	126	57	69	2	2	0
Health law .....	0	0	0	214	40	174	4	2	2
International law and legal studies .....	3	1	2	522	215	307	6	4	2
International business, trade, and tax law .....	0	0	0	278	154	124	0	0	0

See notes at end of table.

**Table 318.30. Bachelor's, master's, and doctor's degrees conferred by postsecondary institutions, by sex of student and discipline division: 2015–16—Continued**

Discipline division	Bachelor's degrees			Master's degrees			Doctor's degrees <sup>1</sup>		
	Total	Males	Females	Total	Males	Females	Total	Males	Females
1	2	3	4	5	6	7	8	9	10
Tax law/taxation.....	0	0	0	809	485	324	0	0	0
Intellectual property law.....	0	0	0	147	72	75	0	0	0
Legal research and advanced professional studies, other.....	0	0	0	826	434	392	9	6	3
Legal administrative assistant/secretary.....	2	0	2	4	4	0	0	0	0
Legal assistant/paralegal.....	1,686	344	1,342	66	12	54	0	0	0
Court reporting/court reporter.....	7	0	7	0	0	0	0	0	0
Legal support services, other.....	0	0	0	15	3	12	0	0	0
Legal professions and studies, other.....	348	136	212	853	336	517	97	55	42
Liberal arts and sciences, general studies and humanities.....	43,661	16,145	27,516	2,599	1,012	1,587	105	44	61
Liberal arts and sciences/liberal studies.....	23,977	8,106	15,871	1,650	666	984	19	10	9
General studies.....	13,724	5,797	7,927	143	42	101	2	2	0
Humanities/humanistic studies.....	1,983	639	1,344	535	198	337	83	31	52
Liberal arts and sciences, general studies and humanities, other.....	3,977	1,603	2,374	271	106	165	1	1	0
Library science.....	85	6	79	4,926	907	4,019	54	22	32
Library and information science.....	85	6	79	4,678	863	3,815	54	22	32
Children and youth library services.....	0	0	0	16	2	14	0	0	0
Archives/archival administration.....	0	0	0	117	25	92	0	0	0
Library science, other.....	0	0	0	115	17	98	0	0	0
Mathematics and statistics.....	22,777	13,088	9,689	8,446	4,920	3,526	1,850	1,322	528
Mathematics, general.....	17,307	9,827	7,480	2,882	1,771	1,111	1,147	879	268
Analysis and functional analysis.....	2	1	1	0	0	0	0	0	0
Topology and foundations.....	0	0	0	0	0	0	0	0	0
Mathematics, other.....	312	154	158	40	20	20	9	8	1
Applied mathematics, general.....	2,068	1,314	754	968	654	314	216	144	72
Computational mathematics.....	161	121	40	14	12	2	20	16	4
Computational and applied mathematics.....	137	80	57	113	81	32	25	19	6
Financial mathematics.....	205	120	85	1,141	667	474	2	1	1
Mathematical biology.....	21	7	14	0	0	0	0	0	0
Applied mathematics, other.....	187	108	79	21	10	11	13	7	6
Statistics, general.....	1,749	976	773	3,011	1,554	1,457	381	226	155
Mathematical statistics and probability.....	210	129	81	126	77	49	20	14	6
Mathematics and statistics.....	73	48	25	60	34	26	0	0	0
Statistics, other.....	91	60	31	38	20	18	0	0	0
Mathematics and statistics, other.....	254	143	111	32	20	12	17	8	9
Military technologies and applied sciences.....	358	290	68	152	116	36	0	0	0
Intelligence, general.....	191	154	37	56	36	20	0	0	0
Strategic intelligence.....	1	1	0	34	30	4	0	0	0
Cyber/electronic operations and warfare.....	32	26	6	61	49	12	0	0	0
Intelligence, command control and information operations, other.....	0	0	0	0	0	0	0	0	0
Military applied sciences, other.....	67	64	3	0	0	0	0	0	0
Air and space operations technology.....	11	5	6	0	0	0	0	0	0
Military technologies and applied sciences, other.....	56	40	16	1	1	0	0	0	0
Multi/interdisciplinary studies.....	48,794	16,247	32,547	8,571	3,223	5,348	849	362	487
Multi/interdisciplinary studies, general.....	4,165	1,664	2,501	110	42	68	3	0	3
Biological and physical sciences.....	2,113	874	1,239	541	235	306	71	31	40
Peace studies and conflict resolution.....	431	131	300	598	205	393	54	23	31
Systems science and theory.....	328	195	133	239	122	117	25	15	10
Mathematics and computer science.....	291	205	86	68	46	22	32	25	7
Biopsychology.....	170	46	124	2	1	1	7	1	6
Gerontology.....	358	40	318	428	37	391	24	4	20
Historic preservation and conservation.....	104	29	75	192	50	142	1	1	0
Cultural resource management and policy analysis.....	0	0	0	29	8	21	0	0	0
Historic preservation and conservation, other.....	5	2	3	9	3	6	0	0	0
Medieval and renaissance studies.....	24	8	16	18	11	7	7	3	4
Museology/museum studies.....	40	8	32	495	72	423	0	0	0
Science, technology and society.....	733	382	351	113	42	71	32	20	12
Accounting and computer science.....	3	0	3	5	2	3	0	0	0
Behavioral sciences.....	4,653	907	3,746	99	15	84	12	4	8
Natural sciences.....	614	230	384	72	37	35	12	8	4
Nutrition sciences.....	2,211	341	1,870	842	111	731	126	32	94
International/global studies.....	5,413	2,034	3,379	1,116	635	481	2	0	2
Holocaust and related studies.....	9	2	7	29	8	21	0	0	0
Ancient studies/civilization.....	86	33	53	8	6	2	12	5	7
Classical, ancient Mediterranean/Near Eastern studies/archaeology.....	93	30	63	6	4	2	9	3	6
Intercultural/multicultural and diversity studies.....	161	45	116	139	48	91	7	3	4
Cognitive science.....	1,051	407	644	101	40	61	52	28	24
Cultural studies/critical theory and analysis.....	174	58	116	45	16	29	8	4	4
Human biology.....	838	246	592	0	0	0	0	0	0
Dispute resolution.....	0	0	0	288	110	178	0	0	0
Maritime studies.....	14	5	9	0	0	0	0	0	0
Computational science.....	18	15	3	167	113	54	9	5	4
Human computer interaction.....	84	55	29	220	114	106	6	5	1
Marine sciences.....	110	36	74	61	20	41	21	10	11
Sustainability studies.....	490	230	260	394	168	226	7	3	4
Multi/interdisciplinary studies, other.....	24,010	7,989	16,021	2,137	902	1,235	310	129	181
Parks, recreation, leisure, and fitness studies.....	50,918	26,709	24,209	8,244	4,721	3,523	331	187	144
Parks, recreation and leisure studies.....	3,131	1,443	1,688	162	66	96	28	11	17
Parks, recreation and leisure facilities management.....	3,076	1,499	1,577	430	231	199	23	12	11
Golf course operation and grounds management.....	7	5	2	0	0	0	0	0	0
Parks, recreation and leisure facilities management, other.....	19	18	1	0	0	0	0	0	0

See notes at end of table.

**Table 318.30. Bachelor's, master's, and doctor's degrees conferred by postsecondary institutions, by sex of student and discipline division: 2015–16—Continued**

Discipline division	Bachelor's degrees			Master's degrees			Doctor's degrees <sup>1</sup>		
	Total	Males	Females	Total	Males	Females	Total	Males	Females
1	2	3	4	5	6	7	8	9	10
Health and physical education/fitness, general .....	9,965	5,016	4,949	1,100	621	479	29	12	17
Sport and fitness administration/management .....	9,438	6,866	2,572	3,882	2,435	1,447	31	22	9
Kinesiology and exercise science .....	23,676	10,924	12,752	2,447	1,259	1,188	192	121	71
Physical fitness technician .....	71	40	31	0	0	0	0	0	0
Sports studies .....	207	158	49	113	62	51	0	0	0
Health and physical education/fitness, other .....	1,071	565	506	60	19	41	22	7	15
Outdoor education .....	118	88	30	33	14	19	0	0	0
Parks, recreation, leisure, and fitness studies, other .....	139	87	52	17	14	3	6	2	4
Philosophy and religious studies .....	10,157	6,372	3,785	1,756	1,129	627	746	466	280
Philosophy and religious studies, general .....	95	64	31	4	2	2	19	9	10
Philosophy .....	5,626	3,851	1,775	764	571	193	434	289	145
Logic .....	5	2	3	7	7	0	3	2	1
Ethics .....	77	24	53	36	13	23	2	2	0
Applied and professional ethics .....	23	16	7	19	8	11	0	0	0
Philosophy, other .....	202	132	70	1	0	1	2	2	0
Religion/religious studies .....	3,258	1,786	1,472	514	262	252	249	143	106
Buddhist studies .....	0	0	0	0	0	0	1	0	1
Christian studies .....	374	248	126	182	120	62	0	0	0
Hindu studies .....	0	0	0	1	0	1	0	0	0
Islamic studies .....	6	3	3	18	12	6	0	0	0
Jewish/Judaic studies .....	203	63	140	92	49	43	15	7	8
Religion/religious studies, other .....	79	40	39	29	18	11	9	6	3
Philosophy and religious studies, other .....	209	143	66	89	67	22	12	6	6
Physical sciences and science technologies .....	30,477	18,666	11,811	7,122	4,427	2,695	6,016	4,076	1,940
Physical sciences .....	29,996	18,389	11,607	7,039	4,395	2,644	6,014	4,074	1,940
Physical sciences .....	301	165	136	49	30	19	29	20	9
Astronomy .....	243	172	71	85	56	29	101	63	38
Astrophysics .....	171	118	53	26	12	14	46	35	11
Planetary astronomy and science .....	4	2	2	17	6	11	10	5	5
Astronomy and astrophysics, other .....	35	21	14	12	9	3	12	7	5
Atmospheric sciences and meteorology, general .....	501	334	167	194	126	68	127	80	47
Atmospheric chemistry and climatology .....	3	2	1	0	0	0	0	0	0
Atmospheric physics and dynamics .....	0	0	0	0	0	0	2	0	2
Meteorology .....	186	126	60	24	16	8	12	11	1
Atmospheric sciences and meteorology, other .....	24	16	8	2	2	0	1	0	1
Chemistry, general .....	13,855	7,214	6,641	2,327	1,278	1,049	2,774	1,718	1,056
Analytical chemistry .....	3	1	2	23	7	16	7	4	3
Inorganic chemistry .....	0	0	0	1	1	0	3	1	2
Organic chemistry .....	0	0	0	2	1	1	3	1	2
Physical chemistry .....	0	0	0	2	1	1	1	1	0
Polymer chemistry .....	6	5	1	51	33	18	38	28	10
Chemical physics .....	30	23	7	14	11	3	18	16	2
Environmental chemistry .....	13	4	9	3	2	1	7	4	3
Forensic chemistry .....	110	25	85	0	0	0	0	0	0
Theoretical chemistry .....	10	8	2	0	0	0	0	0	0
Chemistry, other .....	450	203	247	32	13	19	26	17	9
Geology/earth science, general .....	5,526	3,438	2,088	1,400	796	604	486	271	215
Geochemistry .....	20	8	12	6	3	3	7	4	3
Geophysics and seismology .....	184	126	58	113	75	38	67	52	15
Paleontology .....	7	5	2	6	1	5	0	0	0
Hydrology and water resources science .....	44	23	21	82	41	41	19	14	5
Geochemistry and petrology .....	0	0	0	0	0	0	0	0	0
Oceanography, chemical and physical .....	233	101	132	153	70	83	139	69	70
Geological and earth sciences/geosciences, other .....	537	303	234	151	80	71	52	38	14
Physics, general .....	6,652	5,368	1,284	1,670	1,296	374	1,672	1,360	312
Atomic/molecular physics .....	3	3	0	21	13	8	7	4	3
Elementary particle physics .....	0	0	0	5	3	2	1	1	0
Nuclear physics .....	0	0	0	0	0	0	2	2	0
Optics/optical sciences .....	28	20	8	121	97	24	62	46	16
Condensed matter and materials physics .....	0	0	0	2	1	1	5	4	1
Acoustics .....	8	7	1	17	17	0	3	3	0
Theoretical and mathematical physics .....	16	12	4	0	0	0	0	0	0
Physics, other .....	242	199	43	113	91	22	81	59	22
Materials science .....	202	131	71	240	172	68	149	106	43
Materials chemistry .....	3	1	2	10	7	3	10	9	1
Materials sciences, other .....	0	0	0	2	2	0	4	2	2
Physical sciences, other .....	346	205	141	63	26	37	31	19	12
Science technologies/technicians .....	481	277	204	83	32	51	2	2	0
Science technologies/technicians, general .....	42	38	4	0	0	0	0	0	0
Biology technician/biotechnology laboratory technician .....	39	16	23	0	0	0	2	2	0
Nuclear/nuclear power technology/technician .....	10	9	1	4	1	3	0	0	0
Nuclear and industrial radiologic technologies/technicians, other .....	0	0	0	0	0	0	0	0	0
Chemical technology/technician .....	1	1	0	3	0	3	0	0	0
Physical science technologies/technicians, other .....	0	0	0	0	0	0	0	0	0
Science technologies/technicians, other .....	389	213	176	76	31	45	0	0	0
Precision production .....	50	28	22	10	6	4	0	0	0
Tool and die technology/technician .....	0	0	0	0	0	0	0	0	0
Welding technology/welder .....	5	5	0	0	0	0	0	0	0
Furniture design and manufacturing .....	45	23	22	10	6	4	0	0	0

See notes at end of table.

**Table 318.30. Bachelor's, master's, and doctor's degrees conferred by postsecondary institutions, by sex of student and discipline division: 2015–16—Continued**

Discipline division	Bachelor's degrees			Master's degrees			Doctor's degrees <sup>1</sup>		
	Total	Males	Females	Total	Males	Females	Total	Males	Females
1	2	3	4	5	6	7	8	9	10
Psychology .....	117,440	26,279	91,161	27,645	5,571	22,074	6,532	1,658	4,874
Psychology, general.....	107,608	24,029	83,579	6,590	1,669	4,921	1,689	511	1,178
Cognitive psychology and psycholinguistics.....	94	21	73	33	7	26	26	8	18
Comparative psychology .....	0	0	0	17	5	12	0	0	0
Developmental and child psychology .....	611	60	551	309	17	292	55	9	46
Experimental psychology.....	1,480	420	1,060	244	92	152	130	49	81
Personality psychology.....	12	1	11	2	1	1	4	0	4
Physiological psychology/psychobiology.....	1,215	388	827	44	11	33	9	2	7
Social psychology.....	1,084	258	826	36	10	26	51	20	31
Psychometrics and quantitative psychology.....	0	0	0	13	1	12	9	4	5
Psychopharmacology.....	0	0	0	10	2	8	0	0	0
Research and experimental psychology, other.....	1,863	430	1,433	37	11	26	94	34	60
Clinical psychology.....	193	44	149	2,481	551	1,930	2,514	585	1,929
Community psychology.....	449	81	368	216	37	179	31	12	19
Counseling psychology.....	577	98	479	9,118	1,558	7,560	506	120	386
Industrial and organizational psychology.....	219	64	155	1,251	396	855	175	59	116
School psychology.....	8	1	7	1,848	230	1,618	356	66	290
Educational psychology.....	107	14	93	1,248	240	1,008	372	81	291
Clinical child psychology.....	0	0	0	20	2	18	33	3	30
Environmental psychology.....	26	16	10	12	2	10	2	1	1
Geropsychology.....	0	0	0	1	0	1	0	0	0
Health/medical psychology.....	63	13	50	2	0	2	26	7	19
Family psychology.....	10	3	7	50	12	38	1	0	1
Forensic psychology.....	596	110	486	848	138	710	128	17	111
Applied psychology.....	740	137	603	230	67	163	17	4	13
Applied behavior analysis.....	136	30	106	800	88	712	83	18	65
Clinical, counseling and applied psychology, other.....	38	13	25	233	46	187	49	9	40
Psychology, other.....	311	48	263	1,952	378	1,574	172	39	133
Public administration and social service professions.....	34,432	6,025	28,407	46,751	11,181	35,570	1,065	354	711
Human services, general.....	6,695	951	5,744	3,173	586	2,587	66	14	52
Community organization and advocacy.....	1,745	385	1,360	553	164	389	3	2	1
Public administration.....	3,157	1,510	1,647	12,670	5,254	7,416	240	117	123
Public policy analysis, general.....	1,476	658	818	2,708	1,249	1,459	247	105	142
Education policy analysis.....	1	0	1	19	4	15	20	4	16
Health policy analysis.....	91	9	82	65	28	37	11	3	8
International policy analysis.....	10	0	10	27	18	9	1	1	0
Public policy analysis, other.....	0	0	0	71	26	45	9	2	7
Social work.....	20,769	2,408	18,361	26,976	3,718	23,258	385	89	296
Youth services/administration.....	115	15	100	30	2	28	0	0	0
Social work, other.....	61	7	54	168	27	141	0	0	0
Public administration and social service professions, other.....	312	82	230	291	105	186	83	17	66
Social sciences and history.....	161,230	81,300	79,930	19,828	9,990	9,838	4,667	2,571	2,096
Social sciences.....	135,633	66,013	69,620	16,373	8,088	8,285	3,696	2,043	1,653
Social sciences, general.....	6,828	2,632	4,196	575	172	403	20	11	9
Research methodology and quantitative methods.....	7	4	3	18	8	10	2	1	1
Anthropology.....	8,931	2,402	6,529	1,099	374	725	564	236	328
Physical and biological anthropology.....	29	7	22	11	2	9	4	2	2
Medical anthropology.....	51	13	38	0	0	0	0	0	0
Cultural anthropology.....	41	15	26	19	8	11	2	0	2
Anthropology, other.....	53	17	36	27	13	14	5	2	3
Archeology.....	195	47	148	48	21	27	16	8	8
Criminology.....	7,301	3,440	3,861	682	265	417	56	27	29
Demography and population studies.....	0	0	0	48	21	27	19	11	8
Economics, general.....	31,406	21,585	9,821	2,633	1,664	969	1,050	704	346
Applied economics.....	395	262	133	322	204	118	37	19	18
Econometrics and quantitative economics.....	832	568	264	319	181	138	24	16	8
Development economics and international development.....	215	65	150	399	131	268	20	9	11
International economics.....	243	114	129	163	89	74	14	12	2
Economics, other.....	384	247	137	97	52	45	11	3	8
Geography.....	4,003	2,486	1,517	740	424	316	253	147	106
Geographic information science and cartography.....	367	275	92	468	288	180	5	4	1
Geography, other.....	197	116	81	16	11	5	6	3	3
International relations and affairs.....	8,810	3,505	5,305	4,029	1,969	2,060	70	44	26
National security policy studies.....	47	33	14	234	156	78	0	0	0
International relations and national security studies, other.....	107	58	49	132	90	42	0	0	0
Political science and government, general.....	32,907	17,988	14,919	1,706	989	717	777	470	307
American government and politics (United States).....	140	84	56	188	120	68	0	0	0
Political economy.....	208	112	96	0	0	0	0	0	0
Political science and government, other.....	703	349	354	86	45	41	4	3	1
Sociology.....	28,001	8,335	19,666	1,363	491	872	639	270	369
Urban studies/affairs.....	950	412	538	342	146	196	55	27	28
Sociology and anthropology.....	422	98	324	4	3	1	0	0	0
Rural sociology.....	26	6	20	0	0	0	0	0	0
Social sciences, other.....	1,834	738	1,096	605	151	454	43	14	29
History.....	25,597	15,287	10,310	3,455	1,902	1,553	971	528	443
History, general.....	24,960	14,920	10,040	3,078	1,671	1,407	922	505	417
American history (United States).....	50	37	13	42	23	19	2	2	0
European history.....	17	14	3	0	0	0	0	0	0
History and philosophy of science and technology.....	111	49	62	35	17	18	31	12	19
Public/applied history.....	41	23	18	67	19	48	4	3	1

See notes at end of table.

**Table 318.30. Bachelor's, master's, and doctor's degrees conferred by postsecondary institutions, by sex of student and discipline division: 2015–16—Continued**

Discipline division	Bachelor's degrees			Master's degrees			Doctor's degrees <sup>1</sup>		
	Total	Males	Females	Total	Males	Females	Total	Males	Females
1	2	3	4	5	6	7	8	9	10
Asian history.....	3	2	1	0	0	0	0	0	0
Military history.....	71	62	9	148	113	35	0	0	0
History, other.....	344	180	164	85	59	26	12	6	6
Theology and religious vocations.....	9,804	6,749	3,055	14,352	9,367	4,985	1,808	1,311	497
Bible/biblical studies.....	2,372	1,574	798	541	408	133	24	20	4
Missions/missionary studies and missiology.....	478	198	280	290	188	102	83	67	16
Religious education.....	907	453	454	602	260	342	61	32	29
Religious/sacred music.....	324	183	141	100	56	44	2	2	0
Theology/theological studies.....	1,010	665	345	4,245	2,870	1,375	491	372	119
Divinity/ministry.....	338	243	95	5,487	3,701	1,786	359	247	112
Pre-theology/pre-ministerial studies.....	184	148	36	4	3	1	0	0	0
Rabbinical studies.....	4	4	0	92	65	27	12	12	0
Talmudic studies.....	1,978	1,978	0	471	467	4	33	33	0
Theological and ministerial studies, other.....	333	199	134	682	426	256	307	242	65
Pastoral studies/counseling.....	540	346	194	659	260	399	137	92	45
Youth ministry.....	547	345	202	41	20	21	0	0	0
Urban ministry.....	12	6	6	36	23	13	21	10	11
Women's ministry.....	0	0	0	0	0	0	0	0	0
Lay ministry.....	158	81	77	119	56	63	0	0	0
Pastoral counseling and specialized ministries, other.....	151	65	86	215	92	123	19	16	3
Theology and religious vocations, other.....	468	261	207	768	472	296	259	166	93
Transportation and materials moving.....	4,529	3,976	553	911	725	186	8	5	3
Aeronautics/aviation/aerospace science and technology, general.....	2,192	1,952	240	605	502	103	8	5	3
Airline/commercial/professional pilot and flight crew.....	894	808	86	0	0	0	0	0	0
Aviation/airway management and operations.....	717	586	131	255	187	68	0	0	0
Air traffic controller.....	130	103	27	0	0	0	0	0	0
Flight instructor.....	5	5	0	0	0	0	0	0	0
Air transportation, other.....	18	16	2	50	35	15	0	0	0
Marine science/merchant marine officer.....	568	503	65	0	0	0	0	0	0
Transportation and materials moving, other.....	5	3	2	1	1	0	0	0	0
Visual and performing arts.....	92,979	36,710	56,269	18,048	7,677	10,371	1,808	857	951
Visual and performing arts, general.....	1,681	588	1,093	166	60	106	11	5	6
Digital arts.....	929	523	406	0	264	138	0	0	0
Crafts/craft design, folk art and artisanry.....	125	33	92	11	6	5	0	0	0
Dance, general.....	2,282	267	2,015	223	51	172	2	1	1
Ballet.....	44	10	34	0	0	0	0	0	0
Dance, other.....	29	4	25	0	0	0	3	0	3
Design and visual communications, general.....	2,738	911	1,827	368	135	233	4	2	2
Commercial and advertising art.....	1,344	495	849	100	41	59	0	0	0
Industrial and product design.....	1,579	941	638	216	107	109	0	0	0
Commercial photography.....	427	135	292	18	6	12	0	0	0
Fashion/apparel design.....	2,127	200	1,927	185	20	165	1	0	1
Interior design.....	2,733	283	2,450	437	69	368	0	0	0
Graphic design.....	5,702	2,098	3,604	257	77	180	0	0	0
Illustration.....	1,918	580	1,338	179	59	120	0	0	0
Game and interactive media design.....	1,551	1,228	323	157	108	49	3	1	2
Design and applied arts, other.....	622	231	391	281	112	169	6	0	6
Drama and dramatics/theatre arts, general.....	8,574	3,129	5,445	935	386	549	76	34	42
Technical theatre/theatre design and technology.....	659	310	349	160	60	100	0	0	0
Playwriting and screenwriting.....	271	136	135	274	149	125	0	0	0
Theatre literature, history and criticism.....	40	14	26	9	7	2	2	1	1
Acting.....	833	322	511	217	105	112	0	0	0
Directing and theatrical production.....	95	36	59	87	34	53	0	0	0
Musical theatre.....	566	220	346	13	7	6	0	0	0
Costume design.....	12	1	11	4	0	4	0	0	0
Dramatic/theatre arts and stagecraft, other.....	348	134	214	50	17	33	2	1	1
Film/cinema/video studies.....	3,251	1,811	1,440	397	205	192	31	19	12
Cinematography and film/video production.....	4,637	2,969	1,668	1,018	562	456	12	4	8
Photography.....	1,513	431	1,082	268	111	157	0	0	0
Documentary production.....	21	6	15	25	10	15	0	0	0
Film/video and photographic arts, other.....	791	421	370	59	22	37	2	1	1
Art/art studies, general.....	11,256	3,406	7,850	771	296	475	6	0	6
Fine/studio arts, general.....	9,845	3,067	6,778	1,409	531	878	0	0	0
Art history, criticism and conservation.....	2,599	346	2,253	884	129	755	271	65	206
Drawing.....	279	80	199	23	8	15	0	0	0
Intermedia/multimedia.....	1,193	668	525	44	14	30	0	0	0
Painting.....	614	198	416	142	61	81	0	0	0
Sculpture.....	255	98	157	49	27	22	0	0	0
Printmaking.....	135	35	100	43	13	30	0	0	0
Ceramic arts and ceramics.....	175	40	135	48	18	30	0	0	0
Fiber, textile and weaving arts.....	190	20	170	36	6	30	1	0	1
Metal and jewelry arts.....	113	17	96	39	6	33	0	0	0
Fine arts and art studies, other.....	643	199	444	317	115	202	6	5	1
Music, general.....	7,371	4,021	3,350	1,889	955	934	556	302	254
Music history, literature, and theory.....	102	48	54	41	22	19	11	2	9
Music performance, general.....	4,278	2,341	1,937	2,349	1,232	1,117	448	215	233
Music theory and composition.....	891	703	188	314	204	110	68	51	17
Musicology and ethnomusicology.....	50	28	22	52	26	26	50	26	24
Conducting.....	3	2	1	180	132	48	42	28	14
Keyboard instruments.....	145	60	85	190	74	116	57	22	35

See notes at end of table.

**Table 318.30. Bachelor's, master's, and doctor's degrees conferred by postsecondary institutions, by sex of student and discipline division: 2015–16—Continued**

Discipline division	Bachelor's degrees			Master's degrees			Doctor's degrees <sup>1</sup>		
	Total	Males	Females	Total	Males	Females	Total	Males	Females
1	2	3	4	5	6	7	8	9	10
Voice and opera .....	325	101	224	285	85	200	22	9	13
Jazz/jazz studies .....	341	290	51	174	136	38	11	9	2
Stringed instruments .....	173	79	94	224	98	126	21	12	9
Music pedagogy .....	69	24	45	54	19	35	11	8	3
Music technology .....	413	338	75	109	87	22	3	2	1
Brass instruments .....	29	25	4	56	42	14	4	2	2
Woodwind instruments .....	31	16	15	58	20	38	5	3	2
Percussion instruments .....	23	18	5	13	12	1	2	1	1
Music, other .....	619	384	235	248	127	121	31	17	14
Arts, entertainment, and media management, general .....	581	315	266	591	278	313	0	0	0
Fine and studio arts management .....	609	145	464	627	118	509	7	3	4
Music management .....	1,569	872	697	49	24	25	0	0	0
Theatre/theatre arts management .....	142	43	99	46	16	30	0	0	0
Arts, entertainment, and media management, other .....	45	23	22	6	1	5	0	0	0
Visual and performing arts, other .....	431	193	238	310	81	229	20	6	14
Not classified by field of study .....	0	0	0	0	0	0	0	0	0

<sup>1</sup>Includes Ph.D., Ed.D., and comparable degrees at the doctoral level. Includes most degrees formerly classified as first-professional, such as M.D., D.D.S., and law degrees.

NOTE: Data are for postsecondary institutions participating in Title IV federal financial aid programs. Aggregations by field of study derived from the Classification of Instructional Programs developed by the National Center for Education Statistics.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), Fall 2016, Completions component. (This table was prepared August 2017.)

**Table 318.40. Degrees/certificates conferred by postsecondary institutions, by control of institution and level of degree/certificate: 1970–71 through 2015–16**

Year	Public institutions					Private institutions																		
	Public institutions					Total					Nonprofit					For-profit								
	Certificates below the associate's	Associate's degrees	Bachelor's degrees	Master's degrees	Doctor's degrees <sup>1</sup>	Certificates below the associate's	Associate's degrees	Bachelor's degrees	Master's degrees	Doctor's degrees <sup>1</sup>	Certificates below the associate's	Associate's degrees	Bachelor's degrees	Master's degrees	Doctor's degrees <sup>1</sup>	Certificates below the associate's	Associate's degrees	Bachelor's degrees	Master's degrees	Doctor's degrees <sup>1</sup>				
2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21					
1970–71.....	—	215,645	557,996	151,603	36,927	—	36,666	281,734	83,961	28,071	—	—	—	—	—	—	—	—	—	—				
1971–72.....	—	255,218	599,615	167,075	40,297	—	36,796	287,658	90,126	30,909	—	—	—	—	—	—	—	—	—	—				
1972–73.....	—	278,132	630,899	174,405	44,229	—	38,042	291,463	94,249	35,283	—	—	—	—	—	—	—	—	—	—				
1973–74.....	—	303,188	651,544	184,632	45,018	—	40,736	294,232	97,442	37,573	—	—	—	—	—	—	—	—	—	—				
1974–75.....	—	318,474	634,785	193,804	45,788	—	41,697	288,148	103,741	39,116	—	—	—	—	—	—	—	—	—	—				
1975–76.....	—	345,006	635,161	206,298	47,517	—	46,448	290,585	111,179	43,490	—	—	—	—	—	—	—	—	—	—				
1976–77.....	—	355,650	630,463	208,901	47,573	—	50,727	289,086	114,124	44,157	—	—	—	—	—	—	—	—	—	—				
1977–78.....	—	358,874	627,903	202,099	47,553	—	53,372	293,301	115,888	44,792	—	—	—	—	—	—	—	—	—	—				
1978–79.....	—	346,808	621,666	192,016	48,602	—	55,894	299,724	115,670	46,369	—	—	—	—	—	—	—	—	—	—				
1979–80.....	—	344,536	624,084	187,499	48,550	—	56,374	305,333	117,697	47,081	—	—	—	—	—	—	—	—	—	—				
1980–81.....	—	352,391	626,452	184,384	50,023	—	63,986 <sup>2</sup>	308,688	118,253	47,993	—	—	—	—	—	—	—	—	—	—				
1981–82.....	—	366,732	636,475	182,295	50,500	—	67,794 <sup>2</sup>	316,523	120,152	47,338	—	—	—	—	—	—	—	—	—	—				
1982–83.....	—	377,817	646,317	176,246	50,943	—	71,803 <sup>2</sup>	323,193	120,169	48,392	—	—	—	—	—	—	—	—	—	—				
1983–84.....	—	379,249	646,013	170,693	50,727	—	72,991	328,296	120,448	50,072	—	—	—	—	—	—	—	—	—	—				
1984–85.....	—	377,625	652,246	170,000	51,489	—	77,087	327,231	123,472	49,296	—	—	—	—	—	—	—	—	—	—				
1985–86.....	—	369,052	658,586	169,903	51,001	—	76,995	329,237	125,947	49,279	—	—	—	—	—	—	—	—	—	—				
1986–87.....	—	358,811	659,260	167,797	51,216	—	77,493	332,004	128,733	47,261	—	—	—	—	—	—	—	—	—	—				
1987–88.....	—	354,180	658,491	173,778	51,641	—	80,905	336,338	132,005	47,498	—	—	—	—	—	—	—	—	—	—				
1988–89.....	—	357,001	675,675	179,109	51,963	—	79,763	343,080	137,517	48,608	—	—	—	—	—	—	—	—	—	—				
1989–90.....	—	375,635	700,015	186,104	53,451	—	79,467	351,329	144,048	50,057	—	—	—	—	—	—	36,970	6,760	1,367	402				
1990–91.....	—	398,055	724,062	193,057	55,235	—	83,665	370,476	149,806	50,312	—	—	—	—	—	—	—	—	—	—				
1991–92.....	—	420,265	759,475	203,398	56,186	—	83,966	377,078	154,691	53,368	—	—	—	—	—	—	—	37,844	9,842	3,645	471			
1992–93.....	—	430,321	785,112	213,843	57,020	—	84,435	380,066	161,189	55,052	—	—	—	—	—	—	—	38,266	6,360	1,400	538			
1993–94.....	—	444,373	789,148	221,428	58,366	—	86,259	380,127	171,609	54,270	—	—	—	—	—	—	—	36,722	6,720	1,627	653			
1994–95.....	—	451,539	776,670	224,152	58,788	—	88,152	383,464	179,457	55,478	—	—	—	—	—	—	—	37,766	8,566	2,891	768			
1995–96.....	307,358	454,291	774,070	227,179	59,398	313,311	100,925	390,722	185,001	56,109	34,259	50,678	379,916	181,142	55,506	279,052	50,247	10,806	3,859	603				
1996–97.....	326,687	465,494	776,677	233,237	61,081	272,237	105,732	396,202	192,023	57,666	35,560	49,168	384,086	186,963	56,864	236,677	56,564	12,116	5,060	802				
1997–98.....	305,910	455,084	784,296	235,922	60,948	246,571	103,471	400,110	200,115	57,787	32,166	47,625	386,455	194,048	57,089	214,405	55,846	13,655	6,067	698				
1998–99.....	304,294	452,616	792,392	238,954	60,028	251,589	112,368	409,847	207,084	56,672	29,402	47,757	394,749	198,481	55,663	222,187	64,611	15,098	8,603	1,009				
1999–2000.....	294,912	448,446	810,855	243,157	60,655	263,217	116,487	427,020	220,028	58,081	28,580	46,337	406,958	209,720	56,972	234,637	70,150	20,062	10,308	1,109				
2000–01.....	309,624	456,487	812,438	246,054	60,820	242,879	122,378	431,733	227,448	58,765	29,336	45,711	408,701	215,815	57,722	213,543	76,667	23,032	11,633	1,043				
2001–02.....	319,291	471,660	841,180	249,820	61,061	264,957	123,473	450,720	237,493	58,602	32,904	45,761	424,322	223,229	57,707	232,053	77,712	26,398	14,264	895				
2002–03.....	355,727	498,279	875,596	265,643	61,611	290,698	135,737	473,215	253,056	59,968	36,926	46,183	442,060	238,069	58,894	253,772	89,554	31,155	14,987	1,074				
2003–04.....	364,053	524,875	905,718	285,138	64,205	323,734	140,426	493,824	279,134	61,882	35,316	45,759	451,518	250,894	60,447	288,418	94,667	42,306	28,240	1,435				
2004–05.....	370,683	547,519	932,443	291,505	67,511	340,190	149,141	506,821	288,646	66,876	35,968	45,344	457,963	253,564	65,278	304,222	103,797	48,858	35,082	1,598				
2005–06.....	371,211	557,134	955,369	293,517	70,036	344,190	155,932	529,873	306,214	68,200	35,888	46,442	467,836	261,090	66,066	308,302	109,490	62,037	45,124	1,954				
2006–07.....	389,640	566,535	975,513	291,971	73,085	339,397	161,579	548,579	318,626	71,605	34,195	43,829	477,805	267,690	69,239	305,202	117,750	70,774	50,936	2,366				
2007–08.....	399,081	578,520	996,435	299,983	75,533	350,802	171,644	566,634	330,683	73,845	34,084	44,788	490,685	275,829	70,679	316,718	126,856	75,949	54,854	3,166				
2008–09.....	428,849	596,391	1,020,521	308,215	77,270	375,771	190,852	580,878	353,867	77,294	31,939	46,930	496,353	290,401	73,583	343,832	143,922	84,525	63,466	3,711				
2009–10.....	472,428	640,265	1,049,179	322,389	78,805	463,291	208,591	600,740	370,924	79,785	35,652	46,673	503,264	300,053	75,172	427,639	161,918	97,476	70,871	4,613				
2010–11.....	519,711	696,884	1,088,722	339,420	82,013	510,766	246,622	627,331	391,502	81,814	36,534	51,967	512,821	313,317	76,595	474,232	194,655	114,510	78,185	5,219				
2011–12.....	525,264	756,484	1,131,885	349,349	84,730	463,797	265,234	660,278	406,618	85,487	32,856	54,347	526,022	325,175	79,498	430,941	210,887	134,256	81,443	5,989				
2012–13.....	545,446	772,978	1,163,616	346,751	86,411	421,768	234,449	676,765	404,967	88,615	30,913	55,651	535,958	327,013	81,543	390,855	178,798	140,807	77,954	7,072				
2013–14.....	576,468	794,925	1,186,742	346,238	88,911	392,810	210,230	683,408	408,344	88,676	30,738	53,127	544,253	333,539	80,894	362,072	157,103	139,155	74,805	7,782				
2014–15.....	602,904	822,218	1,209,464	351,216	90,252	358,242	192,123	685,505	407,588	88,296	46,090	58,613	553,543	336,181	80,093	312,152	133,510	131,962	71,407	8,203				
2015–16.....	615,044	848,168	1,240,405	364,526	89,786	324,199	160,146	680,313	421,069	88,081	40,051	56,593	560,752	350,721	80,044	284,148	103,553	119,561	70,348	8,037				

—Not available.

<sup>1</sup>Includes Ph.D., Ed.D., and comparable degrees at the doctoral level. Includes most degrees formerly classified as first-professional, such as M.D., D.D.S., and law degrees.

<sup>2</sup>Part of the increase is due to the addition of schools accredited by the Accrediting Commission of Career Schools and Colleges of Technology.

NOTE: Data through 1990–91 are for institutions of higher education, while later data are for postsecondary institutions that participate in Title IV federal financial aid programs. Data for associate's degrees and higher awards are for degree-granting institutions. Some data have been revised from previously published figures.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Higher Education General Information Survey (HEGIS), "Degrees and Other Formal Awards Conferred" surveys, 1970–71 through 1985–86; Integrated Postsecondary Education Data System (IPEDS), "Completions Survey" (IPEDS-C:87–99); and IPEDS Fall 2000 through Fall 2016, Completions component. (This table was prepared August 2017.)

**Table 318.50. Degrees conferred by postsecondary institutions, by control of institution, level of degree, and field of study: 2015–16**

Field of study	All institutions				Public institutions				Private nonprofit institutions				Private for-profit institutions			
	Associate's degrees	Bachelor's degrees	Master's degrees	Doctor's degrees <sup>1</sup>	Associate's degrees	Bachelor's degrees	Master's degrees	Doctor's degrees <sup>1</sup>	Associate's degrees	Bachelor's degrees	Master's degrees	Doctor's degrees <sup>1</sup>	Associate's degrees	Bachelor's degrees	Master's degrees	Doctor's degrees <sup>1</sup>
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
<b>All fields, total</b> .....	<b>1,008,314</b>	<b>1,920,718</b>	<b>785,595</b>	<b>177,867</b>	<b>848,168</b>	<b>1,240,405</b>	<b>364,526</b>	<b>89,786</b>	<b>56,593</b>	<b>560,752</b>	<b>350,721</b>	<b>80,044</b>	<b>103,553</b>	<b>119,561</b>	<b>70,348</b>	<b>8,037</b>
Agriculture and natural resources .....	7,858	37,005	6,681	1,508	7,491	30,826	5,292	1,418	366	5,408	1,269	90	1	771	120	0
Architecture and related services .....	478	8,823	7,986	236	448	6,135	4,860	178	30	2,602	3,029	58	0	86	97	0
Area, ethnic, cultural, gender, and group studies .....	419	7,840	1,766	316	401	5,235	1,009	197	18	2,605	757	119	0	0	0	0
Biological and biomedical sciences .....	5,266	113,749	15,714	7,914	5,160	78,064	9,061	5,216	95	35,495	6,653	2,698	11	190	0	0
Business .....	128,249	371,694	186,834	3,323	93,080	219,396	68,184	1,096	11,118	113,976	92,380	808	24,051	38,322	26,270	1,419
Communication, journalism, and related programs .....	6,759	92,554	9,676	629	6,554	66,728	3,995	533	111	24,924	5,375	96	94	902	306	0
Communications technologies .....	4,569	4,824	491	4	3,312	1,440	37	0	104	1,607	319	4	1,153	1,777	135	0
Computer and information sciences .....	30,569	64,405	40,128	1,979	23,242	38,951	22,417	1,278	1,733	16,544	15,214	603	5,594	8,910	2,497	98
Construction trades .....	4,699	225	0	0	3,876	225	0	0	172	0	0	0	651	0	0	0
Education .....	17,029	87,217	145,781	11,829	15,006	60,055	71,341	6,123	665	23,683	63,372	4,192	1,358	3,479	11,068	1,514
Engineering .....	5,285	106,850	51,621	10,209	5,168	83,463	34,514	7,405	26	23,223	16,980	2,804	91	164	127	0
Engineering technologies and engineering-related fields <sup>2</sup> ....	27,241	16,548	6,064	133	23,423	13,110	3,494	97	1,137	1,809	2,132	36	2,681	1,629	438	0
English language and literature/letters .....	2,551	42,795	8,577	1,392	2,402	29,185	5,132	1,028	10	12,836	3,337	364	139	774	108	0
Family and consumer sciences .....	8,930	25,389	3,228	374	8,327	20,445	2,098	295	353	4,362	880	44	250	582	250	35
Foreign languages, literatures, and linguistics .....	2,208	18,427	3,405	1,265	2,189	13,245	2,367	827	19	5,136	1,038	438	0	46	0	0
Health professions and related programs .....	191,460	228,896	110,348	73,682	126,617	126,288	44,733	36,482	20,020	71,960	48,921	35,051	44,823	30,648	16,694	2,149
Homeland security, law enforcement, and firefighting .....	39,927	61,157	9,756	205	31,378	36,588	3,872	120	2,066	14,365	3,662	18	6,483	10,204	2,222	67
Legal professions and studies .....	8,017	4,243	8,178	37,030	5,433	2,223	2,150	13,330	696	1,380	5,851	22,552	1,888	640	177	1,148
Liberal arts and sciences, general studies, and humanities ..	381,197	43,661	2,599	105	369,141	30,648	1,231	46	10,325	12,741	1,314	34	1,731	272	54	25
Library science .....	146	85	4,926	54	146	54	4,095	50	0	1	831	4	0	30	0	0
Mathematics and statistics .....	3,029	22,777	8,446	1,850	3,013	15,431	5,370	1,344	16	7,333	3,076	506	0	13	0	0
Mechanic and repair technologies/technicians .....	20,578	386	0	0	14,232	208	0	0	2,332	175	0	0	4,014	3	0	0
Military technologies and applied sciences .....	1,047	358	152	0	1,008	133	37	0	0	181	115	0	39	44	0	0
Multi/interdisciplinary studies .....	30,484	48,794	8,571	849	28,690	33,036	4,377	581	575	11,694	3,678	268	1,219	4,064	516	0
Parks, recreation, leisure and fitness studies .....	4,771	50,918	8,244	331	3,746	37,667	5,500	290	269	12,588	2,542	38	756	663	202	3
Philosophy and religious studies .....	814	10,157	1,756	746	225	4,423	589	295	589	5,692	1,167	450	0	42	0	1
Physical sciences and science technologies .....	8,485	30,477	7,122	6,016	8,419	21,711	5,447	4,250	65	8,763	1,675	1,766	1	3	0	0
Precision production .....	4,840	50	10	0	4,363	0	0	0	147	50	10	0	330	0	0	0
Psychology .....	10,603	117,440	27,645	6,532	9,941	79,952	9,226	2,441	412	34,676	14,603	2,762	250	2,812	3,816	1,329
Public administration and social service professions .....	7,988	34,432	46,751	1,065	5,972	22,464	26,162	562	570	9,301	18,273	274	1,446	2,667	2,316	229
Social sciences and history .....	20,056	161,230	19,828	4,667	19,934	111,281	10,429	3,056	81	48,911	8,645	1,599	41	1,038	754	12
Social sciences .....	18,451	135,633	16,373	3,696	18,379	93,796	8,118	2,411	64	41,096	7,825	1,273	8	741	430	12
History .....	1,605	25,597	3,455	971	1,555	17,485	2,311	645	17	7,815	820	326	33	297	324	0
Theology and religious vocations .....	1,089	9,804	14,352	1,808	2	1	0	0	1,078	9,549	14,159	1,802	9	254	193	6
Transportation and materials moving .....	1,497	4,529	911	8	1,136	2,501	126	1	331	2,027	784	7	30	1	1	0
Visual and performing arts .....	20,176	92,979	18,048	1,808	14,693	49,293	7,381	1,247	1,064	35,155	8,680	559	4,419	8,531	1,987	2

<sup>1</sup>Includes Ph.D., Ed.D., and comparable degrees at the doctoral level, as well as such degrees as M.D., D.D.S., and law degrees that were formerly classified as first-professional degrees.

<sup>2</sup>Excludes "Construction trades" and "Mechanic and repair technologies/technicians," which are listed separately.

NOTE: Data are for degree-granting postsecondary institutions, which are institutions that grant associate's or higher degrees and participate in Title IV federal financial aid programs. To facilitate trend comparisons, certain aggregations have been made

of the degree fields as reported in the Integrated Postsecondary Education Data System (IPEDS): "Agriculture and natural resources" includes Agriculture, agriculture operations, and related sciences and Natural resources and conservation; and "Business" includes Business, management, marketing, and related support services and Personal and culinary services.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), Fall 2016, Completions component. (This table was prepared March 2018.)

**Table 318.60. Number of postsecondary institutions conferring degrees, by control of institution, level of degree, and field of study: 2015–16**

Field of study	All institutions				Public institutions				Private nonprofit institutions				Private for-profit institutions			
	Associate's degrees	Bachelor's degrees	Master's degrees	Doctor's degrees <sup>1</sup>	Associate's degrees	Bachelor's degrees	Master's degrees	Doctor's degrees <sup>1</sup>	Associate's degrees	Bachelor's degrees	Master's degrees	Doctor's degrees <sup>1</sup>	Associate's degrees	Bachelor's degrees	Master's degrees	Doctor's degrees <sup>1</sup>
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
<b>All fields, total</b> .....	<b>2,759</b>	<b>2,447</b>	<b>1,920</b>	<b>981</b>	<b>1,238</b>	<b>677</b>	<b>537</b>	<b>338</b>	<b>645</b>	<b>1,331</b>	<b>1,154</b>	<b>576</b>	<b>876</b>	<b>439</b>	<b>229</b>	<b>67</b>
Agriculture and natural resources .....	505	763	241	106	479	332	182	97	25	421	56	9	1	10	3	0
Architecture and related services .....	78	191	159	37	73	120	104	28	5	68	53	9	0	3	2	0
Area, ethnic, cultural, gender, and group studies .....	76	492	150	55	69	239	99	36	7	253	51	19	0	0	0	0
Biological and biomedical sciences .....	291	1,367	501	267	268	535	346	186	22	827	155	81	1	5	0	0
Business .....	1,827	1,905	1,253	216	1,078	612	442	108	280	952	643	75	469	341	168	33
Communication, journalism, and related programs .....	322	1,178	354	81	288	464	223	63	22	680	126	18	12	34	5	0
Communications technologies .....	308	183	25	1	270	54	6	0	8	81	15	1	30	48	4	0
Computer and information sciences .....	1,304	1,419	520	173	904	529	292	117	84	667	168	53	316	223	60	3
Construction trades .....	354	8	0	0	318	8	0	0	11	0	0	0	25	0	0	0
Education .....	712	1,254	1,192	436	615	472	470	233	64	749	649	171	33	33	73	32
Engineering .....	362	542	330	215	347	299	216	155	11	232	111	60	4	11	3	0
Engineering technologies and engineering-related fields <sup>2</sup> ....	972	325	178	24	840	235	119	15	39	64	56	9	93	26	3	0
English language and literature/letters .....	194	1,346	495	150	189	523	320	102	4	813	173	48	1	10	2	0
Family and consumer sciences/human sciences .....	526	347	156	50	503	206	107	40	12	131	46	9	11	10	3	1
Foreign languages, literatures, and linguistics .....	199	902	224	100	194	402	164	69	5	498	60	31	0	2	0	0
Health professions and related programs .....	1,875	1,519	1,088	558	1,062	561	413	248	234	732	540	280	579	226	135	30
Homeland security, law enforcement, and firefighting .....	1,208	991	332	30	853	357	174	25	108	427	120	4	247	207	38	1
Legal professions and studies .....	610	239	162	216	395	77	63	85	56	114	92	120	159	48	7	11
Liberal arts and sciences, general studies, and humanities ..	1,390	904	175	15	1,096	384	93	8	284	500	80	6	10	20	2	1
Library science .....	31	8	66	12	31	6	52	10	0	1	14	2	0	1	0	0
Mathematics and statistics .....	221	1,200	349	175	215	501	267	123	6	697	82	52	0	2	0	0
Mechanic and repair technologies/technicians .....	716	22	0	0	635	14	0	0	22	7	0	0	59	1	0	0
Military technologies and applied sciences .....	9	14	8	0	7	6	3	0	0	6	5	0	2	2	0	0
Multi/interdisciplinary studies .....	399	981	382	123	368	391	215	87	28	556	161	36	3	34	6	0
Parks, recreation, leisure and fitness studies .....	321	856	298	49	280	349	208	42	17	499	84	6	24	8	6	1
Philosophy and religious studies .....	84	920	231	122	66	317	94	61	18	602	137	60	0	1	0	1
Physical sciences and science technologies .....	368	1,105	330	220	357	485	243	153	10	619	87	67	1	1	0	0
Precision production .....	400	5	2	0	374	0	0	0	9	5	2	0	17	0	0	0
Psychology .....	255	1,465	698	335	213	533	329	165	27	880	333	143	15	52	36	27
Public administration and social services .....	345	808	546	129	290	360	303	86	32	409	192	41	23	39	51	2
Social sciences and history .....	282	1,372	470	196	257	533	320	136	21	820	146	59	4	19	4	1
Social sciences .....	265	1,281	392	182	244	515	265	128	18	749	123	53	3	17	4	1
History .....	159	1,239	356	142	154	492	272	98	4	742	83	44	1	5	1	0
Theology and religious vocations .....	100	421	372	156	1	1	0	0	98	418	370	153	1	2	2	3
Transportation and materials moving .....	102	85	15	3	91	53	7	1	7	31	7	2	4	1	1	0
Visual and performing arts .....	772	1,456	467	112	592	497	253	75	58	839	196	36	122	120	18	1

<sup>1</sup>Includes Ph.D., Ed.D., and comparable degrees at the doctoral level, as well as such degrees as M.D., D.D.S., and law degrees that were formerly classified as first-professional degrees.  
<sup>2</sup>Excludes "Construction trades" and "Mechanic and repair technologies/technicians," which are listed separately.  
 NOTE: Data are for degree-granting postsecondary institutions, which are institutions that grant associate's or higher degrees and participate in Title IV federal financial aid programs. To facilitate trend comparisons, certain aggregations have been made

of the degree fields as reported in the Integrated Postsecondary Education Data System (IPEDS): "Agriculture and natural resources" includes Agriculture, agriculture operations, and related sciences and Natural resources and conservation; and "Business" includes Business, management, marketing, and related support services and Personal and culinary services.  
 SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), Fall 2016, Completions component. (This table was prepared March 2018.)

**Table 319.10. Degrees conferred by postsecondary institutions, by control of institution, level of degree, and state or jurisdiction: 2015–16**

State or jurisdiction	Public				Private nonprofit				Private for-profit			
	Associate's degrees	Bachelor's degrees	Master's degrees	Doctor's degrees <sup>1</sup>	Associate's degrees	Bachelor's degrees	Master's degrees	Doctor's degrees <sup>1</sup>	Associate's degrees	Bachelor's degrees	Master's degrees	Doctor's degrees <sup>1</sup>
1	2	3	4	5	6	7	8	9	10	11	12	13
<b>United States .....</b>	<b>848,168</b>	<b>1,240,405</b>	<b>364,526</b>	<b>89,786</b>	<b>56,593</b>	<b>560,752</b>	<b>350,721</b>	<b>80,044</b>	<b>103,553</b>	<b>119,561</b>	<b>70,348</b>	<b>8,037</b>
Alabama .....	9,871	23,878	9,173	1,913	122	3,669	858	503	2,887	3,576	2,043	16
Alaska .....	1,312	1,915	612	48	17	42	58	5	43	0	0	0
Arizona .....	19,050	27,439	9,066	1,912	243	803	559	737	14,271	28,383	17,728	958
Arkansas .....	8,524	13,311	4,759	938	173	2,613	498	103	70	95	20	0
California .....	129,583	142,743	32,077	6,753	1,801	40,121	36,402	9,784	12,186	21,000	8,974	2,039
Colorado .....	9,920	25,332	8,104	1,883	554	4,094	3,766	622	3,553	4,154	3,064	464
Connecticut .....	6,053	11,381	3,140	780	918	10,248	7,396	1,272	349	1,092	293	0
Delaware .....	1,900	4,717	968	338	151	2,253	2,910	80	8	18	25	0
District of Columbia .....	244	387	106	97	223	8,577	10,846	3,399	136	373	560	0
Florida .....	74,502	70,860	17,585	4,882	11,743	23,554	13,776	3,796	7,096	7,462	2,424	420
Georgia .....	16,142	37,778	11,064	2,592	1,020	10,029	5,219	1,803	2,653	3,020	2,275	356
Hawaii .....	4,113	4,841	1,126	472	446	1,749	582	0	12	332	209	55
Idaho .....	3,637	6,560	1,614	398	1,729	4,813	244	15	222	51	2	0
Illinois .....	35,544	33,121	13,288	3,063	1,048	31,347	24,331	5,486	3,818	11,219	4,505	311
Indiana .....	11,688	32,180	9,424	2,671	1,439	15,094	5,372	938	1,576	340	45	0
Iowa .....	11,374	13,021	2,803	1,379	412	9,851	2,569	1,213	3,853	4,889	2,969	129
Kansas .....	9,421	15,512	5,308	1,372	370	3,731	1,615	206	1,217	1,006	557	0
Kentucky .....	10,348	18,082	5,722	1,657	288	4,668	3,317	387	1,640	471	464	99
Louisiana .....	6,183	18,517	5,261	1,625	244	3,873	2,176	929	969	212	71	0
Maine .....	2,677	4,275	863	169	129	3,211	1,350	402	297	166	24	0
Maryland .....	16,594	27,095	10,822	2,033	21	6,404	7,735	788	384	383	272	0
Massachusetts .....	12,097	20,917	6,129	812	1,245	39,798	32,152	7,663	435	367	109	0
Michigan .....	26,215	46,838	17,218	4,371	3,303	13,103	4,299	1,205	269	364	158	0
Minnesota .....	16,400	21,329	5,203	1,877	652	11,075	5,580	1,015	2,474	4,176	13,099	2,541
Mississippi .....	13,419	12,517	3,361	1,023	51	2,175	1,645	321	289	10	23	0
Missouri .....	12,456	22,367	8,576	1,632	3,744	18,334	13,471	3,068	2,105	746	115	0
Montana .....	2,177	5,186	1,114	430	162	825	82	0	0	0	0	0
Nebraska .....	4,666	8,658	2,835	839	258	5,506	2,635	860	220	137	36	0
Nevada .....	5,180	7,778	1,700	550	115	358	372	466	802	502	157	0
New Hampshire .....	2,048	5,129	1,089	147	1,028	7,398	5,871	321	0	0	0	0
New Jersey .....	22,356	31,807	9,688	2,096	131	9,882	7,167	891	1,360	790	115	0
New Mexico .....	8,967	8,450	2,844	656	0	149	267	0	468	584	101	0
New York .....	52,406	64,545	18,427	3,132	6,960	70,404	51,876	11,534	7,600	4,187	1,268	2
North Carolina .....	29,631	38,211	11,822	2,694	1,046	14,656	5,903	1,913	1,431	659	434	0
North Dakota .....	2,024	5,663	1,311	491	130	611	314	78	68	24	0	0
Ohio .....	24,595	47,601	16,045	4,496	2,870	21,539	7,938	1,549	4,030	912	230	1
Oklahoma .....	10,896	16,928	5,011	1,363	379	3,921	1,536	299	752	175	29	0
Oregon .....	12,374	17,419	4,214	1,012	35	4,872	5,734	962	546	272	73	0
Pennsylvania .....	16,546	47,775	12,240	3,359	3,380	43,127	24,495	6,718	5,951	1,460	205	0
Rhode Island .....	1,649	4,563	807	255	1,642	7,419	1,867	461	0	0	0	0
South Carolina .....	10,050	18,632	4,589	1,490	381	5,440	1,128	196	1,086	1,035	351	206
South Dakota .....	1,919	4,750	1,241	431	137	1,098	297	6	180	192	0	0
Tennessee .....	10,703	21,737	5,570	1,889	787	12,700	5,824	1,695	1,735	818	447	86
Texas .....	80,767	102,981	40,980	8,467	1,399	20,498	10,486	2,465	4,672	2,604	987	22
Utah .....	11,483	15,934	3,360	817	1,245	17,642	7,490	253	639	542	231	193
Vermont .....	970	3,298	481	221	143	2,884	1,770	126	63	40	0	0
Virginia .....	19,137	37,954	11,133	3,342	1,703	16,726	11,432	1,783	4,283	3,962	2,100	133
Washington .....	29,700	25,836	6,044	1,915	161	7,152	3,583	670	730	610	123	6
West Virginia .....	3,488	9,661	2,630	1,044	103	1,274	344	116	2,907	5,584	3,270	0
Wisconsin .....	12,501	27,489	5,551	1,744	210	9,437	3,584	942	1,218	567	163	0
Wyoming .....	2,668	2,159	425	216	102	5	0	0	0	0	0	0
U.S. Service Academies .....	0	3,348	3	0	†	†	†	†	†	†	†	†
<b>Other jurisdictions .....</b>	<b>2,323</b>	<b>7,622</b>	<b>852</b>	<b>547</b>	<b>3,845</b>	<b>12,158</b>	<b>4,365</b>	<b>817</b>	<b>3,467</b>	<b>1,642</b>	<b>425</b>	<b>112</b>
American Samoa .....	216	17	0	0	0	0	0	0	0	0	0	0
Federated States of Micronesia .....	281	0	0	0	0	0	0	0	0	0	0	0
Guam .....	249	467	112	0	4	3	0	0	0	0	0	0
Marshall Islands .....	86	0	0	0	0	0	0	0	0	0	0	0
Northern Marianas .....	120	34	0	0	0	0	0	0	0	0	0	0
Palau .....	63	0	0	0	0	0	0	0	0	0	0	0
Puerto Rico .....	1,264	6,887	696	547	3,841	12,155	4,365	817	3,467	1,642	425	112
U.S. Virgin Islands .....	44	217	44	0	0	0	0	0	0	0	0	0

†Not applicable.  
<sup>1</sup>Includes Ph.D., Ed.D., and comparable degrees at the doctoral level. Includes most degrees formerly classified as first-professional, such as M.D., D.D.S., and law degrees.  
 NOTE: Data are for postsecondary institutions participating in Title IV federal financial aid programs.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), Fall 2016, Completions component. (This table was prepared March 2018.)

**Table 319.20. Degrees conferred by postsecondary institutions, by level of degree and state or jurisdiction: 2013–14 through 2015–16**

State or jurisdiction	2013–14				2014–15				2015–16			
	Associate's degrees	Bachelor's degrees	Master's degrees	Doctor's degrees <sup>1</sup>	Associate's degrees	Bachelor's degrees	Master's degrees	Doctor's degrees <sup>1</sup>	Associate's degrees	Bachelor's degrees	Master's degrees	Doctor's degrees <sup>1</sup>
1	2	3	4	5	6	7	8	9	10	11	12	13
<b>United States</b> .....	<b>1,005,155</b>	<b>1,870,150</b>	<b>754,582</b>	<b>177,587</b>	<b>1,014,341</b>	<b>1,894,969</b>	<b>758,804</b>	<b>178,548</b>	<b>1,008,314</b>	<b>1,920,718</b>	<b>785,595</b>	<b>177,867</b>
Alabama .....	13,303	29,516	11,346	2,286	13,629	30,060	11,800	2,429	12,880	31,123	12,074	2,432
Alaska .....	1,805	2,033	707	60	1,715	1,932	703	49	1,372	1,957	670	53
Arizona .....	41,847	61,296	28,841	3,904	37,703	58,534	27,785	4,368	33,564	56,625	27,353	3,607
Arkansas .....	8,868	15,489	4,896	985	9,095	15,881	4,899	971	8,767	16,019	5,277	1,041
California .....	129,962	199,274	74,541	18,319	133,600	201,195	74,640	18,308	143,570	203,864	77,453	18,576
Colorado .....	14,177	33,412	14,935	2,917	13,992	33,626	14,685	2,840	14,027	33,580	14,934	2,969
Connecticut .....	7,136	21,710	9,521	2,049	7,026	22,344	9,732	2,115	7,320	22,721	10,829	2,052
Delaware .....	2,080	6,338	2,842	554	2,039	6,895	3,112	541	2,059	6,988	3,903	418
District of Columbia .....	766	9,251	11,477	3,518	741	9,272	11,439	3,384	603	9,337	11,512	3,496
Florida .....	96,332	97,004	34,077	9,113	94,738	100,555	33,314	9,210	93,341	101,876	33,785	9,098
Georgia .....	18,773	48,831	16,975	4,646	19,529	49,863	17,219	4,584	19,815	50,827	18,558	4,751
Hawaii .....	5,448	6,915	2,075	506	4,403	6,966	1,856	624	4,571	6,922	1,917	527
Idaho .....	5,415	10,692	1,888	412	5,152	10,886	1,957	387	5,588	11,424	1,860	413
Illinois .....	40,516	74,958	41,647	8,446	40,187	74,317	40,080	8,757	40,410	75,687	42,124	8,860
Indiana .....	17,775	46,927	14,357	3,537	17,243	48,082	14,099	3,648	14,703	47,614	14,841	3,609
Iowa .....	17,072	28,125	7,681	2,950	16,772	28,202	8,298	2,851	15,639	27,761	8,341	2,721
Kansas .....	11,799	20,274	7,387	1,460	12,043	20,081	7,344	1,698	11,060	20,249	7,480	1,578
Kentucky .....	13,621	22,268	9,507	2,026	13,055	22,608	9,314	2,095	12,276	23,221	9,503	2,143
Louisiana .....	7,240	22,539	7,348	2,495	7,146	22,247	7,332	2,509	7,396	22,602	7,508	2,554
Maine .....	3,193	7,476	2,035	528	3,211	7,418	2,046	540	3,103	7,652	2,237	571
Maryland .....	15,758	32,163	18,390	2,908	16,919	33,197	18,428	2,994	16,999	33,882	18,829	2,821
Massachusetts .....	14,123	58,712	36,035	8,321	14,356	59,619	35,957	8,409	13,777	61,082	38,390	8,475
Michigan .....	32,329	58,908	21,292	6,095	32,572	59,970	20,689	5,875	29,787	60,305	21,675	5,576
Minnesota .....	21,213	36,470	22,115	5,290	20,141	36,750	22,827	5,092	19,526	36,580	23,882	5,433
Mississippi .....	12,640	14,266	4,822	1,259	13,320	14,296	5,070	1,294	13,759	14,702	5,029	1,344
Missouri .....	18,567	40,810	20,561	4,751	18,831	41,161	21,313	4,797	18,305	41,447	22,162	4,700
Montana .....	2,417	5,964	1,161	420	2,477	6,156	1,300	458	2,339	6,011	1,196	430
Nebraska .....	5,752	14,485	4,874	1,503	5,712	14,053	5,228	1,583	5,144	14,301	5,506	1,699
Nevada .....	5,732	8,056	2,148	922	6,059	8,519	2,266	1,052	6,097	8,638	2,229	1,016
New Hampshire .....	2,970	10,137	4,577	542	3,034	11,832	5,775	497	3,076	12,527	6,960	468
New Jersey .....	22,510	41,394	15,399	3,170	23,154	42,016	15,773	3,021	23,847	42,479	16,970	2,987
New Mexico .....	8,648	8,956	3,262	644	10,533	8,791	3,371	694	9,435	9,183	3,212	656
New York .....	68,572	134,820	71,573	15,019	68,302	136,396	70,803	14,524	66,966	139,136	71,571	14,668
North Carolina .....	29,234	52,602	18,376	5,005	31,876	52,889	17,237	4,835	32,108	53,526	18,159	4,607
North Dakota .....	2,405	6,168	1,825	467	2,309	6,291	1,706	511	2,222	6,298	1,625	569
Ohio .....	33,473	68,288	22,737	6,149	33,386	69,631	23,583	6,156	31,495	70,052	24,213	6,046
Oklahoma .....	12,606	20,654	6,616	1,657	13,047	20,730	6,532	1,626	12,027	21,024	6,576	1,662
Oregon .....	13,371	22,739	8,487	1,996	13,679	22,656	10,353	1,966	12,955	22,563	10,021	1,974
Pennsylvania .....	28,399	92,725	36,892	9,992	27,624	92,997	36,579	9,980	25,877	92,362	36,940	10,077
Rhode Island .....	3,780	11,455	2,620	753	3,606	11,730	2,571	724	3,291	11,982	2,674	716
South Carolina .....	11,885	24,351	5,878	1,866	11,767	24,823	5,990	1,890	11,517	25,107	6,068	1,892
South Dakota .....	2,696	5,676	1,336	395	2,479	5,638	1,538	407	2,236	6,040	1,538	437
Tennessee .....	13,007	34,134	12,125	3,493	12,822	34,197	11,807	3,661	13,225	35,255	11,841	3,670
Texas .....	72,894	118,975	46,362	10,810	79,409	122,173	48,800	10,987	86,838	126,083	52,453	10,954
Utah .....	13,609	29,848	9,565	1,271	13,221	32,160	9,982	1,237	13,367	34,118	11,081	1,263
Vermont .....	1,222	6,221	2,295	358	1,156	6,160	2,311	394	1,176	6,222	2,251	347
Virginia .....	25,191	55,794	23,844	5,349	25,554	56,878	23,790	5,365	25,123	58,642	24,665	5,258
Washington .....	29,064	32,506	9,292	2,558	29,998	33,309	9,498	2,584	30,591	33,598	9,750	2,591
West Virginia .....	5,914	15,525	6,806	1,009	6,497	15,997	6,524	1,055	6,498	16,519	6,244	1,160
Wisconsin .....	14,901	37,346	8,755	2,682	14,510	37,555	9,082	2,750	13,929	37,493	9,298	2,686
Wyoming .....	3,145	2,012	476	222	2,972	2,026	463	222	2,770	2,164	425	216
U.S. Service Academies .....	0	3,662	3	0	0	3,409	4	0	0	3,348	3	0
<b>Other jurisdictions</b> .....	<b>9,194</b>	<b>21,127</b>	<b>5,321</b>	<b>1,462</b>	<b>10,278</b>	<b>21,135</b>	<b>5,272</b>	<b>1,420</b>	<b>9,635</b>	<b>21,422</b>	<b>5,642</b>	<b>1,476</b>
American Samoa .....	228	3	0	0	245	8	0	0	216	17	0	0
Federated States of Micronesia .....	267	0	0	0	302	0	0	0	281	0	0	0
Guam .....	155	424	106	0	217	457	112	0	253	470	112	0
Marshall Islands .....	106	0	0	0	102	0	0	0	86	0	0	0
Northern Marianas .....	123	35	0	0	125	26	0	0	120	34	0	0
Palau .....	88	0	0	0	86	0	0	0	63	0	0	0
Puerto Rico .....	8,169	20,451	5,165	1,462	9,143	20,459	5,109	1,420	8,572	20,684	5,486	1,476
U.S. Virgin Islands .....	58	214	50	0	58	185	51	0	44	217	44	0

<sup>1</sup>Includes Ph.D., Ed.D., and comparable degrees at the doctoral level. Includes most degrees formerly classified as first-professional, such as M.D., D.D.S., and law degrees.  
NOTE: Data are for postsecondary institutions participating in Title IV federal financial aid programs. Some data have been revised from previously published figures.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), Fall 2014 through Fall 2016, Completions component. (This table was prepared March 2018.)

**Table 319.30. Bachelor's degrees conferred by postsecondary institutions, by field of study and state or jurisdiction: 2015–16**

State or jurisdiction	Total	Humanities <sup>1</sup>	Psychology	Social sciences and history	Natural sciences and mathematics <sup>2</sup>	Computer sciences	Engineering <sup>3</sup>	Education	Business <sup>4</sup>	Health professions and related programs	Other fields <sup>5</sup>
1	2	3	4	5	6	7	8	9	10	11	12
<b>United States</b> .....	<b>1,920,718</b>	<b>274,457</b>	<b>117,440</b>	<b>161,230</b>	<b>167,003</b>	<b>64,405</b>	<b>124,009</b>	<b>87,217</b>	<b>371,694</b>	<b>228,896</b>	<b>324,367</b>
Alabama .....	31,123	2,617	1,423	1,423	2,166	686	3,050	2,387	7,583	3,898	5,890
Alaska .....	1,957	297	118	148	213	26	179	97	395	178	306
Arizona .....	56,625	7,177	2,079	2,550	3,152	2,343	2,326	3,000	12,889	11,660	9,449
Arkansas .....	16,019	2,220	833	974	1,335	355	777	1,326	3,085	2,118	2,996
California .....	203,864	32,762	15,403	25,140	19,775	5,976	13,196	5,082	37,718	16,305	32,507
Colorado .....	33,580	4,260	1,890	3,061	3,294	1,527	2,407	310	7,356	3,417	6,058
Connecticut .....	22,721	3,618	1,824	2,663	2,053	496	1,212	593	3,996	2,668	3,598
Delaware .....	6,988	732	357	556	355	201	441	512	1,518	1,006	1,310
District of Columbia .....	9,337	1,291	539	2,622	589	244	314	68	1,797	619	1,254
Florida .....	101,876	11,608	6,758	7,733	7,998	3,613	5,384	4,708	22,810	13,290	17,974
Georgia .....	50,827	6,546	3,235	3,909	4,719	2,200	3,227	2,920	10,390	5,290	8,391
Hawaii .....	6,922	971	466	601	596	178	254	368	1,487	679	1,322
Idaho .....	11,424	1,650	553	674	994	384	683	891	1,847	1,757	1,991
Illinois .....	75,687	10,669	3,967	5,291	5,938	2,782	4,441	3,706	13,722	13,000	12,171
Indiana .....	47,614	5,750	2,183	2,888	3,643	1,733	4,247	2,490	9,590	7,001	8,089
Iowa .....	27,761	2,914	1,599	1,498	2,000	686	1,968	1,854	5,472	3,727	6,043
Kansas .....	20,249	2,602	812	1,056	1,249	492	1,514	1,658	4,719	2,449	3,698
Kentucky .....	23,221	2,966	1,205	1,399	1,707	525	1,354	2,017	3,871	2,711	5,466
Louisiana .....	22,602	3,445	1,202	1,432	1,990	389	1,733	1,568	4,244	3,453	3,146
Maine .....	7,652	1,091	434	850	882	118	601	406	918	1,230	1,122
Maryland .....	33,882	3,785	2,260	3,871	3,031	3,147	1,799	1,336	6,094	3,042	5,517
Massachusetts .....	61,082	9,241	4,267	7,127	6,425	2,254	4,271	1,614	11,373	6,308	8,202
Michigan .....	60,305	6,969	3,561	3,994	5,156	1,968	5,329	2,888	12,169	7,155	11,116
Minnesota .....	36,580	4,840	2,460	2,633	3,992	1,488	1,568	2,205	7,008	4,898	5,488
Mississippi .....	14,702	1,784	751	784	1,296	162	890	1,227	2,743	2,006	3,059
Missouri .....	41,447	5,089	2,641	2,119	2,944	1,340	2,555	2,870	8,850	5,797	7,242
Montana .....	6,011	761	314	466	575	100	711	590	882	594	998
Nebraska .....	14,301	1,335	737	770	973	518	499	1,286	3,652	1,769	2,762
Nevada .....	8,638	975	584	649	686	213	502	423	2,062	1,103	1,441
New Hampshire .....	12,527	2,071	1,098	1,233	828	457	532	399	2,635	1,513	1,761
New Jersey .....	42,479	6,875	3,600	3,955	4,117	1,446	2,651	1,486	7,878	3,832	6,639
New Mexico .....	9,183	1,844	641	494	745	189	812	723	1,360	927	1,448
New York .....	139,136	25,850	10,820	14,220	12,390	4,685	7,684	4,411	25,302	13,903	19,871
North Carolina .....	53,526	6,204	3,534	4,760	5,713	1,521	3,261	2,848	9,076	5,175	11,434
North Dakota .....	6,298	562	262	195	393	139	596	577	1,212	868	1,494
Ohio .....	70,052	8,219	3,490	4,802	5,564	1,317	5,532	4,786	13,106	11,418	11,818
Oklahoma .....	21,024	3,285	931	963	1,526	494	1,708	1,473	4,540	2,132	3,972
Oregon .....	22,563	3,765	1,334	2,892	2,045	695	1,351	569	3,520	2,187	4,205
Pennsylvania .....	92,362	11,990	5,366	7,466	8,958	3,231	7,064	4,083	18,087	11,884	14,233
Rhode Island .....	11,982	1,402	674	950	981	370	576	374	2,952	1,036	2,667
South Carolina .....	25,107	3,160	1,455	2,095	2,873	660	1,408	1,607	5,666	2,393	3,790
South Dakota .....	6,040	490	256	346	471	191	438	596	708	1,420	1,124
Tennessee .....	35,255	6,612	1,893	2,414	2,366	726	1,822	1,935	6,415	4,171	6,901
Texas .....	126,083	22,943	6,515	7,988	10,903	3,347	8,774	1,474	24,355	15,408	24,376
Utah .....	34,118	3,479	1,208	2,077	2,116	2,532	1,455	2,881	6,564	7,790	4,016
Vermont .....	6,222	1,170	409	770	647	187	281	239	797	427	1,295
Virginia .....	58,642	10,687	4,620	6,057	5,042	2,588	3,538	1,662	10,578	5,354	8,516
Washington .....	33,598	5,678	2,044	3,786	3,983	1,551	2,188	1,335	5,456	2,695	4,882
West Virginia .....	16,519	2,951	836	1,245	913	712	895	777	3,007	1,240	3,943
Wisconsin .....	37,493	4,785	1,857	2,750	4,106	1,053	2,534	2,380	7,611	3,762	6,655
Wyoming .....	2,164	172	117	153	246	32	236	202	321	233	452
U.S. Service Academies .....	3,348	298	25	718	351	138	1,241	0	308	0	269
<b>Other jurisdictions</b> .....	<b>21,422</b>	<b>1,141</b>	<b>1,321</b>	<b>724</b>	<b>2,111</b>	<b>781</b>	<b>1,242</b>	<b>1,426</b>	<b>4,507</b>	<b>5,043</b>	<b>3,126</b>
American Samoa .....	17	0	0	0	0	0	0	17	0	0	0
Guam .....	470	55	13	23	34	15	0	57	121	23	129
Northern Marianas .....	34	0	0	0	0	0	0	24	10	0	0
Puerto Rico .....	20,684	1,082	1,290	696	2,044	757	1,242	1,314	4,279	5,008	2,972
U.S. Virgin Islands .....	217	4	18	5	33	9	0	14	97	12	25

<sup>1</sup>Includes degrees in area, ethnic, cultural, gender, and group studies; English language and literature/letters; foreign languages, literatures, and linguistics; liberal arts and sciences, general studies and humanities; multi/interdisciplinary studies; philosophy and religious studies; theology and religious vocations; and visual and performing arts.

<sup>2</sup>Includes biological and biomedical sciences; physical sciences; science technologies/technicians; and mathematics and statistics.

<sup>3</sup>Includes engineering; engineering technologies/technicians; mechanic and repair technologies/technicians; and construction trades.

<sup>4</sup>Includes business, management, marketing, and related support services; and personal and culinary services.

<sup>5</sup>Includes agriculture, agricultural operations, and related sciences; natural resources and conservation; architecture and related services; communication, journalism, and related

programs; communications technologies/technicians and support services; family and consumer services/human sciences; homeland security, law enforcement, and firefighting; legal professions and studies; library science; military technologies and applied sciences; parks, recreation, leisure, and fitness studies; precision production; public administration and social service professions; and transportation and materials moving.

NOTE: Data are for postsecondary institutions participating in Title IV federal financial aid programs. This table includes only those jurisdictions with 4-year institutions.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), Fall 2016, Completions component. (This table was prepared March 2018.)

**Table 319.40. Master's degrees conferred by postsecondary institutions, by field of study and state or jurisdiction: 2015–16**

State or jurisdiction	Total	Humanities <sup>1</sup>	Psychology	Social sciences and history	Natural sciences and mathematics <sup>2</sup>	Computer sciences	Engineering <sup>3</sup>	Education	Business <sup>4</sup>	Health professions and related programs	Other fields <sup>5</sup>
1	2	3	4	5	6	7	8	9	10	11	12
<b>United States</b>	<b>785,595</b>	<b>59,074</b>	<b>27,645</b>	<b>19,828</b>	<b>31,282</b>	<b>40,128</b>	<b>57,685</b>	<b>145,781</b>	<b>186,834</b>	<b>110,348</b>	<b>106,990</b>
Alabama	12,074	382	387	167	301	246	1,181	2,183	3,005	2,303	1,919
Alaska	670	61	24	15	49	2	63	214	106	36	100
Arizona	27,353	837	1,349	277	471	816	1,198	7,047	7,554	4,982	2,822
Arkansas	5,277	191	46	75	136	288	353	2,046	633	765	744
California	77,453	7,216	3,958	1,957	3,000	3,487	8,030	13,141	16,487	8,641	11,536
Colorado	14,934	955	874	457	575	940	1,129	2,091	4,444	1,669	1,800
Connecticut	10,829	907	387	253	673	660	1,040	1,918	2,246	1,452	1,293
Delaware	3,903	92	7	58	119	297	98	657	1,631	539	405
District of Columbia	11,512	1,135	223	1,454	835	359	415	626	2,457	1,346	2,662
Florida	33,785	1,988	1,312	522	1,416	1,294	2,340	4,043	10,397	5,555	4,918
Georgia	18,558	1,449	288	363	820	893	1,306	3,241	4,491	3,456	2,251
Hawaii	1,917	154	119	60	69	39	56	357	494	195	374
Idaho	1,860	122	17	55	106	17	135	489	304	242	373
Illinois	42,124	2,913	1,411	889	1,711	3,366	2,805	5,860	11,340	5,913	5,916
Indiana	14,841	1,472	288	276	491	562	1,325	2,189	4,308	2,279	1,651
Iowa	8,341	508	488	56	225	388	354	1,629	2,117	1,503	1,073
Kansas	7,480	563	192	117	196	104	555	2,148	1,735	776	1,094
Kentucky	9,503	644	479	164	261	314	478	2,792	1,317	1,572	1,482
Louisiana	7,508	571	163	206	514	213	340	1,267	1,734	1,384	1,116
Maine	2,237	152	39	11	56	9	37	528	287	594	524
Maryland	18,829	1,259	282	1,000	1,057	2,177	1,206	2,654	4,896	2,408	1,890
Massachusetts	38,390	3,000	913	1,327	1,579	1,686	2,742	6,729	10,204	4,494	5,716
Michigan	21,675	1,279	546	425	986	970	2,864	3,538	5,185	2,628	3,254
Minnesota	23,882	908	1,839	378	393	613	531	6,049	3,893	6,688	2,590
Mississippi	5,029	157	98	72	500	70	158	1,673	903	694	704
Missouri	22,162	1,146	579	459	533	1,977	1,370	3,680	6,735	3,328	2,355
Montana	1,196	99	37	47	95	12	70	343	102	198	193
Nebraska	5,506	309	102	305	183	428	100	1,540	1,197	834	508
Nevada	2,229	110	53	49	65	73	95	747	496	279	262
New Hampshire	6,960	652	248	134	61	749	171	816	2,894	644	591
New Jersey	16,970	1,469	574	282	1,035	1,321	1,925	3,181	3,337	1,604	2,242
New Mexico	3,212	340	49	113	168	108	295	803	517	511	308
New York	71,571	7,515	2,104	2,204	3,157	3,955	4,937	13,373	14,212	8,656	11,458
North Carolina	18,159	1,788	210	458	959	1,103	1,437	2,554	4,418	2,660	2,572
North Dakota	1,625	46	73	33	67	27	88	404	286	328	273
Ohio	24,213	1,811	888	553	1,414	938	2,354	3,769	5,309	4,274	2,903
Oklahoma	6,576	744	290	120	214	223	741	1,169	1,573	748	754
Oregon	10,021	764	229	115	284	95	488	4,988	1,144	1,042	872
Pennsylvania	36,940	2,318	1,329	751	1,479	1,929	3,204	6,411	8,211	6,397	4,911
Rhode Island	2,674	208	97	115	165	76	135	368	711	319	480
South Carolina	6,068	362	136	88	300	87	492	1,518	1,452	781	852
South Dakota	1,538	67	55	36	84	102	135	469	179	192	219
Tennessee	11,841	947	403	188	495	185	423	2,459	2,919	2,409	1,413
Texas	52,453	3,718	2,139	1,198	2,173	3,975	5,555	9,223	13,153	5,643	5,676
Utah	11,081	265	162	95	227	610	372	2,671	3,926	2,004	749
Vermont	2,251	539	63	353	52	38	93	311	305	125	372
Virginia	24,665	2,996	1,191	507	588	1,471	965	5,009	5,626	1,963	4,349
Washington	9,750	734	353	171	463	471	601	1,918	2,013	1,137	1,889
West Virginia	6,244	651	128	535	123	161	199	1,102	1,459	544	1,342
Wisconsin	9,298	500	423	266	320	202	643	1,783	2,431	1,582	1,148
Wyoming	425	61	1	19	39	2	55	63	61	32	92
U.S. Service Academies	3	0	0	0	0	0	3	0	0	0	0
<b>Other jurisdictions</b>	<b>5,642</b>	<b>304</b>	<b>518</b>	<b>35</b>	<b>146</b>	<b>83</b>	<b>236</b>	<b>1,087</b>	<b>1,574</b>	<b>806</b>	<b>853</b>
American Samoa	0	0	0	0	0	0	0	0	0	0	0
Guam	112	2	3	0	3	0	0	55	14	0	35
Northern Marianas	0	0	0	0	0	0	0	0	0	0	0
Puerto Rico	5,486	302	511	35	143	83	236	1,016	1,551	806	803
U.S. Virgin Islands	44	0	4	0	0	0	0	16	9	0	15

<sup>1</sup>Includes degrees in area, ethnic, cultural, gender, and group studies; English language and literature/letters; foreign languages, literatures, and linguistics; liberal arts and sciences, general studies and humanities; multi/interdisciplinary studies; philosophy and religious studies; theology and religious vocations; and visual and performing arts.

<sup>2</sup>Includes biological and biomedical sciences; physical sciences; science technologies/technicians; and mathematics and statistics.

<sup>3</sup>Includes engineering; engineering technologies/technicians; mechanic and repair technologies/technicians; and construction trades.

<sup>4</sup>Includes business, management, marketing, and related support services; and personal and culinary services.

<sup>5</sup>Includes agriculture, agricultural operations, and related sciences; natural resources and conservation; architecture and related services; communication, journalism, and related

programs; communications technologies/technicians and support services; family and consumer services/human sciences; homeland security, law enforcement, and firefighting; legal professions and studies; library science; military technologies and applied sciences; parks, recreation, leisure, and fitness studies; precision production; public administration and social service professions; and transportation and materials moving.

NOTE: Data are for postsecondary institutions participating in Title IV federal financial aid programs. This table includes only those jurisdictions with 4-year institutions.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), Fall 2016, Completions component. (This table was prepared March 2018.)

**Table 320.10. Certificates below the associate's degree level conferred by postsecondary institutions, by length of curriculum, sex of student, institution level and control, and discipline division: 2015–16**

Discipline division	Less-than-1-year certificates								1- to less-than-4-year certificates							
	Total	Sex		Institution level		Institution control			Total	Sex		Institution level		Institution control		
		Males	Females	Non-degree-granting (less-than-2-year) <sup>1</sup>	Degree-granting (2-year and 4-year)	Public	Nonprofit	For-profit		Males	Females	Non-degree-granting (less-than-2-year) <sup>1</sup>	Degree-granting (2-year and 4-year)	Public	Nonprofit	For-profit
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
<b>Total</b> .....	<b>485,034</b>	<b>226,021</b>	<b>259,013</b>	<b>98,087</b>	<b>386,947</b>	<b>371,124</b>	<b>16,226</b>	<b>97,684</b>	<b>454,209</b>	<b>170,647</b>	<b>283,562</b>	<b>155,343</b>	<b>298,866</b>	<b>243,920</b>	<b>23,825</b>	<b>186,464</b>
Agriculture and natural resources.....	4,137	2,597	1,540	90	4,047	3,931	42	164	2,359	1,498	861	171	2,188	2,183	95	80
Agriculture, agriculture operations, and related sciences .....	3,312	2,047	1,265	90	3,222	3,197	22	93	2,208	1,396	812	171	2,037	2,032	95	81
Natural resources and conservation .....	825	550	275	0	825	734	20	71	151	102	49	0	151	151	0	0
Architecture and related services .....	231	141	90	0	231	193	38	0	106	73	33	0	106	84	19	3
Area, ethnic, cultural, gender, and group studies .....	487	136	351	0	487	466	21	0	127	23	104	0	127	109	18	0
Biological and biomedical sciences .....	913	260	653	27	886	868	32	13	224	59	165	102	122	162	62	0
Business, management, marketing, and support services .....	60,367	21,930	38,437	2,210	58,157	55,591	975	3,801	22,065	6,231	15,834	2,498	19,567	19,649	849	1,567
Accounting and related services.....	10,623	3,141	7,482	527	10,096	9,842	101	680	5,347	1,267	4,080	589	4,758	4,768	353	226
Business/commerce, general .....	3,246	1,447	1,799	0	3,246	3,217	5	24	1,683	865	818	0	1,683	1,661	4	18
Business administration, management, and operations .....	17,025	7,029	9,996	84	16,941	16,302	109	614	3,969	1,371	2,598	38	3,931	3,875	39	55
Management information systems and services.....	645	428	217	32	613	434	121	90	143	84	59	45	98	132	0	11
Business operations support and assistant services .....	9,258	2,305	6,953	1,000	8,258	8,318	21	919	5,967	822	5,145	1,674	4,293	4,770	189	1,008
Business and management, other .....	19,570	7,580	11,990	567	19,003	17,478	618	1,474	4,956	1,822	3,134	152	4,804	4,443	264	249
Communication, journalism, and related programs .....	2,545	1,262	1,283	392	2,153	1,718	47	780	1,472	851	621	968	504	570	15	887
Communications technologies.....	2,522	1,515	1,007	425	2,097	2,076	15	431	3,164	2,394	770	1,622	1,542	1,491	22	1,651
Computer and information sciences and support services.....	27,081	19,606	7,475	1,923	25,158	23,126	295	3,660	9,057	6,975	2,082	1,954	7,103	7,307	163	1,587
Construction trades .....	12,569	11,811	758	2,062	10,507	11,146	419	1,004	12,575	12,018	557	3,963	8,612	8,562	942	3,071
Education.....	6,638	686	5,952	108	6,530	6,151	192	295	3,756	427	3,329	269	3,487	2,790	755	211
Engineering .....	792	683	109	292	500	597	12	183	314	261	53	63	251	288	24	2
Engineering technologies and engineering-related fields <sup>2</sup> .....	21,073	18,052	3,021	1,889	19,184	19,229	65	1,779	13,728	12,258	1,470	2,176	11,552	9,972	800	2,956
English language and literature/letters .....	1,943	700	1,243	404	1,539	1,521	177	245	545	227	318	59	486	141	35	369
Family and consumer sciences/human sciences .....	15,634	1,202	14,432	785	14,849	15,500	28	106	3,574	151	3,423	240	3,334	3,485	89	0
Foreign languages, literatures, and linguistics .....	1,385	294	1,091	0	1,385	1,234	151	0	651	126	525	5	646	648	3	0
Health professions and related programs.....	151,038	29,594	121,444	37,117	113,921	100,215	9,261	41,562	164,627	21,867	142,760	54,080	110,547	66,303	13,700	84,624
Dental assisting .....	6,874	581	6,293	2,356	4,518	1,390	463	5,021	13,433	1,005	12,428	4,583	8,850	4,508	860	8,065
Emergency medical technician (EMT paramedic) .....	17,040	10,943	6,097	1,045	15,995	16,437	88	515	5,339	3,888	1,451	420	4,919	4,991	200	148
Clinical/medical lab science.....	10,276	1,411	8,865	2,547	7,729	7,089	238	2,949	1,899	476	1,423	327	1,572	642	544	713
Medical assisting .....	10,943	924	10,019	4,810	6,133	2,977	123	7,843	49,453	4,192	45,261	18,269	31,184	6,182	4,918	38,353
Pharmacy assisting.....	3,880	848	3,032	1,458	2,422	1,932	389	1,559	6,003	1,219	4,784	1,530	4,473	1,758	715	3,530
Other allied health assisting.....	6,339	1,998	4,341	1,151	5,188	4,338	111	1,890	2,699	311	2,388	808	1,891	1,414	184	1,101
Nursing and patient care assistant .....	40,932	5,158	35,774	9,462	31,470	35,673	586	4,673	1,345	158	1,187	367	978	603	90	652
Practical nursing .....	4,342	546	3,796	587	3,755	3,976	0	366	42,664	4,324	38,340	13,824	28,840	29,106	1,169	12,389
Nursing, registered nurse and other .....	1,471	156	1,315	0	1,471	1,449	22	0	3,126	435	2,691	1,975	1,151	883	2,000	243
Health sciences, other .....	48,941	7,029	41,912	13,701	35,240	24,954	7,241	16,746	38,666	5,859	32,807	11,977	26,689	16,216	3,020	19,430

See notes at end of table.

**Table 320.10. Certificates below the associate's degree level conferred by postsecondary institutions, by length of curriculum, sex of student, institution level and control, and discipline division: 2015–16—Continued**

Discipline division	Less-than-1-year certificates								1- to less-than-4-year certificates							
	Total	Sex		Institution level		Institution control			Total	Sex		Institution level		Institution control		
		Males	Females	Non-degree-granting (less-than-2-year) <sup>1</sup>	Degree-granting (2-year and 4-year)	Public	Nonprofit	For-profit		Males	Females	Non-degree-granting (less-than-2-year) <sup>1</sup>	Degree-granting (2-year and 4-year)	Public	Nonprofit	For-profit
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
Homeland security, law enforcement, and firefighting.....	29,501	21,453	8,048	2,633	26,868	28,760	516	225	7,882	5,096	2,786	520	7,362	7,190	140	552
Criminal justice and corrections.....	21,813	14,705	7,108	1,374	20,439	21,317	393	103	6,549	3,945	2,604	515	6,034	5,944	53	552
Fire control and safety.....	6,807	6,184	623	1,234	5,573	6,784	3	20	1,153	1,039	114	5	1,148	1,152	1	0
Homeland security and related protective services, other.....	881	564	317	25	856	659	120	102	180	112	68	0	180	94	86	0
Legal professions and studies.....	2,012	379	1,633	66	1,946	1,344	259	409	2,809	452	2,357	357	2,452	2,167	266	376
Liberal arts and sciences, general studies, and humanities.....	3,771	1,374	2,397	0	3,771	3,769	2	0	53,227	20,830	32,397	0	53,227	53,200	27	0
Library science.....	168	30	138	0	168	168	0	0	51	5	46	0	51	51	0	0
Mathematics and statistics.....	156	128	28	0	156	133	23	0	32	21	11	0	32	30	2	0
Mechanic and repair technologies/technicians.....	35,411	33,258	2,153	4,168	31,243	33,010	318	2,083	46,991	44,927	2,064	20,920	26,071	23,007	2,026	21,958
Military technologies and applied sciences.....	13	11	2	0	13	5	0	8	10	8	2	0	10	10	0	0
Multi/interdisciplinary studies.....	1,897	704	1,193	0	1,897	1,605	81	211	1,238	645	593	0	1,238	1,189	49	0
Parks, recreation, leisure, and fitness studies.....	1,901	942	959	699	1,202	1,111	10	780	707	418	289	228	479	351	0	356
Personal and culinary services.....	38,020	5,167	32,853	27,987	10,033	10,505	309	27,206	75,849	11,180	64,669	58,663	17,186	13,838	912	61,099
Philosophy and religious studies.....	58	26	32	0	58	43	15	0	34	18	16	0	34	15	19	0
Physical sciences and science technologies.....	1,600	808	792	61	1,539	1,600	0	0	1,072	722	350	18	1,054	1,054	0	18
Physical sciences.....	192	125	67	0	192	192	0	0	25	18	7	0	25	25	0	0
Science technologies/technicians.....	1,408	683	725	61	1,347	1,408	0	0	1,047	704	343	18	1,029	1,029	0	18
Precision production.....	27,735	25,976	1,759	4,536	23,199	24,724	657	2,354	18,228	17,211	1,017	4,892	13,336	13,422	1,019	3,787
Psychology.....	65	9	56	0	65	56	9	0	67	16	51	0	67	62	5	0
Public administration and social services.....	1,888	454	1,434	6	1,882	1,638	73	177	832	129	703	0	832	757	71	4
Social sciences and history.....	1,154	658	496	2	1,152	1,064	90	0	320	171	149	0	320	312	8	0
Social sciences.....	1,135	650	485	2	1,133	1,046	89	0	310	164	146	0	310	302	8	0
History.....	19	8	11	0	19	18	1	0	10	7	3	0	10	10	0	0
Theology and religious vocations.....	291	139	152	0	291	0	291	0	876	345	531	460	416	0	876	0
Transportation and materials moving.....	23,543	21,262	2,281	9,143	14,400	12,979	960	9,604	1,003	957	46	247	756	707	22	274
Visual and performing arts.....	6,495	2,774	3,721	1,062	5,433	5,048	843	604	4,637	2,057	2,580	868	3,769	2,814	792	1,031
Fine and studio arts.....	919	307	612	774	145	108	655	156	256	73	183	7	249	217	39	0
Music and dance.....	260	172	88	0	260	207	3	50	459	286	173	80	379	150	194	115
Visual and performing arts, other <sup>3</sup> .....	5,316	2,295	3,021	288	5,028	4,733	185	398	3,922	1,698	2,224	781	3,141	2,447	559	916

<sup>1</sup>Non-degree-granting institutions do not offer accredited 4-year or 2-year programs for degrees at the associate's or higher level, but they may include institutions offering programs 2 years or longer in duration for lower level awards.

<sup>2</sup>Excludes "Construction trades" and "Mechanic and repair technologies/technicians," which are listed separately.

<sup>3</sup>Includes design and applied arts, drama and theatre arts, film and photographic arts, and all other arts not included under "Fine and studio arts" or "Music and dance."

NOTE: Data are for postsecondary institutions participating in Title IV federal financial aid programs. Degree-granting institutions grant degrees at the associate's or higher level, while non-degree-granting institutions grant only awards below that level.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), Fall 2016, Completions component. (This table was prepared August 2018.)

**Table 320.20. Certificates below the associate's degree level conferred by postsecondary institutions, by race/ethnicity and sex of student: 1998–99 through 2015–16**

Year and sex	Number of certificates conferred to U.S. citizens and nonresident aliens								Percentage distribution of certificates conferred to U.S. citizens						
	Total	White	Black	Hispanic	Asian/ Pacific Islander	American Indian/ Alaska Native	Two or more races	Non- resident alien	Total	White	Black	Hispanic	Asian/ Pacific Islander	American Indian/ Alaska Native	Two or more races
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
<b>Total</b>															
1998–99.....	555,883	345,359	92,800	76,833	27,920	7,510	—	5,461	100.0	62.7	16.9	14.0	5.1	1.4	—
1999–2000.....	558,129	337,546	97,329	81,132	29,361	6,966	—	5,795	100.0	61.1	17.6	14.7	5.3	1.3	—
2000–01.....	552,503	333,478	99,397	78,528	28,123	6,598	—	6,379	100.0	61.1	18.2	14.4	5.1	1.2	—
2001–02.....	584,248	352,559	106,647	83,950	27,490	7,430	—	6,172	100.0	61.0	18.4	14.5	4.8	1.3	—
2002–03.....	646,425	382,289	120,582	95,499	32,981	8,117	—	6,957	100.0	59.8	18.9	14.9	5.2	1.3	—
2003–04.....	687,787	402,989	129,891	107,216	32,819	8,375	—	6,497	100.0	59.2	19.1	15.7	4.8	1.2	—
2004–05.....	710,873	415,670	133,601	114,089	32,783	8,150	—	6,580	100.0	59.0	19.0	16.2	4.7	1.2	—
2005–06.....	715,401	412,077	135,460	118,853	34,110	8,400	—	6,501	100.0	58.1	19.1	16.8	4.8	1.2	—
2006–07.....	729,037	420,585	139,995	119,501	32,962	8,793	—	7,201	100.0	58.3	19.4	16.6	4.6	1.2	—
2007–08.....	749,883	430,187	145,181	122,676	35,985	8,596	—	7,258	100.0	57.9	19.5	16.5	4.8	1.2	—
2008–09.....	804,620	450,562	161,487	138,301	37,941	9,485	—	6,844	100.0	56.5	20.2	17.3	4.8	1.2	—
2009–10.....	935,719	511,186	191,657	172,015	41,407	12,003	—	7,451	100.0	55.1	20.6	18.5	4.5	1.3	—
2010–11.....	1,030,477	557,595	207,693	187,433	44,294	11,204	14,999	7,259	100.0	54.5	20.3	18.3	4.3	1.1	1.5
2011–12.....	989,061	535,621	190,253	187,014	43,048	10,638	14,140	8,347	100.0	54.6	19.4	19.1	4.4	1.1	1.4
2012–13.....	967,214	524,000	177,006	186,248	44,196	10,824	17,642	7,298	100.0	54.6	18.4	19.4	4.6	1.1	1.8
2013–14.....	969,278	523,015	177,860	185,677	43,800	10,817	19,971	8,138	100.0	54.4	18.5	19.3	4.6	1.1	2.1
2014–15.....	961,146	512,077	174,828	187,943	44,707	11,084	21,681	8,826	100.0	53.8	18.4	19.7	4.7	1.2	2.3
2015–16.....	939,243	496,540	162,384	193,049	43,946	10,548	23,228	9,548	100.0	53.4	17.5	20.8	4.7	1.1	2.5
<b>Males</b>															
1998–99.....	219,872	144,735	29,875	27,719	11,742	3,061	—	2,740	100.0	66.7	13.8	12.8	5.4	1.4	—
1999–2000.....	226,110	143,634	33,792	30,337	13,082	2,862	—	2,403	100.0	64.2	15.1	13.6	5.8	1.3	—
2000–01.....	223,951	143,144	34,381	28,685	12,072	2,719	—	2,950	100.0	64.8	15.6	13.0	5.5	1.2	—
2001–02.....	235,275	152,226	36,482	29,749	10,938	3,226	—	2,654	100.0	65.4	15.7	12.8	4.7	1.4	—
2002–03.....	254,238	161,001	40,080	33,925	12,930	3,506	—	2,796	100.0	64.0	15.9	13.5	5.1	1.4	—
2003–04.....	257,138	161,684	40,809	36,157	12,713	3,135	—	2,640	100.0	63.5	16.0	14.2	5.0	1.2	—
2004–05.....	259,261	161,126	41,644	38,297	12,448	3,068	—	2,678	100.0	62.8	16.2	14.9	4.9	1.2	—
2005–06.....	259,737	158,747	41,863	40,752	12,790	3,219	—	2,366	100.0	61.7	16.3	15.8	5.0	1.3	—
2006–07.....	269,589	164,939	44,870	40,958	12,622	3,527	—	2,673	100.0	61.8	16.8	15.3	4.7	1.3	—
2007–08.....	283,266	172,398	48,024	43,085	13,527	3,452	—	2,780	100.0	61.5	17.1	15.4	4.8	1.2	—
2008–09.....	302,449	179,813	53,879	47,860	14,427	3,856	—	2,614	100.0	60.0	18.0	16.0	4.8	1.3	—
2009–10.....	355,381	205,404	65,487	60,771	15,940	5,067	—	2,712	100.0	58.2	18.6	17.2	4.5	1.4	—
2010–11.....	391,676	223,755	71,867	66,514	16,944	4,760	4,884	2,952	100.0	57.6	18.5	17.1	4.4	1.2	1.3
2011–12.....	374,086	213,833	65,224	65,838	16,180	4,507	4,952	3,552	100.0	57.7	17.6	17.8	4.4	1.2	1.3
2012–13.....	375,928	215,432	61,668	67,377	17,352	4,446	6,511	3,142	100.0	57.8	16.5	18.1	4.7	1.2	1.7
2013–14.....	390,795	223,180	65,595	68,821	17,280	4,731	7,781	3,407	100.0	57.6	16.9	17.8	4.5	1.2	2.0
2014–15.....	394,707	222,413	64,574	72,020	18,132	4,848	8,836	3,884	100.0	56.9	16.5	18.4	4.6	1.2	2.3
2015–16.....	396,668	223,042	60,835	76,532	17,677	4,603	9,623	4,356	100.0	56.9	15.5	19.5	4.5	1.2	2.5
<b>Females</b>															
1998–99.....	336,011	200,624	62,925	49,114	16,178	4,449	—	2,721	100.0	60.2	18.9	14.7	4.9	1.3	—
1999–2000.....	332,019	193,912	63,537	50,795	16,279	4,104	—	3,392	100.0	59.0	19.3	15.5	5.0	1.2	—
2000–01.....	328,552	190,334	65,016	49,843	16,051	3,879	—	3,429	100.0	58.5	20.0	15.3	4.9	1.2	—
2001–02.....	348,973	200,333	70,165	54,201	16,552	4,204	—	3,518	100.0	58.0	20.3	15.7	4.8	1.2	—
2002–03.....	392,187	221,288	80,502	61,574	20,051	4,611	—	4,161	100.0	57.0	20.7	15.9	5.2	1.2	—
2003–04.....	430,649	241,305	89,082	71,059	20,106	5,240	—	3,857	100.0	56.5	20.9	16.6	4.7	1.2	—
2004–05.....	451,612	254,544	91,957	75,792	20,335	5,082	—	3,902	100.0	56.9	20.5	16.9	4.5	1.1	—
2005–06.....	455,664	253,330	93,597	78,101	21,320	5,181	—	4,135	100.0	56.1	20.7	17.3	4.7	1.1	—
2006–07.....	459,448	255,646	95,125	78,543	20,340	5,266	—	4,528	100.0	56.2	20.9	17.3	4.5	1.2	—
2007–08.....	466,617	257,789	97,157	79,591	22,458	5,144	—	4,478	100.0	55.8	21.0	17.2	4.9	1.1	—
2008–09.....	502,171	270,749	107,608	90,441	23,514	5,629	—	4,230	100.0	54.4	21.6	18.2	4.7	1.1	—
2009–10.....	580,338	305,782	126,170	111,244	25,467	6,936	—	4,739	100.0	53.1	21.9	19.3	4.4	1.2	—
2010–11.....	638,801	333,840	135,826	120,919	27,350	6,444	10,115	4,307	100.0	52.6	21.4	19.1	4.3	1.0	1.6
2011–12.....	614,975	321,788	125,029	121,176	26,868	6,131	9,188	4,795	100.0	52.7	20.5	19.9	4.4	1.0	1.5
2012–13.....	591,286	308,568	115,338	118,871	26,844	6,378	11,131	4,156	100.0	52.6	19.6	20.2	4.6	1.1	1.9
2013–14.....	578,483	299,835	112,265	116,856	26,520	6,086	12,190	4,731	100.0	52.3	19.6	20.4	4.6	1.1	2.1
2014–15.....	566,439	289,664	110,254	115,923	26,575	6,236	12,845	4,942	100.0	51.6	19.6	20.6	4.7	1.1	2.3
2015–16.....	542,575	273,498	101,549	116,517	26,269	5,945	13,605	5,192	100.0	50.9	18.9	21.7	4.9	1.1	2.5

—Not available.  
 NOTE: Includes less-than-1-year awards and 1- to less-than-4-year awards (excluding associate's degrees) conferred by postsecondary institutions participating in Title IV federal financial aid programs. Race categories exclude persons of Hispanic ethnicity. Reported racial/ethnic distributions of students by level of degree, field of degree, and sex were used to estimate race/ethnicity for students whose race/ethnicity was not reported.

Some data have been revised from previously published figures. Detail may not sum to totals because of rounding.  
 SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), "Completions Survey" (IPEDS-C:99); and IPEDS Fall 2000 through Fall 2016, Completions component. (This table was prepared August 2017.)

**Table 321.10. Associate's degrees conferred by postsecondary institutions, by sex of student and discipline division: 2005–06 through 2015–16**

Discipline division	2005–06	2006–07	2007–08	2008–09	2009–10	2010–11	2011–12	2012–13	2013–14	2014–15	2015–16		
											Total	Males	Females
1	2	3	4	5	6	7	8	9	10	11	12	13	14
<b>Total</b> .....	<b>713,066</b>	<b>728,114</b>	<b>750,164</b>	<b>787,243</b>	<b>848,856</b>	<b>943,506</b>	<b>1,021,718</b>	<b>1,007,427</b>	<b>1,005,155</b>	<b>1,014,341</b>	<b>1,008,314</b>	<b>392,152</b>	<b>616,162</b>
Agriculture and natural resources.....	6,168	5,838	5,738	5,724	5,852	6,430	7,068	6,826	7,057	7,693	7,858	4,883	2,975
Agriculture, agriculture operations, and related sciences...	4,958	4,638	4,554	4,525	4,615	4,925	5,400	5,227	5,420	5,975	6,158	3,705	2,453
Natural resources and conservation .....	1,210	1,200	1,184	1,199	1,237	1,505	1,668	1,599	1,637	1,718	1,700	1,178	522
Architecture and related services.....	656	517	568	605	553	569	593	468	425	491	478	330	148
Area, ethnic, cultural, gender, and group studies.....	124	164	169	174	199	209	194	271	363	382	419	156	263
Biological and biomedical sciences.....	1,827	2,060	2,200	2,337	2,664	3,276	3,834	4,185	4,557	4,883	5,266	1,797	3,469
Business.....	114,095	116,101	121,158	127,882	133,265	139,994	143,390	134,114	129,957	132,374	128,249	49,591	78,658
Business, management, marketing, and support services..	96,933	99,998	104,566	111,524	116,798	121,735	123,014	114,842	113,056	113,681	110,026	42,432	67,594
Accounting and related services .....	13,620	14,232	15,965	16,707	17,925	20,180	20,270	18,061	17,400	16,080	14,790	4,092	10,698
Business/commerce, general .....	13,297	12,725	12,473	13,100	14,553	15,083	17,301	17,211	17,372	18,235	18,087	7,847	10,240
Business administration, management, and operations..	39,152	43,667	47,911	52,938	46,086	46,253	45,879	49,816	50,121	52,668	52,757	23,541	29,216
Management information systems and services.....	2,179	2,007	1,237	1,103	1,221	1,244	1,164	1,085	1,176	987	935	637	298
Business operations support and assistant services..	10,044	8,864	7,841	7,550	7,399	8,259	8,977	7,986	7,331	6,570	5,870	553	5,317
Business and management, other .....	18,641	18,503	19,139	20,126	29,614	30,716	29,423	20,683	19,656	19,141	17,587	5,762	11,825
Personal and culinary services.....	17,162	16,103	16,592	16,358	16,467	18,259	20,376	19,272	16,901	18,693	18,223	7,159	11,064
Communication, journalism, and related programs.....	2,629	2,609	2,620	2,722	2,841	3,051	3,495	4,299	4,970	6,034	6,759	2,794	3,965
Communications technologies .....	3,380	3,095	4,237	4,805	4,418	4,209	5,004	5,028	4,713	4,628	4,569	3,121	1,448
Computer and information sciences and support services....	31,246	27,712	28,296	29,912	32,351	37,689	41,250	38,954	37,646	36,420	30,569	24,135	6,434
Construction trades.....	3,850	3,895	4,309	4,252	4,684	5,402	5,750	5,038	4,837	4,643	4,699	4,446	253
Education.....	14,475	13,021	13,108	14,123	17,346	20,460	20,762	18,744	17,605	17,178	17,029	1,983	15,046
Engineering .....	2,154	2,128	2,279	2,170	2,508	2,825	3,382	3,732	4,306	4,875	5,285	4,511	774
Engineering technologies and engineering-related fields <sup>1</sup> .....	30,461	29,199	29,334	30,441	31,883	35,519	36,642	33,752	31,792	31,958	27,241	23,545	3,696
English language and literature/letters.....	1,105	1,249	1,402	1,534	1,658	2,019	2,137	2,089	2,082	2,324	2,551	853	1,698
Family and consumer sciences/human sciences .....	9,488	9,124	8,613	9,035	9,515	8,532	9,506	8,996	8,669	8,750	8,930	373	8,557
Foreign languages, literatures, and linguistics.....	1,161	1,207	1,258	1,630	1,683	1,888	1,980	2,131	2,284	2,102	2,208	499	1,709
Health professions and related programs .....	134,931	145,436	155,816	165,015	177,321	202,920	219,491	214,040	208,885	200,018	191,460	30,606	160,854
Dental assisting.....	6,085	6,313	6,642	6,574	7,063	7,498	7,790	7,823	7,988	7,762	7,603	363	7,240
Emergency medical technician (EMT paramedic).....	1,980	2,008	2,140	2,270	2,413	2,895	3,352	3,520	3,521	3,456	3,381	2,349	1,032
Clinical/medical lab science.....	2,163	2,306	2,316	2,538	2,621	2,811	3,240	3,387	3,517	3,143	3,186	766	2,420
Medical and other health assisting.....	22,267	23,491	24,276	25,858	29,776	39,277	46,950	41,921	39,126	36,813	34,749	5,129	29,620
Nursing and patient care assistant .....	101	158	329	385	1	33	36	35	38	50	52	9	43
Practical nursing.....	1,481	1,509	1,417	1,299	1,973	2,069	2,366	2,361	2,230	1,858	1,404	154	1,250
Nursing, registered nurse and other.....	62,095	66,516	73,277	77,922	81,281	83,023	84,569	86,380	86,435	82,953	78,577	11,065	67,512
Health sciences, other .....	38,759	43,135	45,419	48,169	52,193	65,314	71,188	68,613	66,030	63,983	62,508	10,771	51,737
Homeland security, law enforcement, and firefighting.....	26,425	28,208	29,590	33,012	37,154	44,922	51,318	48,460	45,771	43,041	39,927	22,359	17,568
Criminal justice and corrections.....	22,351	23,917	25,588	28,998	32,648	40,022	45,971	42,785	40,297	37,820	35,119	18,037	17,082
Fire control and safety.....	3,554	3,811	3,937	3,947	4,307	4,603	4,779	4,910	4,649	4,525	4,241	3,922	319
Homeland security and related protective services, other..	520	480	65	67	199	297	568	765	825	696	567	400	167
Legal professions and studies .....	10,509	10,391	9,465	9,062	9,999	11,619	12,315	11,862	10,502	9,095	8,017	1,124	6,893
Liberal arts and sciences, general studies, and humanities...	244,689	250,030	254,012	263,947	284,954	306,674	336,938	344,171	353,946	367,852	381,197	146,125	235,072
Library science.....	136	84	117	116	112	160	159	181	194	170	146	29	117
Mathematics and statistics.....	753	827	855	933	1,051	1,644	1,529	1,801	2,148	2,697	3,029	2,160	869
Mechanic and repair technologies/technicians.....	14,454	15,432	15,297	16,059	16,326	19,969	20,715	20,487	20,100	19,984	20,578	19,333	1,245
Military technologies and applied sciences.....	610	781	851	721	668	856	986	1,002	1,084	1,229	1,047	872	175
Multi/interdisciplinary studies .....	14,473	15,838	16,255	15,472	17,279	23,729	27,263	27,407	28,167	29,139	30,484	12,759	17,725
Parks, recreation, leisure, and fitness studies.....	1,128	1,251	1,344	1,587	2,006	2,366	3,123	3,455	4,383	4,669	4,771	2,867	1,904
Philosophy and religious studies .....	367	375	458	193	256	283	308	326	435	697	814	384	430
Physical sciences and science technologies .....	2,910	3,412	3,395	3,650	4,141	5,078	5,827	6,376	6,916	7,568	8,485	5,106	3,379
Physical sciences .....	1,741	2,023	1,980	2,196	2,378	3,148	3,652	4,083	4,518	5,040	5,528	3,261	2,267
Science technologies/technicians .....	1,169	1,389	1,415	1,454	1,763	1,930	2,175	2,293	2,398	2,528	2,957	1,845	1,112
Precision production.....	1,977	1,973	1,968	2,127	2,794	3,254	3,320	3,345	3,903	4,382	4,840	4,527	313
Psychology .....	1,944	2,213	2,412	3,957	6,582	3,866	4,717	6,122	7,604	8,780	10,603	2,591	8,012
Public administration and social services.....	4,415	4,338	4,192	4,177	4,522	7,472	9,222	8,788	8,914	8,436	7,988	1,109	6,879
Social sciences and history .....	6,730	7,080	7,812	9,157	10,649	12,772	14,132	15,668	16,554	17,916	20,056	7,389	12,667
Social sciences.....	6,308	6,673	7,358	8,670	10,108	12,072	13,321	14,749	15,473	16,631	18,451	6,434	12,017
History.....	422	407	454	487	541	700	811	919	1,081	1,285	1,605	955	650
Theology and religious vocations .....	570	608	582	676	613	758	839	881	944	1,135	1,089	512	577
Transportation and materials moving .....	1,472	1,674	1,550	1,430	1,444	1,698	2,098	2,119	2,102	1,810	1,497	1,292	205
Visual and performing arts.....	21,754	20,244	18,890	18,606	19,565	21,394	22,431	22,309	21,340	20,988	20,176	7,991	12,185
Fine and studio arts .....	1,638	1,753	1,705	2,019	2,277	2,414	2,339	2,541	2,699	2,866	3,082	965	2,117
Music and dance.....	2,389	2,290	1,317	1,152	1,335	1,356	1,683	1,743	1,715	1,886	1,989	1,249	740
Visual and performing arts, other <sup>2</sup> .....	17,727	16,201	15,868	15,435	15,953	17,624	18,409	18,025	16,926	16,236	15,105	5,777	9,328
Not classified by field of study.....	0	0	14	0	0	0	0	0	0	0	0	0	0

<sup>1</sup>Excludes "Construction trades" and "Mechanic and repair technologies/technicians," which are listed separately.

<sup>2</sup>Includes design and applied arts, drama and theatre arts, film and photographic arts, and all other arts not included under "Fine and studio arts" or "Music and dance."

NOTE: Data are for degree-granting postsecondary institutions, which are institutions that grant associate's or higher degrees and participate in Title IV federal financial aid programs. Some data have been revised from previously published figures.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), "Completions Survey" (IPEDS-C:98–99); and IPEDS Fall 2006 through Fall 2016, Completions component. (This table was prepared August 2017.)

**Table 321.20. Associate's degrees conferred by postsecondary institutions, by race/ethnicity and sex of student: Selected years, 1976–77 through 2015–16**

Year and sex	Number of degrees conferred to U.S. citizens and nonresident aliens								Percentage distribution of degrees conferred to U.S. citizens						
	Total	White	Black	Hispanic	Asian/ Pacific Islander	American Indian/ Alaska Native	Two or more races	Non- resident alien	Total	White	Black	Hispanic	Asian/ Pacific Islander	American Indian/ Alaska Native	Two or more races
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
<b>Total</b>															
1976–77 <sup>1</sup>	404,956	342,290	33,159	16,636	7,044	2,498	—	3,329	100.0	85.2	8.3	4.1	1.8	0.6	—
1980–81 <sup>2</sup>	410,174	339,167	35,330	17,800	8,650	2,584	—	6,643	100.0	84.0	8.8	4.4	2.1	0.6	—
1990–91	481,720	391,264	38,835	25,540	15,257	3,871	—	6,953	100.0	82.4	8.2	5.4	3.2	0.8	—
1999–2000	564,933	408,822	60,208	51,563	27,778	6,474	—	10,088	100.0	73.7	10.9	9.3	5.0	1.2	—
2000–01	578,865	411,075	63,855	57,268	28,463	6,623	—	11,561	100.0	72.5	11.3	10.1	5.0	1.2	—
2001–02	595,133	417,733	67,343	60,003	30,945	6,832	—	12,277	100.0	71.7	11.6	10.3	5.3	1.2	—
2002–03	634,016	438,261	75,609	66,673	32,629	7,461	—	13,383	100.0	70.6	12.2	10.7	5.3	1.2	—
2003–04	665,301	456,047	81,183	72,270	33,149	8,119	—	14,533	100.0	70.1	12.5	11.1	5.1	1.2	—
2004–05	696,660	475,513	86,402	78,557	33,669	8,435	—	14,084	100.0	69.7	12.7	11.5	4.9	1.2	—
2005–06	713,066	485,297	89,784	80,854	35,201	8,552	—	13,378	100.0	69.4	12.8	11.6	5.0	1.2	—
2006–07	728,114	491,572	91,529	85,410	37,266	8,583	—	13,754	100.0	68.8	12.8	12.0	5.2	1.2	—
2007–08	750,164	501,079	95,702	91,274	38,843	8,849	—	14,417	100.0	68.1	13.0	12.4	5.3	1.2	—
2008–09	787,243	521,834	101,631	98,408	41,364	8,823	—	15,183	100.0	67.6	13.2	12.7	5.4	1.1	—
2009–10	848,856	552,376	113,867	112,403	44,026	10,101	—	16,083	100.0	66.3	13.7	13.5	5.3	1.2	—
2010–11	943,506	604,745	129,044	126,297	45,489	10,180	11,126	16,625	100.0	65.2	13.9	13.6	4.9	1.1	1.2
2011–12	1,021,718	635,755	142,512	151,807	48,861	10,738	14,858	17,187	100.0	63.3	14.2	15.1	4.9	1.1	1.5
2012–13	1,007,427	617,308	135,892	157,989	49,474	10,546	19,383	16,835	100.0	62.3	13.7	15.9	5.0	1.1	2.0
2013–14	1,005,155	601,959	134,621	168,106	50,368	10,338	22,695	17,068	100.0	60.9	13.6	17.0	5.1	1.0	2.3
2014–15	1,014,341	590,616	137,920	180,598	51,767	9,996	25,505	17,939	100.0	59.3	13.8	18.1	5.2	1.0	2.6
2015–16	1,008,314	566,705	134,004	196,047	53,756	9,491	28,937	19,374	100.0	57.3	13.6	19.8	5.4	1.0	2.9
<b>Males</b>															
1976–77 <sup>1</sup>	209,672	178,236	15,330	9,105	3,630	1,216	—	2,155	100.0	85.9	7.4	4.4	1.7	0.6	—
1980–81 <sup>2</sup>	183,819	151,242	14,290	8,327	4,557	1,108	—	4,295	100.0	84.2	8.0	4.6	2.5	0.6	—
1990–91	198,634	161,858	14,143	10,738	7,164	1,439	—	3,292	100.0	82.9	7.2	5.5	3.7	0.7	—
1999–2000	224,721	164,317	20,968	20,947	12,009	2,222	—	4,258	100.0	74.5	9.5	9.5	5.4	1.0	—
2000–01	231,645	166,322	22,147	23,350	12,339	2,294	—	5,193	100.0	73.4	9.8	10.3	5.4	1.0	—
2001–02	238,109	170,622	22,806	23,963	13,256	2,308	—	5,154	100.0	73.2	9.8	10.3	5.7	1.0	—
2002–03	253,451	179,163	25,591	26,461	14,057	2,618	—	5,561	100.0	72.3	10.3	10.7	5.7	1.1	—
2003–04	260,033	183,819	25,961	27,828	13,907	2,740	—	5,778	100.0	72.3	10.2	10.9	5.5	1.1	—
2004–05	267,536	188,569	27,151	29,658	13,802	2,774	—	5,582	100.0	72.0	10.4	11.3	5.3	1.1	—
2005–06	270,095	190,139	27,619	30,040	14,224	2,774	—	5,299	100.0	71.8	10.4	11.3	5.4	1.0	—
2006–07	275,187	191,565	28,273	31,646	15,510	2,873	—	5,320	100.0	71.0	10.5	11.7	5.7	1.1	—
2007–08	282,521	194,099	30,016	33,817	15,936	3,003	—	5,650	100.0	70.1	10.8	12.2	5.8	1.1	—
2008–09	298,066	202,670	32,004	36,919	17,305	3,075	—	6,093	100.0	69.4	11.0	12.6	5.9	1.1	—
2009–10	322,747	215,977	36,148	42,210	18,268	3,555	—	6,589	100.0	68.3	11.4	13.4	5.8	1.1	—
2010–11	361,408	238,012	41,649	47,911	19,085	3,727	4,197	6,827	100.0	67.1	11.7	13.5	5.4	1.1	1.2
2011–12	393,479	251,964	46,377	57,926	20,537	3,924	5,569	7,182	100.0	65.2	12.0	15.0	5.3	1.0	1.4
2012–13	389,195	243,868	45,458	60,536	21,223	3,638	7,434	7,038	100.0	63.8	11.9	15.8	5.6	1.0	1.9
2013–14	391,474	239,289	45,868	64,658	21,824	3,682	8,969	7,184	100.0	62.3	11.9	16.8	5.7	1.0	2.3
2014–15	396,782	236,381	47,393	69,291	22,377	3,590	9,997	7,753	100.0	60.8	12.2	17.8	5.8	0.9	2.6
2015–16	392,152	226,202	44,776	74,532	23,429	3,336	11,255	8,622	100.0	59.0	11.7	19.4	6.1	0.9	2.9
<b>Females</b>															
1976–77 <sup>1</sup>	195,284	164,054	17,829	7,531	3,414	1,282	—	1,174	100.0	84.5	9.2	3.9	1.8	0.7	—
1980–81 <sup>2</sup>	226,355	187,925	21,040	9,473	4,093	1,476	—	2,348	100.0	83.9	9.4	4.2	1.8	0.7	—
1990–91	283,086	229,406	24,692	14,802	8,093	2,432	—	3,661	100.0	82.1	8.8	5.3	2.9	0.9	—
1999–2000	340,212	244,505	39,240	30,616	15,769	4,252	—	5,830	100.0	73.1	11.7	9.2	4.7	1.3	—
2000–01	347,220	244,753	41,708	33,938	16,124	4,329	—	6,368	100.0	71.8	12.2	10.0	4.7	1.3	—
2001–02	357,024	247,111	44,537	36,040	17,689	4,524	—	7,123	100.0	70.6	12.7	10.3	5.1	1.3	—
2002–03	380,565	259,098	50,018	40,212	18,572	4,843	—	7,822	100.0	69.5	13.4	10.8	5.0	1.3	—
2003–04	405,268	272,228	55,222	44,442	19,242	5,379	—	8,755	100.0	68.7	13.9	11.2	4.9	1.4	—
2004–05	429,124	286,944	59,251	48,899	19,867	5,661	—	8,502	100.0	68.2	14.1	11.6	4.7	1.3	—
2005–06	442,971	295,158	62,165	50,814	20,977	5,778	—	8,079	100.0	67.9	14.3	11.7	4.8	1.3	—
2006–07	452,927	300,007	63,256	53,764	21,756	5,710	—	8,434	100.0	67.5	14.2	12.1	4.9	1.3	—
2007–08	467,643	306,980	65,686	57,457	22,907	5,846	—	8,767	100.0	66.9	14.3	12.5	5.0	1.3	—
2008–09	489,177	319,164	69,627	61,489	24,059	5,748	—	9,090	100.0	66.5	14.5	12.8	5.0	1.2	—
2009–10	526,109	336,399	77,719	70,193	25,758	6,546	—	9,494	100.0	65.1	15.0	13.6	5.0	1.3	—
2010–11	582,098	366,733	87,395	78,386	26,404	6,453	6,929	9,798	100.0	64.1	15.3	13.7	4.6	1.1	1.2
2011–12	628,239	383,791	96,135	93,881	28,324	6,814	9,289	10,005	100.0	62.1	15.5	15.2	4.6	1.1	1.5
2012–13	618,232	373,440	90,434	97,453	28,251	6,908	11,949	9,797	100.0	61.4	14.9	16.0	4.6	1.1	2.0
2013–14	613,681	362,670	88,753	103,448	28,544	6,656	13,726	9,884	100.0	60.1	14.7	17.1	4.7	1.1	2.3
2014–15	617,559	354,235	90,527	111,307	29,390	6,406	15,508	10,186	100.0	58.3	14.9	18.3	4.8	1.1	2.6
2015–16	616,162	340,503	89,228	121,515	30,327	6,155	17,682	10,752	100.0	56.2	14.7	20.1	5.0	1.0	2.9

—Not available.

<sup>1</sup>Excludes 1,170 males and 251 females whose racial/ethnic group was not available.

<sup>2</sup>Excludes 4,819 males and 1,384 females whose racial/ethnic group was not available.

NOTE: Data through 1990–91 are for institutions of higher education, while later data are for degree-granting postsecondary institutions, which are institutions that grant associate's or higher degrees and participate in Title IV federal financial aid programs. Race categories exclude persons of Hispanic ethnicity. For 1989–90 and later years, reported racial/ethnic distributions of students by level of degree, field of degree, and sex were used to estimate race/eth-

nicity for students whose race/ethnicity was not reported. Detail may not sum to totals because of rounding. Some data have been revised from previously published figures.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Higher Education General Information Survey (HEGIS), "Degrees and Other Formal Awards Conferred" surveys, 1976–77 and 1980–81; Integrated Postsecondary Education Data System (IPEDS), "Completions Survey" (IPEDS-C:90–99); and IPEDS Fall 2000 through Fall 2016, Completions component. (This table was prepared August 2017.)

**Table 321.30. Associate's degrees conferred by postsecondary institutions, by race/ethnicity and field of study: 2014–15 and 2015–16**

Field of study	2014–15										2015–16									
	Total	White	Black	Hispanic	Asian/Pacific Islander			American Indian/Alaska Native	Two or more races	Non-resident alien	Total	White	Black	Hispanic	Asian/Pacific Islander			American Indian/Alaska Native	Two or more races	Non-resident alien
					Total	Asian	Pacific Islander								Total	Asian	Pacific Islander			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
<b>All fields, total</b>	<b>1,014,341</b>	<b>590,616</b>	<b>137,920</b>	<b>180,598</b>	<b>51,767</b>	<b>48,375</b>	<b>3,392</b>	<b>9,996</b>	<b>25,505</b>	<b>17,939</b>	<b>1,008,314</b>	<b>566,705</b>	<b>134,004</b>	<b>196,047</b>	<b>53,756</b>	<b>50,501</b>	<b>3,255</b>	<b>9,491</b>	<b>28,937</b>	<b>19,374</b>
Agriculture and natural resources.....	7,693	6,726	114	415	72	58	14	136	110	120	7,858	6,885	124	473	47	43	4	113	170	46
Architecture and related services.....	491	206	31	180	44	40	4	2	7	21	478	187	26	212	30	29	1	2	6	15
Area, ethnic, cultural, gender, and group studies ...	382	98	34	90	24	10	14	87	45	4	419	101	42	106	29	10	19	83	45	13
Biological and biomedical sciences.....	4,883	2,145	428	1,438	584	557	27	65	132	91	5,266	2,270	451	1,601	618	605	13	57	155	114
Business.....	132,374	71,974	21,944	21,210	8,555	8,070	485	1,386	3,118	4,187	128,249	66,822	20,772	22,367	8,946	8,521	425	1,366	3,646	4,330
Communication, journalism, and related programs..	6,034	2,860	636	1,765	338	324	14	40	228	167	6,759	2,914	702	2,142	469	447	22	29	292	211
Communications technologies.....	4,628	2,654	772	719	194	177	17	31	176	82	4,569	2,492	737	838	181	170	11	44	193	84
Computer and information sciences.....	36,420	21,807	6,029	4,707	2,146	2,030	116	316	861	554	30,569	18,482	4,161	3,862	2,169	2,080	89	294	928	673
Construction trades.....	4,643	3,405	533	376	151	123	28	77	88	13	4,699	3,319	500	479	185	165	20	70	135	11
Education.....	17,178	9,790	2,900	3,210	357	304	53	407	343	171	17,029	9,644	2,549	3,524	322	293	29	449	372	169
Engineering.....	4,875	2,909	333	825	439	422	17	36	104	229	5,285	2,966	424	994	483	465	18	29	151	238
Engineering technologies and engineering-related fields <sup>1</sup> .....	31,958	21,358	4,204	3,930	1,182	1,113	69	387	623	274	27,241	18,861	2,840	3,276	989	929	60	282	622	371
English language and literature/letters.....	2,324	1,086	197	745	148	143	5	22	92	34	2,551	1,087	160	941	184	174	10	17	113	49
Family and consumer sciences/human sciences ...	8,750	4,195	1,674	2,174	390	370	20	72	150	95	8,930	4,053	1,647	2,431	428	411	17	94	159	118
Foreign languages, literatures, and linguistics.....	2,102	979	114	765	94	88	6	20	84	46	2,208	988	96	874	98	95	3	19	90	43
Health professions and related programs.....	200,018	130,702	28,114	25,037	9,227	8,579	648	1,827	3,945	1,166	191,460	122,155	27,440	25,482	9,088	8,437	651	1,736	4,449	1,110
Homeland security, law enforcement, and firefighting.....	43,041	22,826	7,153	10,539	1,022	878	144	384	962	155	39,927	20,331	6,375	10,623	1,036	907	129	338	1,031	193
Legal professions and studies.....	9,095	5,484	1,503	1,545	213	191	22	77	212	61	8,017	4,747	1,321	1,464	176	167	9	64	192	53
Liberal arts and sciences, general studies, and humanities.....	367,852	210,601	48,140	71,199	16,954	15,781	1,173	3,261	10,136	7,561	381,197	210,211	50,187	79,871	18,014	16,832	1,182	3,117	11,517	8,280
Library science.....	170	121	11	30	4	4	0	2	2	0	146	107	4	25	6	6	0	0	3	1
Mathematics and statistics.....	2,697	1,142	92	807	449	443	6	15	97	95	3,029	1,110	104	1,038	496	489	7	14	112	155
Mechanic and repair technologies/technicians.....	19,984	13,584	1,778	3,027	692	588	104	261	493	149	20,578	13,780	1,816	3,262	714	606	108	262	537	207
Military technologies and applied sciences.....	1,229	772	174	178	53	40	13	15	37	0	1,047	648	158	134	45	40	5	14	48	0
Multi/interdisciplinary studies.....	29,139	14,826	2,440	6,854	3,295	3,194	101	179	999	546	30,484	14,627	2,438	8,058	3,471	3,350	121	180	1,120	590
Parks, recreation, leisure, and fitness studies.....	4,669	2,547	429	1,131	316	294	22	55	146	45	4,771	2,376	453	1,271	377	357	20	38	187	69
Philosophy and religious studies.....	697	448	92	82	19	16	3	3	19	34	814	554	90	106	17	15	2	2	22	23
Physical sciences and science technologies.....	7,568	3,644	698	1,548	936	909	27	82	247	413	8,485	3,948	853	1,930	984	946	38	73	293	404
Precision production.....	4,382	3,506	175	412	113	104	9	61	99	16	4,840	3,794	231	515	127	117	10	54	102	17
Psychology.....	8,780	3,358	722	3,505	607	584	23	129	344	115	10,603	3,691	855	4,665	778	736	42	130	382	102
Public administration and social services.....	8,436	4,181	2,303	1,441	144	121	23	131	188	48	7,988	3,690	2,373	1,325	151	143	8	142	244	63
Social sciences and history.....	17,916	7,141	1,646	6,201	1,711	1,604	107	222	671	324	20,056	7,306	1,668	7,694	1,901	1,794	107	190	862	435
Social sciences.....	16,631	6,643	1,578	5,792	1,653	1,550	103	207	618	320	18,451	6,513	1,615	7,098	1,822	1,718	104	169	806	428
History.....	1,285	678	68	409	58	54	4	15	53	4	1,605	793	53	596	79	76	3	21	56	7
Theology and religious vocations.....	1,135	659	282	136	17	14	3	15	16	10	1,089	680	265	84	12	8	4	11	24	13
Transportation and materials moving.....	1,810	1,152	130	277	90	80	10	13	73	75	1,497	928	105	225	75	69	6	11	63	90
Visual and performing arts.....	20,988	11,730	2,095	4,100	1,187	1,122	65	180	658	1,038	20,176	10,951	2,037	4,155	1,110	1,045	65	167	672	1,084
Other and not classified.....	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

<sup>1</sup>Excludes "Construction trades" and "Mechanic and repair technologies/technicians," which are listed separately.

NOTE: Data are for degree-granting postsecondary institutions, which are institutions that grant associate's or higher degrees and participate in Title IV federal financial aid programs. Race categories exclude persons of Hispanic ethnicity. Reported racial/ethnic distributions of students by level of degree, field of degree, and sex were used to estimate race/ethnicity for students whose race/ethnicity was not reported. To facilitate trend comparisons, certain aggregations have been made of the degree fields as reported in the Inte-

grated Postsecondary Education Data System (IPEDS): "Agriculture and natural resources" includes Agriculture, agriculture operations, and related sciences and Natural resources and conservation; and "Business" includes Business, management, marketing, and related support services and Personal and culinary services. Some data have been revised from previously published figures.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), Fall 2015 and Fall 2016, Completions component. (This table was prepared August 2017.)

**Table 322.10. Bachelor's degrees conferred by postsecondary institutions, by field of study: Selected years, 1970–71 through 2015–16**

Field of study	1970–71	1975–76	1980–81	1985–86	1990–91	1995–96	2000–01	2005–06	2006–07	2007–08	2008–09	2009–10	2010–11	2011–12	2012–13	2013–14	2014–15	2015–16
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
<b>Total</b> .....	<b>839,730</b>	<b>925,746</b>	<b>935,140</b>	<b>987,823</b>	<b>1,094,538</b>	<b>1,164,792</b>	<b>1,244,171</b>	<b>1,485,242</b>	<b>1,524,092</b>	<b>1,563,069</b>	<b>1,601,399</b>	<b>1,649,919</b>	<b>1,716,053</b>	<b>1,792,163</b>	<b>1,840,381</b>	<b>1,870,150</b>	<b>1,894,969</b>	<b>1,920,718</b>
Agriculture and natural resources .....	12,672	19,402	21,886	16,823	13,124	21,425	23,370	23,053	23,133	24,113	24,982	26,343	28,630	30,972	33,592	35,125	36,278	37,005
Architecture and related services .....	5,570	9,146	9,455	9,119	9,781	8,352	8,480	9,515	9,717	9,805	10,119	10,051	9,831	9,727	9,757	9,149	9,090	8,823
Area, ethnic, cultural, gender, and group studies .....	2,579	3,577	2,887	3,021	4,776	5,633	6,160	7,879	8,194	8,454	8,772	8,620	8,955	9,228	8,850	8,275	7,783	7,840
Biological and biomedical sciences .....	35,705	54,154	43,078	38,395	39,482	61,014	60,576	70,607	76,832	79,829	82,828	86,391	89,984	95,850	100,397	104,657	109,904	113,749
Business .....	115,396	143,171	200,521	236,700	249,165	226,623	263,515	318,042	327,531	335,254	348,056	358,119	365,133	367,235	360,887	358,132	363,741	371,694
Communication, journalism, and related programs .....	10,324	20,045	29,428	41,666	51,650	47,320	58,013	73,955	74,783	76,382	77,984	81,280	83,231	83,771	84,818	87,612	90,658	92,554
Communications technologies .....	478	1,237	1,854	1,479	1,397	853	1,178	2,981	3,637	4,666	5,100	4,782	4,858	4,983	4,987	4,991	5,135	4,824
Computer and information sciences .....	2,388	5,652	15,121	42,337	25,159	24,506	44,142	47,480	42,170	38,476	37,992	39,593	43,066	47,406	50,961	55,271	59,586	64,405
Education .....	176,307	154,437	108,074	87,147	110,807	105,384	105,458	107,238	105,641	102,582	101,716	101,287	104,008	105,656	104,698	98,838	91,596	87,217
Engineering .....	45,034	38,733	63,642	77,391	62,448	62,168	58,209	66,841	66,874	68,431	68,911	72,657	76,356	81,371	85,987	92,169	97,852	106,850
Engineering technologies .....	5,148	7,943	11,713	19,731	17,303	15,829	14,660	14,565	14,980	15,177	15,493	16,078	16,741	17,283	17,010	16,807	17,253	17,159
English language and literature/letters .....	63,914	41,452	31,922	34,083	51,064	49,928	50,569	55,096	55,122	55,038	55,465	53,229	52,754	53,765	52,401	50,464	45,851	42,795
Family and consumer sciences/human sciences .....	11,167	17,409	18,370	13,847	13,920	14,353	16,421	20,775	21,400	21,870	21,906	21,832	22,438	23,441	23,930	24,689	24,584	25,389
Foreign languages, literatures, and linguistics .....	20,988	17,068	11,638	11,550	13,937	14,832	16,128	19,410	20,275	20,977	21,169	21,507	21,705	21,756	21,647	20,332	19,493	18,427
Health professions and related programs .....	25,223	53,885	63,665	65,309	59,875	86,087	75,933	91,973	101,810	111,478	120,420	129,623	143,463	163,675	181,149	198,777	216,228	228,896
Homeland security, law enforcement, and firefighting .....	2,045	12,507	13,707	12,704	16,806	24,810	25,211	35,319	39,206	40,235	41,788	43,613	47,600	54,091	60,264	62,416	62,723	61,157
Legal professions and studies .....	545	531	776	1,223	1,827	2,123	1,991	3,302	3,596	3,771	3,822	3,886	4,429	4,595	4,425	4,513	4,420	4,243
Liberal arts and sciences, general studies, and humanities .....	7,481	18,855	21,643	21,336	30,526	33,997	37,962	44,898	44,255	46,940	47,095	46,963	46,717	46,961	46,790	45,281	43,649	43,661
Library science .....	1,013	843	375	155	90	58	52	76	82	68	78	85	96	95	102	127	99	85
Mathematics and statistics .....	24,801	15,984	11,078	16,122	14,393	12,713	11,171	14,770	14,954	15,192	15,507	16,029	17,182	18,841	20,449	20,987	21,854	22,777
Military technologies and applied sciences .....	357	952	42	255	183	7	21	33	168	39	55	56	64	86	105	185	276	358
Multi/interdisciplinary studies .....	6,324	13,709	12,986	13,754	17,774	26,885	26,478	30,583	32,111	34,174	35,376	37,717	42,473	45,717	47,658	48,392	47,556	48,794
Parks, recreation, leisure and fitness studies .....	1,621	5,182	5,729	4,623	4,315	12,974	17,948	25,490	27,430	29,931	31,683	33,332	35,934	38,998	42,628	46,047	49,008	50,918
Philosophy and religious studies .....	8,149	8,447	6,776	6,396	7,423	7,541	8,717	11,985	11,969	12,257	12,448	12,503	12,830	12,645	12,792	11,999	11,071	10,157
Physical sciences and science technologies .....	21,410	21,458	23,936	21,711	16,334	19,716	18,025	20,522	21,291	22,179	22,691	23,381	24,705	26,664	28,053	29,307	30,042	30,477
Precision production .....	0	0	0	2	2	12	31	55	23	33	29	29	43	37	36	37	48	50
Psychology .....	38,187	50,278	41,068	40,628	58,655	73,416	73,645	88,134	90,039	92,587	94,273	97,215	100,906	109,099	114,446	117,312	117,573	117,440
Public administration and social services .....	5,466	15,440	16,707	11,887	14,350	19,849	19,447	21,986	23,147	23,493	23,852	25,421	26,799	29,695	31,950	33,483	34,364	34,432
Social sciences and history .....	155,324	126,396	100,513	93,840	125,107	126,479	128,036	161,485	164,183	167,363	168,517	172,782	177,169	178,534	177,767	173,132	166,971	161,230
Theology and religious vocations .....	3,720	5,490	5,808	5,510	4,799	5,292	6,945	8,548	8,696	8,992	8,940	8,719	9,073	9,304	9,385	9,642	9,713	9,804
Transportation and materials moving .....	0	225	263	1,838	2,622	3,561	3,748	5,349	5,657	5,203	5,189	4,998	4,941	4,876	4,661	4,588	4,730	4,529
Visual and performing arts .....	30,394	42,138	40,479	37,241	42,186	49,296	61,148	83,297	85,186	87,703	89,143	91,798	93,939	95,806	97,799	97,414	95,840	92,979
Not classified by field of study .....	0	0	0	0	13,258	1,756	783	0	0	377	0	0	0	0	0	0	0	0

NOTE: Data through 1990–91 are for institutions of higher education, while later data are for postsecondary institutions that participate in Title IV federal financial aid programs. The new Classification of Instructional Programs was initiated in 2009–10. The figures for earlier years have been reclassified when necessary to make them conform to the new taxonomy. To facilitate trend comparisons, certain aggregations have been made of the degree fields as reported in the Integrated Postsecondary Education Data System (IPEDS): "Agriculture and natural resources" includes Agriculture, agriculture operations, and related sciences and Natural resources and conservation; "Business" includes Business, management, marketing, and related support services and Personal and culinary services; and "Engineering technologies" includes Engineering technolo-

gies and engineering-related fields, Construction trades, and Mechanic and repair technologies/technicians. Some data have been revised from previously published figures.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Higher Education General Information Survey (HEGIS), "Degrees and Other Formal Awards Conferred" surveys, 1970–71 through 1985–86; Integrated Postsecondary Education Data System (IPEDS), "Completions Survey" (IPEDS-C:91–99); and IPEDS Fall 2000 through Fall 2016, Completions component. (This table was prepared August 2017.)

**Table 322.20. Bachelor's degrees conferred by postsecondary institutions, by race/ethnicity and sex of student: Selected years, 1976–77 through 2015–16**

Year and sex	Number of degrees conferred to U.S. citizens and nonresident aliens								Percentage distribution of degrees conferred to U.S. citizens						
	Total	White	Black	Hispanic	Asian/ Pacific Islander	American Indian/ Alaska Native	Two or more races	Non- resident alien	Total	White	Black	Hispanic	Asian/ Pacific Islander	American Indian/ Alaska Native	Two or more races
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
<b>Total</b>															
1976–77 <sup>1</sup>	917,900	807,688	58,636	18,743	13,793	3,326	—	15,714	100.0	89.5	6.5	2.1	1.5	0.4	—
1980–81 <sup>2</sup>	934,800	807,319	60,673	21,832	18,794	3,593	—	22,589	100.0	88.5	6.7	2.4	2.1	0.4	—
1990–91	1,094,538	914,093	66,375	37,342	42,529	4,583	—	29,616	100.0	85.8	6.2	3.5	4.0	0.4	—
1999–2000	1,237,875	929,102	108,018	75,063	77,909	8,717	—	39,066	100.0	77.5	9.0	6.3	6.5	0.7	—
2000–01	1,244,171	927,357	111,307	77,745	78,902	9,049	—	39,811	100.0	77.0	9.2	6.5	6.6	0.8	—
2001–02	1,291,900	958,597	116,623	82,966	83,093	9,165	—	41,456	100.0	76.7	9.3	6.6	6.6	0.7	—
2002–03	1,348,811	994,616	124,253	89,029	87,964	9,875	—	43,074	100.0	76.2	9.5	6.8	6.7	0.8	—
2003–04	1,399,542	1,026,114	131,241	94,644	92,073	10,638	—	44,832	100.0	75.7	9.7	7.0	6.8	0.8	—
2004–05	1,439,264	1,049,141	136,122	101,124	97,209	10,307	—	45,361	100.0	75.3	9.8	7.3	7.0	0.7	—
2005–06	1,485,242	1,075,561	142,420	107,588	102,376	10,940	—	46,357	100.0	74.7	9.9	7.5	7.1	0.8	—
2006–07	1,524,092	1,099,850	146,653	114,936	105,297	11,455	—	45,901	100.0	74.4	9.9	7.8	7.1	0.8	—
2007–08	1,563,069	1,122,675	152,457	123,048	109,058	11,509	—	44,322	100.0	73.9	10.0	8.1	7.2	0.8	—
2008–09	1,601,399	1,144,628	156,603	129,473	112,581	12,221	—	45,893	100.0	73.6	10.1	8.3	7.2	0.8	—
2009–10	1,649,919	1,167,322	164,789	140,426	117,391	12,405	—	47,586	100.0	72.9	10.3	8.8	7.3	0.8	—
2010–11	1,716,053	1,182,690	172,731	154,450	121,118	11,935	20,589	52,540	100.0	71.1	10.4	9.3	7.3	0.7	1.2
2011–12	1,792,163	1,212,417	185,916	169,736	126,177	11,498	27,234	59,185	100.0	70.0	10.7	9.8	7.3	0.7	1.6
2012–13	1,840,381	1,221,908	191,233	186,677	130,129	11,432	34,128	64,874	100.0	68.8	10.8	10.5	7.3	0.6	1.9
2013–14	1,870,150	1,218,998	191,437	202,425	131,662	10,784	45,422	69,422	100.0	67.7	10.6	11.2	7.3	0.6	2.5
2014–15	1,894,969	1,210,071	192,829	218,098	133,916	10,202	54,215	75,638	100.0	66.5	10.6	12.0	7.4	0.6	3.0
2015–16	1,920,718	1,197,399	194,473	235,014	138,270	9,737	61,575	84,250	100.0	65.2	10.6	12.8	7.5	0.5	3.4
<b>Males</b>															
1976–77 <sup>1</sup>	494,424	438,161	25,147	10,318	7,638	1,804	—	11,356	100.0	90.7	5.2	2.1	1.6	0.4	—
1980–81 <sup>2</sup>	469,625	406,173	24,511	10,810	10,107	1,700	—	16,324	100.0	89.6	5.4	2.4	2.2	0.4	—
1990–91	504,045	421,290	24,800	16,598	21,203	1,938	—	18,216	100.0	86.7	5.1	3.4	4.4	0.4	—
1999–2000	530,367	402,954	37,029	30,304	35,853	3,463	—	20,764	100.0	79.1	7.3	5.9	7.0	0.7	—
2000–01	531,840	401,780	38,103	31,368	35,865	3,700	—	21,024	100.0	78.7	7.5	6.1	7.0	0.7	—
2001–02	549,816	414,892	39,196	32,951	37,660	3,624	—	21,493	100.0	78.5	7.4	6.2	7.1	0.7	—
2002–03	573,258	430,248	41,494	35,101	40,230	3,870	—	22,315	100.0	78.1	7.5	6.4	7.3	0.7	—
2003–04	595,425	445,483	43,851	37,288	41,360	4,244	—	23,199	100.0	77.9	7.7	6.5	7.2	0.7	—
2004–05	613,000	456,592	45,810	39,490	43,711	4,143	—	23,254	100.0	77.4	7.8	6.7	7.4	0.7	—
2005–06	630,600	467,467	48,079	41,814	45,809	4,203	—	23,228	100.0	77.0	7.9	6.9	7.5	0.7	—
2006–07	649,570	480,558	49,685	44,750	47,582	4,505	—	22,490	100.0	76.6	7.9	7.1	7.6	0.7	—
2007–08	667,928	492,137	52,247	47,884	49,485	4,523	—	21,652	100.0	76.1	8.1	7.4	7.7	0.7	—
2008–09	685,422	503,396	53,465	50,596	50,773	4,849	—	22,343	100.0	75.9	8.1	7.6	7.7	0.7	—
2009–10	706,660	513,711	56,136	55,139	53,365	4,879	—	23,430	100.0	75.2	8.2	8.1	7.8	0.7	—
2010–11	734,159	519,992	59,015	60,869	55,321	4,798	8,028	26,136	100.0	73.4	8.3	8.6	7.8	0.7	1.1
2011–12	765,772	532,463	63,736	67,083	57,521	4,476	10,945	29,548	100.0	72.3	8.7	9.1	7.8	0.6	1.5
2012–13	787,408	535,358	67,351	74,067	59,806	4,611	13,834	32,381	100.0	70.9	8.9	9.8	7.9	0.6	1.8
2013–14	801,905	536,009	68,290	80,312	59,844	4,171	18,137	35,142	100.0	69.9	8.9	10.5	7.8	0.5	2.4
2014–15	812,693	530,418	69,316	86,881	61,080	4,061	22,245	38,692	100.0	68.5	9.0	11.2	7.9	0.5	2.9
2015–16	821,779	522,860	69,873	92,946	63,209	3,823	25,153	43,915	100.0	67.2	9.0	11.9	8.1	0.5	3.2
<b>Females</b>															
1976–77 <sup>1</sup>	423,476	369,527	33,489	8,425	6,155	1,522	—	4,358	100.0	88.2	8.0	2.0	1.5	0.4	—
1980–81 <sup>2</sup>	465,175	401,146	36,162	11,022	8,687	1,893	—	6,265	100.0	87.4	7.9	2.4	1.9	0.4	—
1990–91	590,493	492,803	41,575	20,744	21,326	2,645	—	11,400	100.0	85.1	7.2	3.6	3.7	0.5	—
1999–2000	707,508	526,148	70,989	44,759	42,056	5,254	—	18,302	100.0	76.3	10.3	6.5	6.1	0.8	—
2000–01	712,331	525,577	73,204	46,377	43,037	5,349	—	18,787	100.0	75.8	10.6	6.7	6.2	0.8	—
2001–02	742,084	543,705	77,427	50,015	45,433	5,541	—	19,963	100.0	75.3	10.7	6.9	6.3	0.8	—
2002–03	775,553	564,368	82,759	53,928	47,734	6,005	—	20,759	100.0	74.8	11.0	7.1	6.3	0.8	—
2003–04	804,117	580,631	87,390	57,356	50,713	6,394	—	21,633	100.0	74.2	11.2	7.3	6.5	0.8	—
2004–05	826,264	592,549	90,312	61,634	53,498	6,164	—	22,107	100.0	73.7	11.2	7.7	6.7	0.8	—
2005–06	854,642	608,094	94,341	65,774	56,567	6,737	—	23,129	100.0	73.1	11.3	7.9	6.8	0.8	—
2006–07	874,522	619,292	96,968	70,186	57,715	6,950	—	23,411	100.0	72.8	11.4	8.2	6.8	0.8	—
2007–08	895,141	630,538	100,210	75,164	59,573	6,986	—	22,670	100.0	72.3	11.5	8.6	6.8	0.8	—
2008–09	915,977	641,232	103,138	78,877	61,808	7,372	—	23,550	100.0	71.9	11.6	8.8	6.9	0.8	—
2009–10	943,259	653,611	108,653	85,287	64,026	7,526	—	24,156	100.0	71.1	11.8	9.3	7.0	0.8	—
2010–11	981,894	662,698	113,716	93,581	65,797	7,137	12,561	26,404	100.0	69.4	11.9	9.8	6.9	0.7	1.3
2011–12	1,026,391	679,954	122,180	102,653	68,656	7,022	16,289	29,637	100.0	68.2	12.3	10.3	6.9	0.7	1.6
2012–13	1,052,973	686,550	123,882	112,610	70,323	6,821	20,294	32,493	100.0	67.3	12.1	11.0	6.9	0.7	2.0
2013–14	1,068,245	682,989	123,147	122,113	71,818	6,613	27,285	34,280	100.0	66.1	11.9	11.8	6.9	0.6	2.6
2014–15	1,082,276	679,653	123,513	131,217	72,836	6,141	31,970	36,946	100.0	65.0	11.8	12.6	7.0	0.6	3.1
2015–16	1,098,939	674,539	124,600	142,068	75,061	5,914	36,422	40,335	100.0	63.7	11.8	13.4	7.1	0.6	3.4

—Not available.

<sup>1</sup>Excludes 1,121 males and 528 females whose racial/ethnic group was not available.

<sup>2</sup>Excludes 258 males and 82 females whose racial/ethnic group was not available.

NOTE: Data through 1990–91 are for institutions of higher education, while later data are for postsecondary institutions participating in Title IV federal financial aid programs. Race categories exclude persons of Hispanic ethnicity. For 1989–90 and later years, reported racial/ethnic distributions of students by level of degree, field of degree, and sex were used to esti-

mate race/ethnicity for students whose race/ethnicity was not reported. Detail may not sum to totals because of rounding. Some data have been revised from previously published figures.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Higher Education General Information Survey (HEGIS), "Degrees and Other Formal Awards Conferred" surveys, 1976–77 and 1980–81; Integrated Postsecondary Education Data System (IPEDS), "Completions Survey" (IPEDS-C:90–99); and IPEDS Fall 2000 through Fall 2016, Completions component. (This table was prepared August 2017.)

**Table 322.30. Bachelor's degrees conferred by postsecondary institutions, by race/ethnicity and field of study: 2014–15 and 2015–16**

Field of study	2014–15										2015–16									
	Total	White	Black	Hispanic	Asian/Pacific Islander			American Indian/Alaska Native	Two or more races	Non-resident alien	Total	White	Black	Hispanic	Asian/Pacific Islander			American Indian/Alaska Native	Two or more races	Non-resident alien
					Total	Asian	Pacific Islander								Total	Asian	Pacific Islander			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
<b>All fields, total</b>	<b>1,894,969</b>	<b>1,210,071</b>	<b>192,829</b>	<b>218,098</b>	<b>133,916</b>	<b>128,927</b>	<b>4,989</b>	<b>10,202</b>	<b>54,215</b>	<b>75,638</b>	<b>1,920,718</b>	<b>1,197,399</b>	<b>194,473</b>	<b>235,014</b>	<b>138,270</b>	<b>133,612</b>	<b>4,658</b>	<b>9,737</b>	<b>61,575</b>	<b>84,250</b>
Agriculture and natural resources.....	36,278	29,237	1,082	2,548	1,413	1,320	93	252	990	756	37,005	29,483	1,107	2,922	1,320	1,267	53	215	1,168	790
Architecture and related services.....	9,090	5,305	442	1,385	851	835	16	45	275	787	8,823	4,998	469	1,318	787	772	15	30	273	948
Area, ethnic, cultural, gender, and group studies ...	7,783	3,557	1,135	1,492	757	712	45	174	418	250	7,840	3,471	1,154	1,601	713	686	27	188	428	285
Biological and biomedical sciences.....	109,904	65,550	8,299	11,588	17,201	16,912	289	439	3,928	2,899	113,749	66,556	8,790	12,871	17,562	17,324	238	474	4,256	3,240
Business.....	363,741	222,506	39,184	40,063	26,631	25,607	1,024	1,831	8,114	25,412	371,694	224,687	38,239	42,511	27,216	26,212	1,004	1,847	9,780	27,414
Communication, journalism, and related programs..	90,658	59,831	10,262	10,736	3,640	3,451	189	338	2,931	2,920	92,554	59,364	10,813	11,598	3,747	3,590	157	341	3,453	3,238
Communications technologies.....	5,135	3,109	617	624	304	286	18	29	289	163	4,824	2,912	572	586	255	239	16	27	255	217
Computer and information sciences.....	59,586	35,510	6,161	5,594	6,964	6,777	187	301	1,682	3,374	64,405	37,037	6,004	6,221	8,614	8,410	204	243	2,202	4,084
Construction trades.....	247	186	4	43	5	5	0	2	3	4	225	168	5	39	4	4	0	0	6	3
Education.....	91,596	71,691	7,264	7,225	2,078	1,897	181	682	1,759	897	87,217	66,990	6,611	7,840	2,139	1,961	178	595	2,100	942
Engineering.....	97,852	61,915	3,926	9,078	11,249	11,102	147	316	2,779	8,589	106,850	65,852	4,276	10,523	12,386	12,221	165	315	3,402	10,096
Engineering technologies and engineering-related fields <sup>1</sup> .....	16,611	11,334	1,626	1,516	735	687	48	151	358	891	16,548	11,244	1,519	1,498	806	778	28	122	353	1,006
English language and literature/letters.....	45,851	32,614	3,678	5,185	1,822	1,744	78	225	1,738	589	42,795	29,860	3,461	5,214	1,771	1,700	71	201	1,716	572
Family and consumer sciences/human sciences ...	24,584	15,874	3,187	2,934	1,346	1,306	40	153	682	408	25,389	16,146	3,201	3,269	1,347	1,295	52	137	798	491
Foreign languages, literatures, and linguistics.....	19,493	12,070	912	4,044	1,136	1,106	30	69	778	484	18,427	10,999	917	4,091	1,058	1,039	19	73	786	503
Health professions and related programs.....	216,228	145,444	24,943	20,655	16,559	15,772	787	1,138	5,078	2,411	228,896	151,181	26,468	24,109	17,491	16,737	754	1,075	5,943	2,629
Homeland security, law enforcement, and firefighting.....	62,723	34,496	12,474	11,506	1,786	1,528	258	457	1,584	420	61,157	33,023	12,081	11,623	1,703	1,448	255	435	1,758	534
Legal professions and studies.....	4,420	2,601	736	674	178	165	13	37	125	69	4,243	2,398	720	672	213	207	6	28	148	64
Liberal arts and sciences, general studies, and humanities.....	43,649	27,822	6,483	5,271	1,576	1,463	113	395	1,251	851	43,661	27,128	6,549	5,745	1,567	1,457	110	389	1,407	876
Library science.....	99	79	4	4	1	0	1	1	4	0	85	65	7	9	1	1	0	1	2	0
Mathematics and statistics.....	21,854	13,064	1,015	1,940	2,329	2,296	33	71	609	2,826	22,777	13,033	995	2,150	2,440	2,416	24	52	684	3,423
Mechanic and repair technologies/technicians.....	395	280	31	29	14	14	0	2	14	25	386	256	30	27	17	17	0	6	14	36
Military technologies and applied sciences.....	276	201	34	27	3	2	1	2	4	5	358	270	41	25	5	3	2	4	12	1
Multi/interdisciplinary studies.....	47,556	29,100	5,640	6,990	2,847	2,714	133	317	1,521	1,141	48,794	28,558	6,352	7,427	3,106	2,990	116	282	1,750	1,319
Parks, recreation, leisure, and fitness studies.....	49,008	34,188	5,084	5,032	2,164	2,014	150	277	1,479	784	50,918	34,119	5,845	5,755	2,312	2,196	116	264	1,779	844
Philosophy and religious studies.....	11,071	7,750	834	1,154	611	581	30	52	387	283	10,157	6,858	836	1,166	559	528	31	49	389	300
Physical sciences and science technologies.....	30,042	20,477	1,510	2,548	2,962	2,911	51	140	915	1,490	30,477	20,403	1,481	2,768	2,950	2,903	47	145	1,118	1,612
Precision production.....	48	31	2	3	7	7	0	1	0	4	50	35	0	3	3	3	0	0	1	8
Psychology.....	117,573	69,872	14,636	18,373	7,534	7,230	304	625	3,986	2,547	117,440	67,395	14,731	19,795	7,617	7,347	270	653	4,355	2,894
Public administration and social services.....	34,364	19,092	7,646	4,927	1,125	1,018	107	285	904	385	34,432	18,702	7,662	5,265	1,087	976	111	254	1,072	390
Social sciences and history.....	166,971	100,591	16,173	22,725	11,813	11,417	396	793	5,693	9,183	161,230	93,944	15,513	23,766	11,265	10,921	344	776	6,103	9,863
Social sciences.....	138,933	79,120	14,698	19,793	10,907	10,542	365	655	4,861	8,899	135,633	74,744	14,122	20,843	10,467	10,164	303	650	5,250	9,557
History.....	28,038	21,471	1,475	2,932	906	875	31	138	832	284	25,597	19,200	1,391	2,923	798	757	41	126	853	306
Theology and religious vocations.....	9,713	7,784	785	503	232	213	19	48	141	220	9,804	7,754	868	556	221	199	22	38	165	202
Transportation and materials moving.....	4,730	3,447	318	368	191	172	19	23	155	228	4,529	3,213	309	365	171	153	18	19	168	284
Visual and performing arts.....	95,840	63,463	6,696	11,314	5,852	5,663	189	531	3,641	4,343	92,979	59,297	6,847	11,686	5,817	5,612	205	459	3,731	5,142
Other and not classified.....	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

<sup>1</sup>Excludes "Construction trades" and "Mechanic and repair technologies/technicians," which are listed separately.

NOTE: Data are for postsecondary institutions participating in Title IV federal financial aid programs. Race categories exclude persons of Hispanic ethnicity. Reported racial/ethnic distributions of students by level of degree, field of degree, and sex were used to estimate race/ethnicity for students whose race/ethnicity was not reported. To facilitate trend comparisons, certain aggregations have been made of the degree fields as reported in the Integrated Postsecondary Education Data System (IPEDS): "Agriculture and natu-

ral resources" includes Agriculture, agriculture operations, and related sciences and Natural resources and conservation; and "Business" includes Business, management, marketing, and related support services and Personal and culinary services. Some data have been revised from previously published figures.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), Fall 2015 and Fall 2016, Completions component. (This table was prepared August 2017.)

**Table 322.40. Bachelor's degrees conferred to males by postsecondary institutions, by race/ethnicity and field of study: 2014–15 and 2015–16**

Field of study	2014–15										2015–16									
	Total	White	Black	Hispanic	Asian/Pacific Islander			American Indian/Alaska Native	Two or more races	Non-resident alien	Total	White	Black	Hispanic	Asian/Pacific Islander			American Indian/Alaska Native	Two or more races	Non-resident alien
					Total	Asian	Pacific Islander								Total	Asian	Pacific Islander			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
<b>All fields, total</b>	<b>812,693</b>	<b>530,418</b>	<b>69,316</b>	<b>86,881</b>	<b>61,080</b>	<b>58,848</b>	<b>2,232</b>	<b>4,061</b>	<b>22,245</b>	<b>38,692</b>	<b>821,779</b>	<b>522,860</b>	<b>69,873</b>	<b>92,946</b>	<b>63,209</b>	<b>61,166</b>	<b>2,043</b>	<b>3,823</b>	<b>25,153</b>	<b>43,915</b>
Agriculture and natural resources.....	17,585	14,723	470	1,035	536	492	44	121	386	314	17,622	14,561	440	1,207	518	492	26	112	440	344
Architecture and related services.....	5,116	3,133	263	805	401	392	9	28	146	340	4,854	2,859	275	738	362	350	12	20	130	470
Area, ethnic, cultural, gender, and group studies ...	2,294	1,100	299	361	256	233	23	66	133	79	2,227	993	316	439	200	185	15	76	109	94
Biological and biomedical sciences.....	45,104	27,536	2,615	4,585	7,443	7,298	145	175	1,570	1,180	45,579	27,275	2,656	5,037	7,436	7,327	109	170	1,721	1,284
Business.....	191,288	123,703	16,629	19,490	13,431	12,918	513	835	4,161	13,039	196,312	125,533	16,424	20,537	13,507	13,009	498	841	4,932	14,538
Communication, journalism, and related programs..	31,853	21,367	3,825	3,591	1,179	1,108	71	121	904	866	32,439	21,035	4,121	3,839	1,231	1,164	67	111	1,117	985
Communications technologies.....	3,367	2,026	419	439	174	163	11	18	196	95	3,099	1,866	370	401	141	129	12	18	170	133
Computer and information sciences.....	48,844	30,156	4,584	4,590	5,373	5,236	137	234	1,317	2,590	52,333	31,227	4,474	5,075	6,585	6,433	152	193	1,679	3,100
Construction trades.....	229	177	4	40	4	4	0	1	3	0	208	160	3	32	4	4	0	0	6	3
Education.....	18,467	14,342	1,675	1,304	432	393	39	149	357	208	17,427	13,104	1,677	1,440	443	396	47	136	443	184
Engineering.....	78,249	50,463	2,945	7,124	8,580	8,467	113	241	2,093	6,803	84,516	53,080	3,210	8,237	9,272	9,145	127	250	2,489	7,978
Engineering technologies and engineering-related fields <sup>1</sup> .....	14,693	10,149	1,326	1,324	638	593	45	136	304	816	14,545	10,033	1,235	1,277	695	673	22	101	291	913
English language and literature/letters.....	14,055	10,138	1,032	1,601	551	524	27	72	495	166	12,776	8,976	928	1,627	534	510	24	65	482	164
Family and consumer sciences/human sciences ...	3,012	1,813	455	336	235	228	7	13	86	74	2,982	1,752	451	341	225	207	18	10	100	103
Foreign languages, literatures, and linguistics.....	6,066	4,019	235	1,054	331	316	15	21	257	149	5,755	3,665	243	1,139	315	306	9	26	218	149
Health professions and related programs.....	33,658	21,105	3,604	3,581	3,713	3,525	188	174	846	635	36,261	22,131	3,937	4,149	4,074	3,896	178	170	1,050	750
Homeland security, law enforcement, and firefighting.....	33,640	20,808	5,048	5,477	1,116	951	165	218	747	226	32,598	19,637	4,958	5,610	1,024	884	140	212	851	306
Legal professions and studies.....	1,348	850	167	185	64	59	5	12	35	35	1,297	759	172	195	79	78	1	6	51	35
Liberal arts and sciences, general studies, and humanities.....	16,136	10,530	2,521	1,607	555	507	48	148	428	347	16,145	10,274	2,581	1,732	542	493	49	142	527	347
Library science.....	16	13	3	0	0	0	0	0	0	0	6	5	1	0	0	0	0	0	0	0
Mathematics and statistics.....	12,462	7,554	495	1,061	1,364	1,347	17	45	348	1,595	13,088	7,579	504	1,245	1,453	1,435	18	34	403	1,870
Mechanic and repair technologies/technicians.....	370	264	29	26	14	14	0	1	13	23	359	239	28	23	16	16	0	6	13	34
Military technologies and applied sciences.....	225	164	26	24	3	2	1	2	3	3	290	228	27	17	4	3	1	4	9	1
Multi/interdisciplinary studies.....	15,930	10,050	1,851	1,969	1,001	946	55	123	509	427	16,247	9,832	2,035	2,186	1,036	997	39	107	549	502
Parks, recreation, leisure, and fitness studies.....	25,950	17,886	2,910	2,692	1,153	1,062	91	137	706	466	26,709	17,590	3,340	3,024	1,289	1,226	63	116	854	496
Philosophy and religious studies.....	7,004	5,022	474	720	363	344	19	35	223	167	6,372	4,417	455	731	319	301	18	31	223	196
Physical sciences and science technologies.....	18,480	13,203	704	1,474	1,616	1,589	27	82	541	860	18,666	12,965	687	1,694	1,628	1,604	24	84	670	938
Precision production.....	33	25	0	1	3	3	0	1	0	3	28	25	0	2	2	0	0	0	0	1
Psychology.....	26,803	15,977	3,032	4,013	2,038	1,955	83	154	969	620	26,279	15,107	2,970	4,239	2,120	2,059	61	141	995	707
Public administration and social services.....	6,146	3,375	1,295	875	261	239	22	58	165	117	6,025	3,334	1,262	840	245	218	27	39	196	109
Social sciences and history.....	85,484	55,483	6,562	10,027	5,712	5,505	207	354	2,654	4,692	81,300	51,328	6,142	10,165	5,482	5,312	170	354	2,781	5,048
Social sciences.....	68,698	42,363	5,786	8,334	5,195	5,011	184	271	2,197	4,552	66,013	39,627	5,400	8,488	5,032	4,884	148	277	2,321	4,868
History.....	16,786	13,120	776	1,693	517	494	23	83	457	140	15,287	11,701	742	1,677	450	428	22	77	460	180
Theology and religious vocations.....	6,616	5,499	419	297	151	144	7	33	72	145	6,749	5,549	468	323	143	125	18	23	97	146
Transportation and materials moving.....	4,146	3,065	271	315	151	136	15	22	131	191	3,976	2,845	258	319	153	137	16	16	144	241
Visual and performing arts.....	38,024	24,700	3,129	4,858	2,238	2,155	83	231	1,447	1,421	36,710	22,897	3,225	5,088	2,132	2,050	82	209	1,413	1,746
Other and not classified.....	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

<sup>1</sup>Excludes "Construction trades" and "Mechanic and repair technologies/technicians," which are listed separately.  
NOTE: Data are for postsecondary institutions participating in Title IV federal financial aid programs. Race categories exclude persons of Hispanic ethnicity. Reported racial/ethnic distributions of students by level of degree, field of degree, and sex were used to estimate race/ethnicity for students whose race/ethnicity was not reported. To facilitate trend comparisons, certain aggregations have been made of the degree fields as reported in the Integrated Postsecondary Education Data System (IPEDS): "Agriculture and natu-

ral resources" includes Agriculture, agriculture operations, and related sciences and Natural resources and conservation; and "Business" includes Business, management, marketing, and related support services and Personal and culinary services. Some data have been revised from previously published figures.  
SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), Fall 2015 and Fall 2016, Completions component. (This table was prepared August 2017.)

**Table 322.50. Bachelor's degrees conferred to females by postsecondary institutions, by race/ethnicity and field of study: 2014–15 and 2015–16**

Field of study	2014–15										2015–16									
	Total	White	Black	Hispanic	Asian/Pacific Islander			American Indian/Alaska Native	Two or more races	Non-resident alien	Total	White	Black	Hispanic	Asian/Pacific Islander			American Indian/Alaska Native	Two or more races	Non-resident alien
					Total	Asian	Pacific Islander								Total	Asian	Pacific Islander			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
<b>All fields, total</b>	<b>1,082,276</b>	<b>679,653</b>	<b>123,513</b>	<b>131,217</b>	<b>72,836</b>	<b>70,079</b>	<b>2,757</b>	<b>6,141</b>	<b>31,970</b>	<b>36,946</b>	<b>1,098,939</b>	<b>674,539</b>	<b>124,600</b>	<b>142,068</b>	<b>75,061</b>	<b>72,446</b>	<b>2,615</b>	<b>5,914</b>	<b>36,422</b>	<b>40,335</b>
Agriculture and natural resources.....	18,693	14,514	612	1,513	877	828	49	131	604	442	19,383	14,922	667	1,715	802	775	27	103	728	446
Architecture and related services.....	3,974	2,172	179	580	450	443	7	17	129	447	3,969	2,139	194	580	425	422	3	10	143	478
Area, ethnic, cultural, gender, and group studies ...	5,489	2,457	836	1,131	501	479	22	108	285	171	5,613	2,478	838	1,162	513	501	12	112	319	191
Biological and biomedical sciences.....	64,800	38,014	5,684	7,003	9,758	9,614	144	264	2,358	1,719	68,170	39,281	6,134	7,834	10,126	9,997	129	304	2,535	1,956
Business.....	172,453	98,803	22,555	20,573	13,200	12,689	511	996	3,953	12,373	175,382	99,154	21,815	21,974	13,709	13,203	506	1,006	4,848	12,876
Communication, journalism, and related programs..	58,805	38,464	6,437	7,145	2,461	2,343	118	217	2,027	2,054	60,115	38,329	6,692	7,759	2,516	2,426	90	230	2,336	2,253
Communications technologies.....	1,768	1,083	198	185	130	123	7	11	93	68	1,725	1,046	202	185	114	110	4	9	85	84
Computer and information sciences.....	10,742	5,354	1,577	1,004	1,591	1,541	50	67	365	784	12,072	5,810	1,530	1,146	2,029	1,977	52	50	523	984
Construction trades.....	18	9	0	3	1	1	0	1	0	4	17	8	2	7	0	0	0	0	0	0
Education.....	73,129	57,349	5,589	5,921	1,646	1,504	142	533	1,402	689	69,790	53,886	4,934	6,400	1,696	1,565	131	459	1,657	758
Engineering.....	19,603	11,452	981	1,954	2,669	2,635	34	75	686	1,786	22,334	12,772	1,066	2,286	3,114	3,076	38	65	913	2,118
Engineering technologies and engineering-related fields <sup>1</sup> .....	1,918	1,185	300	192	97	94	3	15	54	75	2,003	1,211	284	221	111	105	6	21	62	93
English language and literature/letters.....	31,796	22,476	2,646	3,584	1,271	1,220	51	153	1,243	423	30,019	20,884	2,533	3,587	1,237	1,190	47	136	1,234	408
Family and consumer sciences/human sciences ...	21,572	14,061	2,732	2,598	1,111	1,078	33	140	596	334	22,407	14,394	2,750	2,928	1,122	1,088	34	127	698	388
Foreign languages, literatures, and linguistics.....	13,427	8,051	677	2,990	805	790	15	48	521	335	12,672	7,334	674	2,952	743	733	10	47	568	354
Health professions and related programs.....	182,570	124,339	21,339	17,074	12,846	12,247	599	964	4,232	1,776	192,635	129,050	22,531	19,960	13,417	12,841	576	905	4,893	1,879
Homeland security, law enforcement, and firefighting.....	29,083	13,688	7,426	6,029	670	577	93	239	837	194	28,559	13,386	7,123	6,013	679	564	115	223	907	228
Legal professions and studies.....	3,072	1,751	569	489	114	106	8	25	90	34	2,946	1,639	548	477	134	129	5	22	97	29
Liberal arts and sciences, general studies, and humanities.....	27,513	17,292	3,962	3,664	1,021	956	65	247	823	504	27,516	16,854	3,968	4,013	1,025	964	61	247	880	529
Library science.....	83	66	7	4	1	0	1	1	4	0	79	60	6	9	1	0	0	1	2	0
Mathematics and statistics.....	9,392	5,510	520	879	965	949	16	26	261	1,231	9,689	5,454	491	905	987	981	6	18	281	1,553
Mechanic and repair technologies/technicians.....	25	16	2	3	0	0	0	1	1	2	27	17	2	4	1	0	0	0	1	2
Military technologies and applied sciences.....	51	37	8	3	0	0	0	0	1	2	68	42	14	8	1	0	1	0	3	0
Multi/interdisciplinary studies.....	31,626	19,050	3,789	5,021	1,846	1,768	78	194	1,012	714	32,547	18,726	4,317	5,241	2,070	1,993	77	175	1,201	817
Parks, recreation, leisure, and fitness studies.....	23,058	16,302	2,174	2,340	1,011	952	59	140	773	318	24,209	16,529	2,505	2,731	1,023	970	53	148	925	348
Philosophy and religious studies.....	4,067	2,728	360	434	248	237	11	17	164	116	3,785	2,441	381	435	240	227	13	18	166	104
Physical sciences and science technologies.....	11,562	7,274	806	1,074	1,346	1,322	24	58	374	630	11,811	7,438	794	1,074	1,322	1,299	23	61	448	674
Precision production.....	15	6	2	2	4	4	0	0	0	1	22	10	0	3	1	0	0	0	1	7
Psychology.....	90,770	53,895	11,604	14,360	5,496	5,275	221	471	3,017	1,927	91,161	52,288	11,761	15,556	5,497	5,288	209	512	3,360	2,187
Public administration and social services.....	28,218	15,717	6,351	4,052	864	779	85	227	739	268	28,407	15,368	6,400	4,425	842	758	84	215	876	281
Social sciences and history.....	81,487	45,108	9,611	12,698	6,101	5,912	189	439	3,039	4,491	79,930	42,616	9,371	13,601	5,783	5,609	174	422	3,322	4,815
Social sciences.....	70,235	36,757	8,912	11,459	5,712	5,531	181	384	2,664	4,347	69,620	35,117	8,722	12,355	5,435	5,280	155	373	2,929	4,689
History.....	11,252	8,351	699	1,239	389	381	8	55	375	144	10,310	7,499	649	1,246	348	329	19	49	393	126
Theology and religious vocations.....	3,097	2,285	366	206	81	69	12	15	69	75	3,055	2,205	400	233	78	74	4	15	68	56
Transportation and materials moving.....	584	382	47	53	40	36	4	1	24	37	553	368	51	46	18	16	2	3	24	43
Visual and performing arts.....	57,816	38,763	3,567	6,456	3,614	3,508	106	300	2,194	2,922	56,269	36,400	3,622	6,598	3,685	3,562	123	250	2,318	3,396
Other and not classified.....	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

<sup>1</sup>Excludes "Construction trades" and "Mechanic and repair technologies/technicians," which are listed separately.

NOTE: Data are for postsecondary institutions participating in Title IV federal financial aid programs. Race categories exclude persons of Hispanic ethnicity. Reported racial/ethnic distributions of students by level of degree, field of degree, and sex were used to estimate race/ethnicity for students whose race/ethnicity was not reported. To facilitate trend comparisons, certain aggregations have been made of the degree fields as reported in the Integrated Postsecondary Education Data System (IPEDS): "Agriculture and natu-

ral resources" includes Agriculture, agriculture operations, and related sciences and Natural resources and conservation; and "Business" includes Business, management, marketing, and related support services and Personal and culinary services. Some data have been revised from previously published figures.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), Fall 2015 and Fall 2016, Completions component. (This table was prepared August 2017.)

**Table 323.10. Master's degrees conferred by postsecondary institutions, by field of study: Selected years, 1970–71 through 2015–16**

Field of study	1970-71	1975-76	1980-81	1985-86	1990-91	1995-96	2000-01	2005-06	2006-07	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
<b>Total</b> .....	<b>235,564</b>	<b>317,477</b>	<b>302,637</b>	<b>295,850</b>	<b>342,863</b>	<b>412,180</b>	<b>473,502</b>	<b>599,731</b>	<b>610,597</b>	<b>630,666</b>	<b>662,082</b>	<b>693,313</b>	<b>730,922</b>	<b>755,967</b>	<b>751,718</b>	<b>754,582</b>	<b>758,804</b>	<b>785,595</b>
Agriculture and natural resources .....	2,457	3,340	4,003	3,801	3,295	4,551	4,272	4,640	4,623	4,684	4,878	5,215	5,766	6,390	6,336	6,544	6,426	6,681
Architecture and related services.....	1,705	3,215	3,153	3,260	3,490	3,993	4,302	5,743	5,951	6,065	6,587	7,280	7,788	8,448	8,095	8,048	8,006	7,986
Area, ethnic, cultural, gender, and group studies.....	1,032	993	802	915	1,233	1,652	1,555	2,080	1,699	1,778	1,779	1,775	1,913	1,947	1,897	1,844	1,847	1,766
Biological and biomedical sciences .....	5,625	6,457	5,766	5,064	4,834	6,593	7,017	8,781	8,898	9,689	10,018	10,730	11,324	12,419	13,300	13,964	14,655	15,714
Business .....	26,490	42,592	57,888	66,676	78,255	93,554	115,602	146,406	150,211	155,637	168,404	177,748	187,178	191,606	188,617	189,364	185,236	186,834
Communication, journalism, and related programs....	1,770	2,961	2,896	3,500	4,123	5,080	5,218	7,244	6,773	6,915	7,042	7,630	8,302	9,005	8,760	9,353	9,581	9,676
Communications technologies .....	86	165	209	308	204	481	427	501	499	631	475	463	502	497	577	577	554	491
Computer and information sciences .....	1,588	2,603	4,218	8,070	9,324	10,579	16,911	17,055	16,232	17,087	17,907	17,955	19,516	20,925	22,782	24,514	31,475	40,128
Education.....	87,666	126,061	96,713	74,816	87,352	104,936	127,829	174,620	176,572	175,880	178,538	182,165	185,127	179,047	164,652	154,655	146,581	145,781
Engineering .....	16,813	16,472	16,893	21,529	24,454	26,789	25,174	30,848	29,299	31,557	34,546	35,133	38,664	40,323	40,420	42,376	46,117	51,621
Engineering technologies .....	134	328	323	617	996	2,054	2,013	2,541	2,690	2,873	3,462	4,258	4,515	4,793	4,908	4,967	5,324	6,064
English language and literature/letters.....	10,441	8,599	5,742	5,335	6,784	7,657	6,763	8,845	8,742	9,161	9,262	9,202	9,475	9,938	9,755	9,294	8,928	8,577
Family and consumer sciences/human sciences .....	1,452	2,179	2,570	2,011	1,541	1,712	1,838	1,983	2,080	2,199	2,453	2,592	2,918	3,155	3,255	3,082	3,148	3,228
Foreign languages, literatures, and linguistics.....	5,480	4,432	2,934	2,690	3,049	3,443	3,035	3,539	3,443	3,565	3,592	3,756	3,727	3,827	3,708	3,482	3,566	3,405
Health professions and related programs.....	5,330	12,164	16,176	18,603	21,354	33,920	43,623	51,380	54,531	58,120	62,642	69,112	75,571	84,355	90,933	97,416	103,052	110,348
Homeland security, law enforcement, and firefighting.	194	1,197	1,538	1,074	1,108	1,812	2,514	4,277	4,906	5,760	6,125	6,717	7,433	8,420	8,868	9,310	9,643	9,756
Legal professions and studies.....	955	1,442	1,832	1,924	2,057	2,751	3,829	4,453	4,486	4,815	5,150	5,767	6,475	6,614	7,013	7,654	7,924	8,178
Liberal arts and sciences, general studies, and humanities .....	885	2,633	2,375	1,586	2,213	2,778	3,193	3,702	3,634	3,797	3,729	3,822	3,997	3,792	3,264	3,002	2,794	2,599
Library science .....	7,001	8,037	4,859	3,564	4,763	5,099	4,727	6,448	6,767	7,162	7,091	7,448	7,729	7,443	6,983	5,840	5,259	4,926
Mathematics and statistics .....	5,191	3,857	2,567	3,131	3,549	3,651	3,209	4,730	4,884	4,980	5,211	5,639	5,866	6,246	6,957	7,273	7,589	8,446
Military technologies and applied sciences.....	2	0	43	83	0	136	0	0	202	0	3	0	0	29	32	29	71	152
Multi/interdisciplinary studies.....	924	1,283	2,356	2,869	2,079	2,713	3,413	4,391	4,611	5,165	5,225	5,947	6,762	7,746	7,953	8,120	8,100	8,571
Parks, recreation, leisure, and fitness studies.....	218	571	643	570	483	1,684	2,354	3,992	4,110	4,440	4,825	5,617	6,546	7,047	7,139	7,609	7,654	8,244
Philosophy and religious studies.....	1,326	1,358	1,231	1,193	1,471	1,363	1,386	1,739	1,716	1,879	1,859	2,045	1,839	2,003	1,934	2,095	1,912	1,756
Physical sciences and science technologies.....	6,336	5,428	5,246	5,860	5,281	5,910	5,134	6,063	6,012	6,061	5,862	6,066	6,386	6,911	7,014	6,984	7,100	7,122
Precision production .....	0	0	0	0	0	8	2	9	5	3	10	5	11	9	15	4	10	
Psychology.....	5,717	10,167	10,223	9,845	11,349	15,152	16,539	19,770	21,037	21,431	23,415	23,763	25,062	27,052	27,787	27,926	26,772	27,645
Public administration and social services.....	7,785	15,209	17,803	15,692	17,905	24,229	25,268	30,510	31,131	33,029	33,934	35,740	38,614	41,737	43,591	44,508	45,948	46,751
Social sciences and history.....	16,539	15,953	11,945	10,564	12,233	15,012	13,791	17,369	17,665	18,495	19,241	20,234	21,085	21,891	21,591	21,497	20,533	19,828
Theology and religious vocations.....	7,747	8,964	11,061	11,826	10,498	10,909	9,876	11,758	12,436	12,578	12,851	12,848	13,170	13,341	14,275	14,128	14,278	14,352
Transportation and materials moving.....	0	0	0	454	406	919	756	784	985	982	1,048	1,074	1,390	1,702	1,444	1,243	971	911
Visual and performing arts .....	6,675	8,817	8,629	8,420	8,657	10,280	11,404	13,530	13,767	14,164	14,918	15,562	16,277	17,307	17,869	17,756	18,048	
Not classified by field of study.....	0	0	0	0	8,523	780	528	0	0	84	0	0	0	0	0	0	0	0

NOTE: Data through 1990–91 are for institutions of higher education, while later data are for postsecondary institutions that participate in Title IV federal financial aid programs. The new Classification of Instructional Programs was initiated in 2009–10. The figures for earlier years have been reclassified when necessary to make them conform to the new taxonomy. To facilitate trend comparisons, certain aggregations have been made of the degree fields as reported in the Integrated Postsecondary Education Data System (IPEDS): "Agriculture and natural resources" includes Agriculture, agriculture operations, and related sciences and Natural resources and conservation; "Business" includes Business, management, marketing, and related support services and Personal and culinary services; and "Engineering technologies" includes Engineering technolo-

gies and engineering-related fields, Construction trades, and Mechanic and repair technologies/technicians. Some data have been revised from previously published figures.  
SOURCE: U.S. Department of Education, National Center for Education Statistics, Higher Education General Information Survey (HEGIS), "Degrees and Other Formal Awards Conferred" surveys, 1970–71 through 1985–86; Integrated Postsecondary Education Data System (IPEDS), "Completions Survey" (IPEDS-C:91–99); and IPEDS Fall 2000 through Fall 2016, Completions component. (This table was prepared August 2017.)

**Table 323.20. Master's degrees conferred by postsecondary institutions, by race/ethnicity and sex of student: Selected years, 1976–77 through 2015–16**

Year and sex	Number of degrees conferred to U.S. citizens and nonresident aliens								Percentage distribution of degrees conferred to U.S. citizens						
	Total	White	Black	Hispanic	Asian/ Pacific Islander	American Indian/ Alaska Native	Two or more races	Non- resident alien	Total	White	Black	Hispanic	Asian/ Pacific Islander	American Indian/ Alaska Native	Two or more races
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
<b>Total</b>															
1976–77 <sup>1</sup>	322,463	271,402	21,252	6,136	5,127	1,018	—	17,528	100.0	89.0	7.0	2.0	1.7	0.3	—
1980–81 <sup>2</sup>	301,081	247,475	17,436	6,534	6,348	1,044	—	22,244	100.0	88.8	6.3	2.3	2.3	0.4	—
1990–91	342,863	265,927	17,023	8,981	11,869	1,189	—	37,874	100.0	87.2	5.6	2.9	3.9	0.4	—
1999–2000	463,185	324,990	36,606	19,379	23,523	2,263	—	56,424	100.0	79.9	9.0	4.8	5.8	0.6	—
2000–01	473,502	324,211	38,853	21,661	24,544	2,496	—	61,737	100.0	78.7	9.4	5.3	6.0	0.6	—
2001–02	487,313	331,427	41,006	22,517	25,681	2,632	—	64,050	100.0	78.3	9.7	5.3	6.1	0.6	—
2002–03	518,699	346,003	45,150	25,200	27,492	2,886	—	71,968	100.0	77.5	10.1	5.6	6.2	0.6	—
2003–04	564,272	373,448	51,402	29,806	31,202	3,206	—	75,208	100.0	76.4	10.5	6.1	6.4	0.7	—
2004–05	580,151	383,246	55,330	31,639	33,042	3,310	—	73,584	100.0	75.7	10.9	6.2	6.5	0.7	—
2005–06	599,731	397,439	59,806	32,567	34,289	3,519	—	72,111	100.0	75.3	11.3	6.2	6.5	0.7	—
2006–07	610,597	403,562	63,412	34,967	36,491	3,589	—	68,576	100.0	74.5	11.7	6.5	6.7	0.7	—
2007–08	630,666	413,179	65,914	36,972	37,722	3,777	—	73,102	100.0	74.1	11.8	6.6	6.8	0.7	—
2008–09	662,082	427,713	70,772	39,567	40,510	3,777	—	79,743	100.0	73.4	12.2	6.8	7.0	0.6	—
2009–10	693,313	445,158	76,472	43,603	42,520	3,965	—	81,595	100.0	72.8	12.5	7.1	7.0	0.6	—
2010–11	730,922	462,922	80,742	46,823	43,482	3,946	6,597	86,410	100.0	71.8	12.5	7.3	6.7	0.6	1.0
2011–12	755,967	470,822	86,007	50,994	45,379	3,681	9,823	89,261	100.0	70.6	12.9	7.6	6.8	0.6	1.5
2012–13	751,718	455,896	87,989	52,991	44,906	3,693	11,794	94,449	100.0	69.4	13.4	8.1	6.8	0.6	1.8
2013–14	754,582	444,771	88,606	55,962	44,533	3,512	13,417	103,781	100.0	68.3	13.6	8.6	6.8	0.5	2.1
2014–15	758,804	433,096	87,288	58,752	44,489	3,410	14,628	117,141	100.0	67.5	13.6	9.2	6.9	0.5	2.3
2015–16	785,595	431,850	88,817	62,946	45,917	3,540	16,583	135,942	100.0	66.5	13.7	9.7	7.1	0.5	2.6
<b>Males</b>															
1976–77 <sup>1</sup>	172,703	144,042	7,970	3,328	3,128	565	—	13,670	100.0	90.6	5.0	2.1	2.0	0.4	—
1980–81 <sup>2</sup>	151,602	120,927	6,418	3,155	3,830	507	—	16,765	100.0	89.7	4.8	2.3	2.8	0.4	—
1990–91	160,842	117,993	6,201	4,017	6,765	495	—	25,371	100.0	87.1	4.6	3.0	5.0	0.4	—
1999–2000	196,129	131,221	11,642	7,738	11,299	845	—	33,384	100.0	80.6	7.2	4.8	6.9	0.5	—
2000–01	197,770	128,516	11,878	8,371	11,561	925	—	36,519	100.0	79.7	7.4	5.2	7.2	0.6	—
2001–02	202,604	131,316	12,119	8,539	11,956	995	—	37,679	100.0	79.6	7.3	5.2	7.2	0.6	—
2002–03	215,172	135,938	13,224	9,389	12,704	1,043	—	42,874	100.0	78.9	7.7	5.4	7.4	0.6	—
2003–04	233,056	146,369	15,027	10,929	14,551	1,137	—	45,043	100.0	77.9	8.0	5.8	7.7	0.6	—
2004–05	237,155	150,076	16,136	11,501	15,238	1,167	—	43,037	100.0	77.3	8.3	5.9	7.8	0.6	—
2005–06	241,656	153,666	17,384	11,739	16,031	1,252	—	41,584	100.0	76.8	8.7	5.9	8.0	0.6	—
2006–07	242,189	154,241	18,333	12,473	16,728	1,275	—	39,139	100.0	76.0	9.0	6.1	8.2	0.6	—
2007–08	250,169	157,596	18,761	13,189	17,476	1,293	—	41,854	100.0	75.7	9.0	6.3	8.4	0.6	—
2008–09	263,515	162,863	20,146	14,314	18,865	1,349	—	45,978	100.0	74.9	9.8	6.6	8.7	0.6	—
2009–10	275,317	170,243	22,121	15,554	19,423	1,419	—	46,557	100.0	74.4	9.7	6.8	8.5	0.6	—
2010–11	291,680	177,786	23,746	17,183	19,918	1,409	2,540	49,098	100.0	73.3	9.8	7.1	8.2	0.6	1.0
2011–12	302,484	183,222	25,284	18,633	20,751	1,298	3,518	49,778	100.0	72.5	10.0	7.4	8.2	0.5	1.4
2012–13	301,552	177,208	26,417	19,441	20,456	1,280	4,472	52,278	100.0	71.1	10.6	7.8	8.2	0.5	1.8
2013–14	302,846	173,303	26,608	20,565	19,955	1,219	4,890	56,306	100.0	70.3	10.8	8.3	8.1	0.5	2.0
2014–15	306,615	168,151	26,295	21,384	19,577	1,223	5,438	64,547	100.0	69.5	10.9	8.8	8.1	0.5	2.2
2015–16	320,444	166,102	27,029	22,701	20,068	1,230	6,125	77,189	100.0	68.3	11.1	9.3	8.2	0.5	2.5
<b>Females</b>															
1976–77 <sup>1</sup>	149,760	127,360	13,282	2,808	1,999	453	—	3,858	100.0	87.3	9.1	1.9	1.4	0.3	—
1980–81 <sup>2</sup>	149,479	126,548	11,018	3,379	2,518	537	—	5,479	100.0	87.9	7.7	2.3	1.7	0.4	—
1990–91	182,021	147,934	10,822	4,964	5,104	694	—	12,503	100.0	87.3	6.4	2.9	3.0	0.4	—
1999–2000	267,056	193,769	24,964	11,641	12,224	1,418	—	23,040	100.0	79.4	10.2	4.8	5.0	0.6	—
2000–01	275,732	195,695	26,975	13,290	12,983	1,571	—	25,218	100.0	78.1	10.8	5.3	5.2	0.6	—
2001–02	284,709	200,111	28,887	13,978	13,725	1,637	—	26,371	100.0	77.5	11.2	5.4	5.3	0.6	—
2002–03	303,527	210,065	31,926	15,811	14,788	1,843	—	29,094	100.0	76.5	11.6	5.8	5.4	0.7	—
2003–04	331,216	227,079	36,375	18,877	16,651	2,069	—	30,165	100.0	75.4	12.1	6.3	5.5	0.7	—
2004–05	342,996	233,170	39,194	20,138	17,804	2,143	—	30,547	100.0	74.6	12.5	6.4	5.7	0.7	—
2005–06	358,075	243,773	42,422	20,828	18,258	2,267	—	30,527	100.0	74.4	13.0	6.4	5.6	0.7	—
2006–07	368,408	249,321	45,079	22,494	19,763	2,314	—	29,437	100.0	73.6	13.3	6.6	5.8	0.7	—
2007–08	380,497	255,583	47,153	23,783	20,246	2,484	—	31,248	100.0	73.2	13.5	6.8	5.8	0.7	—
2008–09	398,567	264,850	50,626	25,253	21,645	2,428	—	33,765	100.0	72.6	13.9	6.9	5.9	0.7	—
2009–10	417,996	274,915	54,351	28,049	23,097	2,546	—	35,038	100.0	71.8	14.2	7.3	6.0	0.7	—
2010–11	439,242	285,136	56,996	29,640	23,564	2,537	4,057	37,312	100.0	70.9	14.2	7.4	5.9	0.6	1.0
2011–12	453,483	287,600	60,723	32,361	24,628	2,383	6,305	39,483	100.0	69.5	14.7	7.8	5.9	0.6	1.5
2012–13	450,166	278,688	61,572	33,550	24,450	2,413	7,322	42,171	100.0	68.3	15.1	8.2	6.0	0.6	1.8
2013–14	451,736	271,468	61,998	35,397	24,578	2,293	8,527	47,475	100.0	67.2	15.3	8.8	6.1	0.6	2.1
2014–15	452,189	264,945	60,993	37,368	24,912	2,187	9,190	52,594	100.0	66.3	15.3	9.4	6.2	0.5	2.3
2015–16	465,151	265,748	61,788	40,245	25,849	2,310	10,458	58,753	100.0	65.4	15.2	9.9	6.4	0.6	2.6

—Not available.

<sup>1</sup>Excludes 387 males and 175 females whose racial/ethnic group was not available.

<sup>2</sup>Excludes 1,377 males and 179 females whose racial/ethnic group was not available.

NOTE: Data through 1990–91 are for institutions of higher education, while later data are for postsecondary institutions participating in Title IV federal financial aid programs. Race categories exclude persons of Hispanic ethnicity. For 1989–90 and later years, reported racial/ethnic distributions of students by level of degree, field of degree, and sex were used to estimate race/ethnicity for students whose race/ethnicity was not reported. Detail

may not sum to totals because of rounding. Some data have been revised from previously published figures.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Higher Education General Information Survey (HEGIS), "Degrees and Other Formal Awards Conferred" surveys, 1976–77 and 1980–81; Integrated Postsecondary Education Data System (IPEDS), "Completions Survey" (IPEDS-C:90–99); and IPEDS Fall 2000 through Fall 2016, Completions component. (This table was prepared August 2017.)

**Table 323.30. Master's degrees conferred by postsecondary institutions, by race/ethnicity and field of study: 2014–15 and 2015–16**

Field of study	2014–15										2015–16									
	Total	White	Black	Hispanic	Asian/Pacific Islander			American Indian/Alaska Native	Two or more races	Non-resident alien	Total	White	Black	Hispanic	Asian/Pacific Islander			American Indian/Alaska Native	Two or more races	Non-resident alien
					Total	Asian	Pacific Islander								Total	Asian	Pacific Islander			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
<b>All fields, total</b>	<b>758,804</b>	<b>433,096</b>	<b>87,288</b>	<b>58,752</b>	<b>44,489</b>	<b>42,884</b>	<b>1,605</b>	<b>3,410</b>	<b>14,628</b>	<b>117,141</b>	<b>785,595</b>	<b>431,850</b>	<b>88,817</b>	<b>62,946</b>	<b>45,917</b>	<b>44,332</b>	<b>1,585</b>	<b>3,540</b>	<b>16,583</b>	<b>135,942</b>
Agriculture and natural resources	6,426	4,497	219	302	209	198	11	44	144	1,011	6,681	4,631	228	355	200	197	3	31	136	1,100
Architecture and related services	8,006	4,185	334	734	493	483	10	19	181	2,060	7,986	3,906	335	722	479	471	8	12	168	2,364
Area, ethnic, cultural, gender, and group studies	1,847	932	170	240	103	98	5	40	72	290	1,766	822	160	271	84	80	4	44	61	324
Biological and biomedical sciences	14,655	7,919	966	936	1,988	1,967	21	43	365	2,438	15,714	8,423	1,072	1,176	2,075	2,062	13	28	437	2,503
Business	185,236	95,435	26,187	13,881	13,860	13,344	516	804	3,347	31,722	186,834	94,405	26,227	14,518	13,865	13,373	492	775	3,640	33,404
Communication, journalism, and related programs	9,581	5,138	1,103	752	355	343	12	32	242	1,959	9,676	5,061	1,243	809	336	320	16	31	257	1,939
Communications technologies	554	185	48	48	35	34	1	0	3	235	491	166	35	27	18	18	0	1	9	235
Computer and information sciences	31,475	8,008	2,124	1,092	2,458	2,415	43	59	382	17,352	40,128	8,017	2,208	1,192	2,909	2,869	40	66	428	25,308
Construction trades	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Education	146,581	103,647	16,789	13,756	4,616	4,291	325	783	2,579	4,411	145,781	101,764	16,286	14,680	4,705	4,395	310	861	2,990	4,495
Engineering	46,117	14,965	1,211	2,023	3,576	3,537	39	54	585	23,703	51,621	14,713	1,174	1,990	3,696	3,673	23	72	711	29,265
Engineering technologies and engineering-related fields <sup>1</sup>	5,324	2,355	413	279	298	295	3	29	63	1,887	6,064	2,325	403	258	288	282	6	25	85	2,680
English language and literature/letters	8,928	6,788	506	657	285	278	7	49	273	370	8,577	6,440	497	655	262	256	6	46	301	376
Family and consumer sciences/human sciences	3,148	1,971	505	241	151	143	8	25	46	209	3,228	1,964	516	324	111	107	4	18	70	225
Foreign languages, literatures, and linguistics	3,566	1,811	76	585	121	121	0	6	80	887	3,405	1,647	87	539	140	135	5	15	86	891
Health professions and related programs	103,052	67,965	13,228	7,305	8,211	7,950	261	526	2,022	3,795	110,348	71,620	14,177	8,435	8,857	8,534	323	562	2,498	4,199
Homeland security, law enforcement, and firefighting	9,643	5,681	2,325	954	235	204	31	62	211	175	9,756	5,608	2,359	1,018	259	233	26	79	227	206
Legal professions and studies	7,924	2,005	621	364	247	238	9	58	70	4,559	8,178	2,087	558	430	243	234	9	51	71	4,738
Liberal arts and sciences, general studies, and humanities	2,794	1,862	333	236	75	72	3	18	79	191	2,599	1,736	290	235	51	46	5	20	83	184
Library science	5,259	4,146	275	432	169	163	6	28	125	84	4,926	3,850	238	391	161	155	6	20	184	82
Mathematics and statistics	7,589	2,784	200	281	536	532	4	8	100	3,680	8,446	2,813	197	294	570	566	4	9	100	4,463
Mechanic and repair technologies/technicians	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Military technologies and applied sciences	71	54	9	3	2	2	0	0	0	3	152	102	23	5	6	6	0	0	4	12
Multi/interdisciplinary studies	8,100	4,879	751	657	439	419	20	39	186	1,149	8,571	5,079	854	669	532	506	26	36	199	1,202
Parks, recreation, leisure, and fitness studies	7,654	5,455	936	431	188	167	21	43	210	391	8,244	5,785	1,046	556	152	141	11	42	197	466
Philosophy and religious studies	1,912	1,403	137	109	60	59	1	5	28	170	1,756	1,233	126	124	61	59	2	3	46	163
Physical sciences and science technologies	7,100	3,975	206	358	357	353	4	15	131	2,058	7,122	3,883	181	378	415	409	6	30	176	2,059
Precision production	4	1	0	0	1	1	0	0	0	2	10	7	0	0	0	0	0	0	0	3
Psychology	26,772	17,353	3,610	2,928	1,092	1,019	73	140	655	994	27,645	17,583	3,790	3,179	1,109	1,045	64	152	744	1,088
Public administration and social services	45,948	25,610	9,003	5,605	1,758	1,670	88	293	1,165	2,514	46,751	25,468	9,325	5,982	1,776	1,667	109	296	1,336	2,568
Social sciences and history	20,533	11,797	1,544	1,608	891	867	24	74	522	4,097	19,828	11,132	1,466	1,626	852	830	22	71	503	4,178
Social sciences	16,830	8,808	1,402	1,356	820	801	19	49	428	3,967	16,373	8,394	1,313	1,352	788	774	14	58	409	4,059
History	3,703	2,989	142	252	71	66	5	25	94	130	3,455	2,738	153	274	64	56	8	13	94	119
Theology and religious vocations	14,278	9,308	2,273	711	733	705	28	42	220	991	14,352	9,049	2,476	770	743	721	22	71	243	1,000
Transportation and materials moving	971	657	82	67	35	33	2	10	48	72	911	612	72	49	39	38	1	6	44	89
Visual and performing arts	17,756	10,325	1,104	1,177	912	883	29	62	494	3,682	18,048	9,919	1,168	1,289	923	904	19	67	549	4,133
Other and not classified	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

<sup>1</sup>Excludes "Construction trades" and "Mechanic and repair technologies/technicians," which are listed separately.  
NOTE: Data are for postsecondary institutions participating in Title IV federal financial aid programs. Race categories exclude persons of Hispanic ethnicity. Reported racial/ethnic distributions of students by level of degree, field of degree, and sex were used to estimate race/ethnicity for students whose race/ethnicity was not reported. To facilitate trend comparisons, certain aggregations have been made of the degree fields as reported in the Integrated Postsecondary Education Data System (IPEDS): \*Agriculture

and natural resources" includes Agriculture, agriculture operations, and related sciences and Natural resources and conservation; and "Business" includes Business, management, marketing, and related support services and Personal and culinary services. Some data have been revised from previously published figures.  
SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), Fall 2015 and Fall 2016, Completions component. (This table was prepared August 2017.)

**Table 324.10. Doctor's degrees conferred by postsecondary institutions, by field of study: Selected years, 1970–71 through 2015–16**

Field of study	1970–71	1975–76	1980–81	1985–86	1990–91	1995–96	2000–01	2005–06	2006–07	2007–08	2008–09	2009–10	2010–11	2011–12	2012–13	2013–14	2014–15	2015–16
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
<b>Total</b> .....	<b>64,998</b>	<b>91,007</b>	<b>98,016</b>	<b>100,280</b>	<b>105,547</b>	<b>115,507</b>	<b>119,585</b>	<b>138,056</b>	<b>144,690</b>	<b>149,378</b>	<b>154,564</b>	<b>158,590</b>	<b>163,827</b>	<b>170,217</b>	<b>175,026</b>	<b>177,587</b>	<b>178,548</b>	<b>177,867</b>
Agriculture and natural resources .....	1,086	928	1,067	1,158	1,185	1,259	1,127	1,194	1,272	1,257	1,328	1,149	1,246	1,333	1,411	1,407	1,561	1,508
Architecture and related services .....	36	82	93	73	135	141	153	201	178	199	212	210	205	255	247	247	272	236
Area, ethnic, cultural, gender, and group studies .....	143	186	161	156	159	183	216	226	233	270	239	253	278	302	291	336	312	316
Biological and biomedical sciences .....	3,603	3,347	3,640	3,405	4,152	5,250	5,225	6,162	6,764	7,400	7,499	7,672	7,693	7,935	7,939	8,302	8,053	7,914
Business .....	774	906	808	923	1,185	1,366	1,180	1,711	2,029	2,084	2,123	2,249	2,286	2,538	2,828	3,039	3,116	3,323
Communication, journalism, and related programs ....	145	196	171	212	259	338	368	461	479	489	533	570	577	563	612	611	644	629
Communications technologies .....	0	8	11	6	13	7	2	3	1	7	2	3	1	4	0	3	0	4
Computer and information sciences .....	128	244	252	344	676	869	768	1,416	1,595	1,698	1,580	1,599	1,588	1,698	1,834	1,982	1,998	1,979
Education .....	6,041	7,202	7,279	6,610	6,189	6,246	6,284	7,584	8,261	8,491	9,028	9,237	9,642	10,118	10,572	10,929	11,772	11,829
Engineering .....	3,687	2,872	2,598	3,444	5,316	6,304	5,485	7,243	7,867	7,922	7,744	7,706	8,369	8,722	9,356	10,010	10,239	10,209
Engineering technologies .....	1	2	10	12	14	50	62	75	61	55	59	67	56	134	111	107	123	133
English language and literature/letters .....	1,554	1,514	1,040	895	1,056	1,395	1,330	1,254	1,178	1,262	1,271	1,334	1,344	1,427	1,377	1,393	1,418	1,392
Family and consumer sciences/human sciences .....	123	178	247	307	229	375	354	340	337	323	333	296	320	325	351	335	335	374
Foreign languages, literatures, and linguistics .....	1,084	1,245	931	768	889	1,020	1,078	1,074	1,059	1,078	1,111	1,091	1,158	1,231	1,304	1,230	1,243	1,265
Health professions and related programs .....	15,988	25,267	29,595	31,922	29,842	32,678	39,019	45,677	48,943	51,675	54,846	57,750	60,221	62,097	64,192	67,447	71,004	73,682
Homeland security, law enforcement, and firefighting.	1	9	21	21	28	38	44	80	85	88	97	106	131	117	147	152	193	205
Legal professions and studies .....	17,441	32,369	36,391	35,898	38,035	39,919	38,190	43,569	43,629	43,880	44,304	44,627	44,853	46,836	47,246	44,169	40,329	37,030
Liberal arts and sciences, general studies, and humanities .....	32	162	121	90	70	75	102	84	77	76	67	96	95	93	98	90	96	105
Library science .....	39	71	71	62	56	53	58	44	52	64	35	64	50	60	50	52	44	54
Mathematics and statistics .....	1,199	856	728	742	978	1,158	997	1,293	1,351	1,360	1,535	1,596	1,586	1,669	1,823	1,863	1,801	1,850
Multi/interdisciplinary studies .....	101	156	236	352	306	549	512	600	683	660	731	631	660	727	730	769	840	849
Parks, recreation, leisure, and fitness studies .....	2	15	42	39	28	104	177	194	218	228	285	266	257	288	295	317	311	331
Philosophy and religious studies .....	555	556	411	480	464	550	600	578	637	635	686	667	804	778	794	698	762	746
Physical sciences and science technologies .....	4,324	3,388	3,105	3,521	4,248	4,589	3,968	4,642	5,041	4,994	5,237	5,065	5,295	5,370	5,514	5,806	5,823	6,016
Psychology .....	2,144	3,157	3,576	3,593	3,932	4,141	5,091	4,921	5,153	5,296	5,477	5,540	5,851	5,936	6,326	6,634	6,583	6,532
Public administration and social services .....	174	292	362	382	430	499	574	704	726	760	812	838	851	890	979	1,047	1,123	1,065
Social sciences and history .....	3,660	4,157	3,122	2,955	3,012	3,760	3,930	3,914	3,844	4,059	4,234	4,238	4,390	4,597	4,610	4,724	4,828	4,667
Theology and religious vocations .....	312	1,022	1,273	1,185	1,076	1,517	1,461	1,429	1,573	1,615	1,587	2,071	2,374	2,446	2,174	2,103	1,927	1,808
Transportation and materials moving .....	0	0	0	3	0	0	0	0	0	0	0	0	0	0	1	7	5	8
Visual and performing arts .....	621	620	654	722	838	1,067	1,167	1,383	1,364	1,453	1,569	1,599	1,646	1,728	1,814	1,778	1,793	1,808
Not classified by field of study .....	0	0	0	0	747	7	63	0	0	0	0	0	0	0	0	0	0	0

NOTE: Data through 1990–91 are for institutions of higher education, while later data are for postsecondary institutions that participate in Title IV federal financial aid programs. The new Classification of Instructional Programs was initiated in 2009–10. Includes Ph.D., Ed.D., and comparable degrees at the doctoral level, as well as such degrees as M.D., D.D.S., and law degrees that were formerly classified as first-professional degrees. The figures for earlier years have been reclassified when necessary to make them conform to the new taxonomy. To facilitate trend comparisons, certain aggregations have been made of the degree fields as reported in the Integrated Postsecondary Education Data System (IPEDS): "Agriculture and natural resources" includes Agriculture, agriculture operations, and related sciences and Natural resources and conservation;

"Business" includes Business, management, marketing, and related support services and Personal and culinary services; and "Engineering technologies" includes Engineering technologies and engineering-related fields, Construction trades, and Mechanic and repair technologies/technicians. Some data have been revised from previously published figures. SOURCE: U.S. Department of Education, National Center for Education Statistics, Higher Education General Information Survey (HEGIS), "Degrees and Other Formal Awards Conferred" surveys, 1970–71 through 1985–86; Integrated Postsecondary Education Data System (IPEDS), "Completions Survey" (IPEDS-C:91–99); and IPEDS Fall 2000 through Fall 2016, Completions component. (This table was prepared August 2017.)

**Table 324.20. Doctor's degrees conferred by postsecondary institutions, by race/ethnicity and sex of student: Selected years, 1976–77 through 2015–16**

Year and sex	Number of degrees conferred <sup>1</sup> to U.S. citizens and nonresident aliens								Percentage distribution of degrees conferred <sup>1</sup> to U.S. citizens						
	Total	White	Black	Hispanic	Asian/ Pacific Islander	American Indian/ Alaska Native	Two or more races	Non- resident alien	Total	White	Black	Hispanic	Asian/ Pacific Islander	American Indian/ Alaska Native	Two or more races
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
<b>Total</b>															
1976–77 <sup>2</sup>	91,218	79,932	3,575	1,533	1,674	240	—	4,264	100.0	91.9	4.1	1.8	1.9	0.3	—
1980–81 <sup>3</sup>	97,281	84,200	3,893	1,924	2,267	312	—	4,685	100.0	90.9	4.2	2.1	2.4	0.3	—
1990–91	105,547	81,791	4,429	3,210	5,120	356	—	10,641	100.0	86.2	4.7	3.4	5.4	0.4	—
1999–2000	118,736	82,984	7,078	5,042	10,682	708	—	12,242	100.0	77.9	6.6	4.7	10.0	0.7	—
2000–01	119,585	82,321	7,035	5,204	11,587	705	—	12,733	100.0	77.0	6.6	4.9	10.8	0.7	—
2001–02	119,663	81,995	7,570	5,267	11,633	753	—	12,445	100.0	76.5	7.1	4.9	10.8	0.7	—
2002–03	121,579	82,549	7,537	5,503	12,008	759	—	13,223	100.0	76.2	7.0	5.1	11.1	0.7	—
2003–04	126,087	84,695	8,089	5,795	12,371	771	—	14,366	100.0	75.8	7.2	5.2	11.1	0.7	—
2004–05	134,387	89,763	8,527	6,115	13,176	788	—	16,018	100.0	75.8	7.2	5.2	11.1	0.7	—
2005–06	138,056	91,050	8,523	6,202	13,686	929	—	17,666	100.0	75.6	7.1	5.2	11.4	0.8	—
2006–07	144,690	94,248	9,377	6,593	14,924	918	—	18,630	100.0	74.8	7.4	5.2	11.8	0.7	—
2007–08	149,378	97,839	9,463	6,949	15,203	932	—	18,992	100.0	75.0	7.3	5.3	11.7	0.7	—
2008–09	154,564	101,400	10,188	7,497	15,840	978	—	18,661	100.0	74.6	7.5	5.5	11.7	0.7	—
2009–10	158,590	104,419	10,413	8,085	16,560	952	—	18,161	100.0	74.4	7.4	5.8	11.8	0.7	—
2010–11	163,827	105,990	10,934	8,662	17,078	947	1,251	18,965	100.0	73.2	7.5	6.0	11.8	0.7	0.9
2011–12	170,217	109,365	11,794	9,223	17,896	915	1,571	19,453	100.0	72.5	7.8	6.1	11.9	0.6	1.0
2012–13	175,026	110,759	12,085	10,108	18,406	900	2,440	20,328	100.0	71.6	7.8	6.5	11.9	0.6	1.6
2013–14	177,587	110,157	12,621	10,665	19,118	861	2,966	21,199	100.0	70.4	8.1	6.8	12.2	0.6	1.9
2014–15	178,548	108,914	13,272	11,263	19,186	884	3,670	21,359	100.0	69.3	8.4	7.2	12.2	0.6	2.3
2015–16	177,867	107,108	13,365	11,766	19,580	808	3,780	21,460	100.0	68.5	8.5	7.5	12.5	0.5	2.4
<b>Males</b>															
1976–77 <sup>2</sup>	71,709	62,977	2,338	1,216	1,311	182	—	3,685	100.0	92.6	3.4	1.8	1.9	0.3	—
1980–81 <sup>3</sup>	68,853	59,574	2,206	1,338	1,589	223	—	3,923	100.0	91.8	3.4	2.1	2.4	0.3	—
1990–91	64,242	48,812	1,991	1,835	3,038	196	—	8,370	100.0	87.4	3.6	3.3	5.4	0.4	—
1999–2000	64,930	45,308	2,762	2,602	5,467	333	—	8,458	100.0	80.2	4.9	4.6	9.7	0.6	—
2000–01	64,171	44,131	2,655	2,564	5,759	346	—	8,716	100.0	79.6	4.8	4.6	10.4	0.6	—
2001–02	62,731	43,014	2,821	2,586	5,645	357	—	8,308	100.0	79.0	5.2	4.8	10.4	0.7	—
2002–03	62,730	42,569	2,735	2,671	5,683	358	—	8,714	100.0	78.8	5.1	4.9	10.5	0.7	—
2003–04	63,981	43,014	2,888	2,731	5,620	357	—	9,371	100.0	78.8	5.3	5.0	10.3	0.7	—
2004–05	67,257	44,749	2,904	2,863	5,913	370	—	10,458	100.0	78.8	5.1	5.0	10.4	0.7	—
2005–06	68,912	45,476	2,949	2,850	5,977	429	—	11,231	100.0	78.8	5.1	4.9	10.4	0.7	—
2006–07	71,308	46,228	3,225	3,049	6,597	421	—	11,788	100.0	77.7	5.4	5.1	11.1	0.7	—
2007–08	73,453	48,203	3,296	3,146	6,535	447	—	11,826	100.0	78.2	5.3	5.1	10.6	0.7	—
2008–09	75,674	49,880	3,531	3,388	6,914	460	—	11,501	100.0	77.7	5.5	5.3	10.8	0.7	—
2009–10	76,610	50,707	3,609	3,642	7,184	430	—	11,038	100.0	77.3	5.5	5.6	11.0	0.7	—
2010–11	79,672	51,688	3,838	3,990	7,545	454	557	11,600	100.0	75.9	5.6	5.9	11.1	0.7	0.8
2011–12	82,670	53,488	4,121	4,218	7,792	418	701	11,932	100.0	75.6	5.8	6.0	11.0	0.6	1.0
2012–13	85,080	54,196	4,310	4,473	8,190	400	1,085	12,426	100.0	74.6	5.9	6.2	11.3	0.6	1.5
2013–14	85,585	53,374	4,510	4,788	8,270	365	1,297	12,981	100.0	73.5	6.2	6.6	11.4	0.5	1.8
2014–15	84,922	52,069	4,464	5,011	8,330	410	1,678	12,960	100.0	72.4	6.2	7.0	11.6	0.6	2.3
2015–16	84,089	50,628	4,558	5,113	8,614	368	1,717	13,091	100.0	71.3	6.4	7.2	12.1	0.5	2.4
<b>Females</b>															
1976–77 <sup>2</sup>	19,509	16,955	1,237	317	363	58	—	579	100.0	89.6	6.5	1.7	1.9	0.3	—
1980–81 <sup>3</sup>	28,428	24,626	1,687	586	678	89	—	762	100.0	89.0	6.1	2.1	2.5	0.3	—
1990–91	41,305	32,979	2,438	1,375	2,082	160	—	2,271	100.0	84.5	6.2	3.5	5.3	0.4	—
1999–2000	53,806	37,676	4,316	2,440	5,215	375	—	3,784	100.0	75.3	8.6	4.9	10.4	0.7	—
2000–01	55,414	38,190	4,380	2,640	5,828	359	—	4,017	100.0	74.3	8.5	5.1	11.3	0.7	—
2001–02	56,932	38,981	4,749	2,681	5,988	396	—	4,137	100.0	73.8	9.0	5.1	11.3	0.8	—
2002–03	58,849	39,980	4,802	2,832	6,325	401	—	4,509	100.0	73.6	8.8	5.2	11.6	0.7	—
2003–04	62,106	41,681	5,201	3,064	6,751	414	—	4,995	100.0	73.0	9.1	5.4	11.8	0.7	—
2004–05	67,130	45,014	5,623	3,252	7,263	418	—	5,560	100.0	73.1	9.1	5.3	11.8	0.7	—
2005–06	69,144	45,574	5,574	3,352	7,709	500	—	6,435	100.0	72.7	8.9	5.3	12.3	0.8	—
2006–07	73,382	48,020	6,152	3,544	8,327	497	—	6,842	100.0	72.2	9.2	5.3	12.5	0.7	—
2007–08	75,925	49,636	6,167	3,803	8,668	485	—	7,166	100.0	72.2	9.0	5.5	12.6	0.7	—
2008–09	78,890	51,520	6,657	4,109	9,826	518	—	7,160	100.0	71.8	9.3	5.7	12.4	0.7	—
2009–10	81,980	53,712	6,804	4,443	9,376	522	—	7,123	100.0	71.8	9.1	5.9	12.5	0.7	—
2010–11	84,155	54,302	7,096	4,672	9,533	493	694	7,365	100.0	70.7	9.2	6.1	12.4	0.6	0.9
2011–12	87,547	55,877	7,673	5,005	10,104	497	870	7,521	100.0	69.8	9.6	6.3	12.6	0.6	1.1
2012–13	89,946	56,563	7,775	5,635	10,216	500	1,355	7,902	100.0	68.9	9.5	6.9	12.5	0.6	1.7
2013–14	92,002	56,783	8,111	5,877	10,848	496	1,669	8,218	100.0	67.8	9.7	7.0	12.9	0.6	2.0
2014–15	93,626	56,845	8,808	6,252	10,856	474	1,992	8,399	100.0	66.7	10.3	7.3	12.7	0.6	2.3
2015–16	93,778	56,480	8,807	6,653	10,966	440	2,063	8,369	100.0	66.1	10.3	7.8	12.8	0.5	2.4

—Not available.

<sup>1</sup>Includes Ph.D., Ed.D., and comparable degrees at the doctoral level, as well as such degrees as M.D., D.D.S., and law degrees that were formerly classified as first-professional degrees.

<sup>2</sup>Excludes 500 males and 12 females whose racial/ethnic group was not available.

<sup>3</sup>Excludes 714 males and 21 females whose racial/ethnic group was not available.

NOTE: Data through 1990–91 are for institutions of higher education, while later data are for postsecondary institutions participating in Title IV federal financial aid programs. Race categories exclude persons of Hispanic ethnicity. For 1989–90 and later years, reported racial/ethnic

distributions of students by level of degree, field of degree, and sex were used to estimate race/ethnicity for students whose race/ethnicity was not reported. Detail may not sum to totals because of rounding. Some data have been revised from previously published figures.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Higher Education General Information Survey (HEGIS), "Degrees and Other Formal Awards Conferred" surveys, 1976–77 and 1980–81; Integrated Postsecondary Education Data System (IPEDS), "Completions Survey" (IPEDS-C:90–99); and IPEDS Fall 2000 through Fall 2016, Completions component. (This table was prepared August 2017.)

**Table 324.25. Doctor's degrees conferred by postsecondary institutions, by race/ethnicity and field of study: 2014–15 and 2015–16**

Field of study	2014–15										2015–16									
	Total	White	Black	Hispanic	Asian/Pacific Islander			American Indian/Alaska Native	Two or more races	Non-resident alien	Total	White	Black	Hispanic	Asian/Pacific Islander			American Indian/Alaska Native	Two or more races	Non-resident alien
					Total	Asian	Pacific Islander								Total	Asian	Pacific Islander			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
<b>All fields, total</b>	<b>178,548</b>	<b>108,914</b>	<b>13,272</b>	<b>11,263</b>	<b>19,186</b>	<b>18,872</b>	<b>314</b>	<b>884</b>	<b>3,670</b>	<b>21,359</b>	<b>177,867</b>	<b>107,108</b>	<b>13,365</b>	<b>11,766</b>	<b>19,580</b>	<b>19,251</b>	<b>329</b>	<b>808</b>	<b>3,780</b>	<b>21,460</b>
Agriculture and natural resources.....	1,561	803	35	54	49	48	1	9	15	596	1,508	736	43	58	55	55	0	6	17	593
Architecture and related services.....	272	97	13	14	27	26	1	0	9	112	236	78	18	10	27	25	2	0	11	92
Area, ethnic, cultural, gender, and group studies ...	312	153	45	29	17	15	2	11	9	48	316	154	43	37	15	13	2	7	10	50
Biological and biomedical sciences.....	8,053	4,265	242	442	745	736	9	26	122	2,211	7,914	4,215	272	443	714	702	12	26	138	2,106
Business.....	3,116	1,444	616	142	228	224	4	19	27	640	3,323	1,533	671	160	220	209	11	14	50	675
Communication, journalism, and related programs	644	399	43	23	24	24	0	1	8	146	629	368	25	33	23	22	1	0	9	171
Communications technologies.....	0	0	0	0	0	0	0	0	0	0	4	1	0	0	1	1	0	0	0	2
Computer and information sciences.....	1,998	629	76	51	129	129	0	7	20	1,086	1,979	597	92	44	103	102	1	1	22	1,120
Construction trades.....	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Education.....	11,772	7,305	2,273	871	457	420	37	80	147	639	11,829	7,244	2,266	933	455	423	32	76	168	687
Engineering.....	10,239	3,224	177	303	713	712	1	14	92	5,716	10,209	3,156	207	294	707	704	3	11	120	5,714
Engineering technologies and engineering-related fields <sup>1</sup> .....	123	48	8	6	6	6	0	0	2	53	133	59	5	6	6	6	0	0	2	55
English language and literature/letters.....	1,418	1,111	41	60	59	59	0	5	25	117	1,392	1,080	57	63	48	46	2	6	20	118
Family and consumer sciences/human sciences ...	335	189	35	14	15	13	2	1	6	75	374	182	55	21	18	17	1	1	8	89
Foreign languages, literatures, and linguistics.....	1,243	644	16	150	47	46	1	1	19	366	1,265	659	15	126	38	38	0	4	21	402
Health professions and related programs.....	71,004	46,243	4,373	3,951	12,341	12,183	158	275	1,439	2,382	73,682	47,252	4,714	4,224	13,069	12,915	154	269	1,793	2,361
Homeland security, law enforcement, and firefighting.	193	126	28	11	3	3	0	1	3	21	205	123	38	15	2	2	0	0	2	25
Legal professions and studies.....	40,329	27,325	3,373	3,865	2,893	2,826	67	333	1,407	1,133	37,030	24,986	3,110	3,872	2,677	2,597	80	293	977	1,115
Liberal arts and sciences, general studies, and humanities.....	96	63	9	8	6	6	0	0	2	8	105	79	3	7	4	4	0	0	3	9
Library science.....	44	30	4	0	3	3	0	0	0	7	54	30	3	1	5	5	0	0	2	13
Mathematics and statistics.....	1,801	740	22	38	90	88	2	1	8	902	1,850	722	39	63	110	110	0	4	39	873
Mechanics and repair technologies/technicians.....	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Military technologies and applied sciences.....	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Multi/interdisciplinary studies.....	840	459	96	39	39	38	1	6	16	185	849	496	70	49	40	39	1	3	10	181
Parks, recreation, leisure, and fitness studies.....	311	192	29	3	14	13	1	1	3	69	331	199	25	22	7	6	1	0	7	71
Philosophy and religious studies.....	762	537	50	30	39	39	0	6	9	91	746	534	39	37	33	32	1	3	10	90
Physical sciences and science technologies.....	5,823	2,845	131	186	297	291	6	16	61	2,287	6,016	2,921	121	190	305	303	2	10	84	2,385
Precision production.....	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Psychology.....	6,583	4,518	626	526	413	403	10	37	106	357	6,532	4,426	618	588	401	383	18	32	143	324
Public administration and social services.....	1,123	610	245	44	49	48	1	6	13	156	1,065	569	200	60	75	74	1	1	15	145
Social sciences and history.....	4,828	2,764	223	255	219	216	3	23	68	1,276	4,667	2,632	207	272	175	174	1	26	54	1,301
Social sciences.....	3,842	2,049	168	197	185	182	3	20	53	1,170	3,696	1,932	149	207	155	155	0	20	38	1,195
History.....	986	715	55	58	34	34	0	3	15	106	971	700	58	65	20	19	1	6	16	106
Theology and religious vocations.....	1,927	1,030	386	77	137	133	4	3	12	282	1,808	948	346	62	125	123	2	10	6	311
Transportation and materials moving.....	5	4	0	0	0	0	0	0	0	1	8	2	1	0	0	0	0	0	2	3
Visual and performing arts.....	1,793	1,117	57	71	127	124	3	2	22	397	1,808	1,127	62	76	122	121	1	5	37	379
Other and not classified.....	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

<sup>1</sup>Excludes "Construction trades" and "Mechanic and repair technologies/technicians," which are listed separately.  
 NOTE: Data are for postsecondary institutions participating in Title IV federal financial aid programs. Race categories exclude persons of Hispanic ethnicity. Reported racial/ethnic distributions of students by level of degree, field of degree, and sex were used to estimate race/ethnicity for students whose race/ethnicity was not reported. To facilitate trend comparisons, certain aggregations have been made of the degree fields as reported in the Integrated Postsecondary Education Data System (IPEDS): "Agricul-

ture and natural resources" includes Agriculture, agriculture operations, and related sciences and Natural resources and conservation; and "Business" includes Business, management, marketing, and related support services and Personal and culinary services. Some data have been revised from previously published figures.  
 SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), Fall 2015 and Fall 2016, Completions component. (This table was prepared August 2017.)

**Table 324.40. Number of postsecondary institutions conferring doctor's degrees in dentistry, medicine, and law, and number of such degrees conferred, by sex of student: Selected years, 1949–50 through 2015–16**

Year	Dentistry (D.D.S. or D.M.D.)				Medicine (M.D.)				Law (LL.B. or J.D.)			
	Number of institutions conferring degrees	Number of degrees conferred			Number of institutions conferring degrees	Number of degrees conferred			Number of institutions conferring degrees	Number of degrees conferred		
		Total	Males	Females		Total	Males	Females		Total	Males	Females
1	2	3	4	5	6	7	8	9	10	11	12	13
1949–50.....	40	2,579	2,561	18	72	5,612	5,028	584	—	—	—	—
1951–52.....	41	2,918	2,895	23	72	6,201	5,871	330	—	—	—	—
1953–54.....	42	3,102	3,063	39	73	6,712	6,377	335	—	—	—	—
1955–56.....	42	3,009	2,975	34	73	6,810	6,464	346	131	8,262	7,974	288
1957–58.....	43	3,065	3,031	34	75	6,816	6,469	347	131	9,394	9,122	272
1959–60.....	45	3,247	3,221	26	79	7,032	6,645	387	134	9,240	9,010	230
1961–62.....	46	3,183	3,166	17	81	7,138	6,749	389	134	9,364	9,091	273
1963–64.....	46	3,180	3,168	12	82	7,303	6,878	425	133	10,679	10,372	307
1964–65.....	46	3,108	3,086	22	81	7,304	6,832	472	137	11,583	11,216	367
1965–66.....	47	3,178	3,146	32	84	7,673	7,170	503	136	13,246	12,776	470
1967–68.....	48	3,422	3,375	47	85	7,944	7,318	626	138	16,454	15,805	649
1968–69.....	—	3,408	3,376	32	—	8,025	7,415	610	—	17,053	16,373	680
1969–70.....	48	3,718	3,684	34	86	8,314	7,615	699	145	14,916	14,115	801
1970–71.....	48	3,745	3,703	42	89	8,919	8,110	809	147	17,421	16,181	1,240
1971–72.....	48	3,862	3,819	43	92	9,253	8,423	830	147	21,764	20,266	1,498
1972–73.....	51	4,047	3,992	55	97	10,307	9,388	919	152	27,205	25,037	2,168
1973–74.....	52	4,440	4,355	85	99	11,356	10,093	1,263	151	29,326	25,986	3,340
1974–75.....	52	4,773	4,627	146	104	12,447	10,818	1,629	154	29,296	24,881	4,415
1975–76.....	56	5,425	5,187	238	107	13,426	11,252	2,174	166	32,293	26,085	6,208
1976–77.....	57	5,138	4,764	374	109	13,461	10,891	2,570	169	34,104	26,447	7,657
1977–78.....	57	5,189	4,623	566	109	14,279	11,210	3,069	169	34,402	25,457	8,945
1978–79.....	58	5,434	4,794	640	109	14,786	11,381	3,405	175	35,206	25,180	10,026
1979–80.....	58	5,258	4,558	700	112	14,902	11,416	3,486	179	35,647	24,893	10,754
1980–81.....	58	5,460	4,672	788	116	15,505	11,672	3,833	176	36,331	24,563	11,768
1981–82.....	59	5,282	4,467	815	119	15,814	11,867	3,947	180	35,991	23,965	12,026
1982–83.....	59	5,585	4,631	954	118	15,484	11,350	4,134	177	36,853	23,550	13,303
1983–84.....	60	5,353	4,302	1,051	119	15,813	11,359	4,454	179	37,012	23,382	13,630
1984–85.....	59	5,339	4,233	1,106	120	16,041	11,167	4,874	181	37,491	23,070	14,421
1985–86.....	59	5,046	3,907	1,139	120	15,938	11,022	4,916	181	35,844	21,874	13,970
1986–87.....	58	4,741	3,603	1,138	121	15,428	10,431	4,997	179	36,056	21,561	14,495
1987–88.....	57	4,477	3,300	1,177	122	15,358	10,278	5,080	180	35,397	21,067	14,330
1988–89.....	58	4,265	3,124	1,141	124	15,460	10,310	5,150	182	35,634	21,069	14,565
1989–90.....	57	4,100	2,834	1,266	124	15,075	9,923	5,152	182	36,485	21,079	15,406
1990–91.....	55	3,699	2,510	1,189	121	15,043	9,629	5,414	179	37,945	21,643	16,302
1991–92.....	52	3,593	2,431	1,162	120	15,243	9,796	5,447	177	38,848	22,260	16,588
1992–93.....	55	3,605	2,383	1,222	122	15,531	9,679	5,852	184	40,302	23,182	17,120
1993–94.....	53	3,787	2,330	1,457	121	15,368	9,544	5,824	185	40,044	22,826	17,218
1994–95.....	53	3,897	2,480	1,417	119	15,537	9,507	6,030	183	39,349	22,592	16,757
1995–96.....	53	3,697	2,374	1,323	119	15,341	9,061	6,280	183	39,828	22,508	17,320
1996–97.....	52	3,784	2,387	1,397	118	15,571	9,121	6,450	184	40,079	22,548	17,531
1997–98.....	53	4,032	2,490	1,542	117	15,424	9,006	6,418	185	39,331	21,876	17,455
1998–99.....	53	4,143	2,673	1,470	118	15,566	8,972	6,594	185	38,297	21,102	17,195
1999–2000.....	54	4,250	2,547	1,703	118	15,286	8,761	6,525	190	38,152	20,638	17,514
2000–01.....	54	4,391	2,696	1,695	118	15,403	8,728	6,675	192	37,904	19,981	17,923
2001–02.....	53	4,239	2,608	1,631	118	15,237	8,469	6,768	192	38,981	20,254	18,727
2002–03.....	53	4,345	2,654	1,691	118	15,034	8,221	6,813	194	39,067	19,916	19,151
2003–04.....	53	4,335	2,532	1,803	118	15,442	8,273	7,169	195	40,209	20,332	19,877
2004–05.....	53	4,454	2,505	1,949	120	15,461	8,151	7,310	198	43,423	22,297	21,126
2005–06.....	54	4,389	2,435	1,954	119	15,455	7,900	7,555	197	43,440	22,597	20,843
2006–07.....	55	4,596	2,548	2,048	120	15,730	7,987	7,743	200	43,486	22,777	20,709
2007–08.....	55	4,795	2,661	2,134	120	15,646	7,935	7,711	201	43,769	23,197	20,572
2008–09.....	55	4,918	2,637	2,281	120	15,987	8,164	7,823	203	44,045	23,860	20,185
2009–10.....	55	5,062	2,745	2,317	120	16,356	8,468	7,888	205	44,346	23,384	20,962
2010–11.....	55	5,071	2,764	2,307	120	16,863	8,701	8,162	206	44,421	23,481	20,940
2011–12.....	55	5,109	2,748	2,361	120	16,927	8,809	8,118	207	46,445	24,576	21,869
2012–13.....	56	5,219	2,707	2,512	122	17,264	8,976	8,288	209	46,811	25,087	21,724
2013–14.....	57	5,407	2,839	2,568	124	17,604	9,232	8,372	210	43,772	23,278	20,494
2014–15.....	60	5,816	3,030	2,786	127	18,302	9,558	8,744	212	40,024	20,810	19,214
2015–16.....	61	5,951	3,032	2,919	128	18,409	9,852	8,557	214	36,798	18,935	17,863

—Not available.  
 NOTE: Data are for postsecondary institutions participating in Title IV federal financial aid programs. Some data have been revised from previously published figures.  
 SOURCE: U.S. Department of Education, National Center for Education Statistics, *Earned Degrees Conferred*, 1949–50 through 1964–65; Higher Education General Information Sur-

vey (HEGIS), "Degrees and Other Formal Awards Conferred" surveys, 1965–66 through 1985–86; Integrated Postsecondary Education Data System (IPEDS), "Completions Survey" (IPEDS-C:87–99); and IPEDS Fall 2000 through Fall 2016, Completions component. (This table was prepared March 2018.)

**Table 324.50. Degrees conferred by postsecondary institutions in selected professional fields, by sex of student, control of institution, and field of study: Selected years, 1985–86 through 2015–16**

Control of institution and field of study	1985–86	1990–91	1995–96	2000–01	2005–06	2006–07	2007–08	2008–09	2009–10	2010–11	2011–12	2012–13	2013–14			2014–15			2015–16		
													Total	Males	Females	Total	Males	Females	Total	Males	Females
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
<b>Total, all institutions</b> .....	<b>73,910</b>	<b>71,948</b>	<b>76,734</b>	<b>79,707</b>	<b>87,655</b>	<b>90,064</b>	<b>91,412</b>	<b>92,250</b>	<b>94,582</b>	<b>96,129</b>	<b>99,161</b>	<b>100,852</b>	<b>99,524</b>	<b>50,644</b>	<b>48,880</b>	<b>97,957</b>	<b>49,205</b>	<b>48,752</b>	<b>95,140</b>	<b>47,476</b>	<b>47,664</b>
Dentistry (D.D.S. or D.M.D.) .....	5,046	3,699	3,697	4,391	4,389	4,596	4,795	4,918	5,062	5,071	5,109	5,219	5,407	2,839	2,568	5,816	3,030	2,786	5,951	3,032	2,919
Medicine (M.D.) .....	15,938	15,043	15,341	15,403	15,455	15,730	15,646	15,987	16,356	16,863	16,927	17,264	17,604	9,232	8,372	18,302	9,558	8,744	18,409	9,852	8,557
Optometry (O.D.) .....	1,029	1,115	1,231	1,289	1,198	1,311	1,304	1,338	1,335	1,322	1,361	1,521	1,523	535	988	1,511	505	1,006	1,630	564	1,066
Osteopathic medicine (D.O.) .....	1,547	1,459	1,895	2,450	2,718	2,992	3,232	3,665	3,890	4,141	4,336	4,691	4,991	2,662	2,329	5,355	2,935	2,420	5,466	2,997	2,469
Pharmacy (Pharm.D.) .....	903	1,244	2,555	6,324	9,292	10,439	10,932	11,291	11,873	12,271	12,943	13,374	13,921	5,429	8,492	14,310	5,454	8,856	14,734	5,668	9,066
Podiatry (Pod.D. or D.P.) or podiatric medicine (D.P.M.) .....	612	589	650	528	347	331	555	431	491	543	535	471	567	338	229	574	352	222	544	321	223
Veterinary medicine (D.V.M.) .....	2,270	2,032	2,109	2,248	2,370	2,443	2,504	2,377	2,478	2,564	2,616	2,610	2,686	565	2,121	2,815	620	2,195	2,859	573	2,286
Chiropractic (D.C. or D.C.M.) .....	3,395	2,640	3,379	3,796	2,564	2,525	2,639	2,512	2,601	2,694	2,496	2,219	2,420	1,464	956	2,544	1,532	1,012	2,418	1,416	1,002
Law (LL.B. or J.D.) .....	35,844	37,945	39,828	37,904	43,440	43,486	43,769	44,045	44,346	44,421	46,445	46,811	43,772	23,278	20,494	40,024	20,810	19,214	36,798	18,935	17,863
Theology (M. Div., M.H.L./Rav., B.D., or Ord.) ..	7,283	5,695	5,879	5,026	5,666	5,990	5,769	5,444	5,825	5,981	6,094	6,399	6,339	4,229	2,110	6,300	4,322	1,978	5,950	4,025	1,925
Other <sup>1</sup> .....	43	487	170	348	216	221	267	242	325	258	299	273	294	73	221	406	87	319	381	93	288
<b>Total, public institutions</b> .....	<b>29,568</b>	<b>29,554</b>	<b>29,882</b>	<b>32,633</b>	<b>36,269</b>	<b>36,855</b>	<b>37,278</b>	<b>37,357</b>	<b>38,132</b>	<b>39,071</b>	<b>39,776</b>	<b>39,774</b>	<b>40,375</b>	<b>19,961</b>	<b>20,414</b>	<b>40,145</b>	<b>19,591</b>	<b>20,554</b>	<b>39,642</b>	<b>19,317</b>	<b>20,325</b>
Dentistry (D.D.S. or D.M.D.) .....	2,827	2,308	2,198	2,477	2,669	2,769	2,760	2,870	2,984	3,008	3,053	2,972	3,187	1,688	1,499	3,336	1,725	1,611	3,307	1,721	1,586
Medicine (M.D.) .....	9,991	9,364	9,370	9,408	9,650	9,733	9,646	9,795	10,043	10,577	10,626	10,654	11,075	5,904	5,171	11,653	6,209	5,444	11,696	6,326	5,370
Optometry (O.D.) .....	441	477	499	497	462	518	492	517	507	515	508	520	514	194	320	513	161	352	526	176	350
Osteopathic medicine (D.O.) .....	486	493	528	562	585	637	634	679	817	856	841	854	1,025	507	518	1,054	544	510	1,102	576	526
Pharmacy (Pharm.D.) .....	473	808	1,557	3,876	5,523	5,903	6,218	6,395	6,587	6,888	6,919	6,897	6,933	2,720	4,213	7,057	2,671	4,386	7,198	2,776	4,422
Podiatry (Pod.D. or D.P.) or podiatric medicine (D.P.M.) .....	0	0	0	84	65	66	73	68	85	87	204	105	202	125	77	186	110	76	158	100	58
Veterinary medicine (D.V.M.) .....	1,931	1,814	1,889	2,017	2,048	2,116	2,123	1,968	2,048	2,134	2,168	2,184	2,251	481	1,770	2,332	521	1,811	2,391	494	1,897
Chiropractic (D.C. or D.C.M.) .....	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Law (LL.B. or J.D.) .....	13,419	14,290	13,841	13,712	15,267	15,113	15,332	15,065	15,061	15,006	15,457	15,588	15,188	8,342	6,846	14,014	7,650	6,364	13,264	7,148	6,116
Theology (M. Div., M.H.L./Rav., B.D., or Ord.) ..	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other <sup>1</sup> .....	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>Total, private institutions</b> .....	<b>44,342</b>	<b>42,394</b>	<b>46,852</b>	<b>47,074</b>	<b>51,386</b>	<b>53,209</b>	<b>54,134</b>	<b>54,893</b>	<b>56,450</b>	<b>57,058</b>	<b>59,385</b>	<b>61,078</b>	<b>59,149</b>	<b>30,683</b>	<b>28,466</b>	<b>57,812</b>	<b>29,614</b>	<b>28,198</b>	<b>55,498</b>	<b>28,159</b>	<b>27,339</b>
Dentistry (D.D.S. or D.M.D.) .....	2,219	1,391	1,499	1,914	1,720	1,827	2,035	2,048	2,078	2,063	2,056	2,247	2,220	1,151	1,069	2,480	1,305	1,175	2,644	1,311	1,333
Medicine (M.D.) .....	5,947	5,679	5,971	5,995	5,805	5,997	6,000	6,192	6,313	6,286	6,301	6,610	6,529	3,328	3,201	6,649	3,349	3,300	6,713	3,526	3,187
Optometry (O.D.) .....	588	638	732	792	736	793	812	821	828	807	853	1,001	1,009	341	668	998	344	654	1,104	388	716
Osteopathic medicine (D.O.) .....	1,061	966	1,367	1,888	2,133	2,355	2,598	2,986	3,073	3,285	3,495	3,837	3,966	2,155	1,811	4,301	2,391	1,910	4,364	2,421	1,943
Pharmacy (Pharm.D.) .....	430	436	998	2,448	3,769	4,536	4,714	4,896	5,286	5,383	6,024	6,477	6,988	2,709	4,279	7,253	2,783	4,470	7,536	2,892	4,644
Podiatry (Pod.D. or D.P.) or podiatric medicine (D.P.M.) .....	612	589	650	444	282	265	482	363	406	456	331	366	365	213	152	388	242	146	386	221	165
Veterinary medicine (D.V.M.) .....	339	218	220	231	322	327	381	409	430	430	448	426	435	84	351	483	99	384	468	79	389
Chiropractic (D.C. or D.C.M.) .....	3,395	2,640	3,379	3,796	2,564	2,525	2,639	2,512	2,601	2,694	2,496	2,219	2,420	1,464	956	2,544	1,532	1,012	2,418	1,416	1,002
Law (LL.B. or J.D.) .....	22,425	23,655	25,987	24,192	28,173	28,373	28,437	28,980	29,285	29,415	30,988	31,223	28,584	14,936	13,648	26,010	13,160	12,850	23,534	11,787	11,747
Theology (M. Div., M.H.L./Rav., B.D., or Ord.) ..	7,283	5,695	5,879	5,026	5,666	5,990	5,769	5,444	5,825	5,981	6,094	6,399	6,339	4,229	2,110	6,300	4,322	1,978	5,950	4,025	1,925
Other <sup>1</sup> .....	43	487	170	348	216	221	267	242	325	258	299	273	294	73	221	406	87	319	381	93	288

<sup>1</sup>Includes naturopathic medicine and degrees that were not classified by field by the reporting institution.  
NOTE: Data are for postsecondary institutions participating in Title IV federal financial aid programs. Includes degrees that require at least 6 years of college work for completion (including at least 2 years of preprofessional training). Some data have been revised from previously published figures.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Higher Education General Information Survey (HEGIS), "Degrees and Other Formal Awards Conferred," 1985–86; Integrated Postsecondary Education Data System (IPEDS), "Completions Survey" (IPEDS-C:91–99); and IPEDS Fall 2000 through Fall 2016, Completions component. (This table was prepared March 2018.)

**Table 324.55. Degrees conferred by postsecondary institutions in selected professional fields, by race/ethnicity and field of study: 2014–15 and 2015–16**

Field of study	2014–15										2015–16									
	Total	White	Black	Hispanic	Asian/Pacific Islander			American Indian/Alaska Native	Two or more races	Non-resident alien	Total	White	Black	Hispanic	Asian/Pacific Islander			American Indian/Alaska Native	Two or more races	Non-resident alien
					Total	Asian	Pacific Islander								Total	Asian	Pacific Islander			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
<b>All fields, total</b> .....	<b>97,957</b>	<b>63,461</b>	<b>7,513</b>	<b>6,999</b>	<b>14,079</b>	<b>13,893</b>	<b>186</b>	<b>542</b>	<b>2,556</b>	<b>2,807</b>	<b>95,140</b>	<b>60,839</b>	<b>7,275</b>	<b>7,115</b>	<b>14,343</b>	<b>14,155</b>	<b>188</b>	<b>482</b>	<b>2,372</b>	<b>2,714</b>
Dentistry (D.D.S. or D.M.D.).....	5,816	3,227	240	372	1,361	1,357	4	21	117	478	5,951	3,311	265	396	1,370	1,362	8	7	138	464
Medicine (M.D.).....	18,302	11,289	1,193	1,244	3,879	3,850	29	65	419	213	18,409	11,074	1,151	1,275	4,124	4,096	28	67	496	222
Optometry (O.D.).....	1,511	828	50	62	408	404	4	3	42	118	1,630	933	39	79	415	414	1	7	45	112
Osteopathic medicine (D.O.).....	5,355	3,731	153	216	1,042	1,032	10	24	134	55	5,466	3,802	133	221	1,079	1,075	4	23	159	49
Pharmacy (Pharm.D.).....	14,310	8,180	1,069	656	3,669	3,638	31	55	270	411	14,734	8,219	1,177	687	3,865	3,837	28	45	357	384
Podiatry (Pod.D. or D.P.) or podiatric medicine (D.P.M.).....	574	367	41	27	119	112	7	2	9	9	544	320	36	27	131	129	2	3	8	19
Veterinary medicine (D.V.M.).....	2,815	2,357	85	155	144	138	6	14	47	13	2,859	2,441	81	148	116	111	5	8	56	9
Chiropractic (D.C. or D.C.M.).....	2,544	1,934	139	154	175	161	14	20	36	86	2,418	1,851	122	172	145	138	7	11	54	63
Law (LL.B. or J.D.).....	40,024	27,390	3,292	3,816	2,853	2,791	62	314	1,354	1,005	36,798	25,011	3,044	3,821	2,678	2,601	77	281	949	1,014
Theology (M.Div., M.H.L./Rav., B.D., or Ord.).....	6,300	3,897	1,219	275	398	383	15	18	101	392	5,950	3,617	1,204	271	386	375	11	30	87	355
Other <sup>1</sup> .....	406	261	32	22	31	27	4	6	27	27	381	260	23	18	34	17	17	0	23	23

<sup>1</sup>Includes naturopathic medicine and degrees that were not classified by field by the reporting institution.  
NOTE: Data are for postsecondary institutions participating in Title IV federal financial aid programs. Includes degrees that require at least 6 years of college work for completion (including at least 2 years of preprofessional training). Race categories exclude persons of Hispanic ethnicity. Reported racial/ethnic distributions of students by level of degree, field of degree, and sex

were used to estimate race/ethnicity for students whose race/ethnicity was not reported. Some data have been revised from previously published figures.  
SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), Fall 2015 and Fall 2016, Completions component. (This table was prepared March 2018.)

**Table 324.80. Statistical profile of persons receiving doctor's degrees, by field of study and selected characteristics: 2014–15 and 2015–16**

Selected characteristic	All fields, 2014–15	Field of study, 2015–16								
		All fields	Education	Engineering	Humanities	Life sciences <sup>1</sup>	Physical sciences and earth sciences	Mathematics and computer sciences	Social sciences and psychology	Other fields
1	2	3	4	5	6	7	8	9	10	11
Number of doctor's degrees conferred .....	55,006	54,904	5,153	9,469	5,484	12,568	6,252	3,957	9,078	2,943
<b>Sex (percent)<sup>2</sup></b>										
Male .....	53.8	53.9	30.1	76.9	48.1	44.9	68.6	75.8	41.3	50.1
Female .....	46.2	46.0	69.9	23.1	51.8	55.1	31.4	24.2	58.7	49.8
<b>Race/ethnicity (percent)<sup>3</sup></b>										
White .....	72.3	71.5	67.1	67.2	79.3	70.3	78.5	69.8	71.0	67.0
Black .....	6.5	6.6	14.9	4.1	3.8	5.9	2.6	4.5	7.2	10.6
Hispanic .....	7.0	7.2	7.5	6.5	7.2	7.5	5.1	5.5	8.5	6.6
Asian .....	8.7	8.6	4.9	15.4	4.0	10.5	8.2	12.5	6.3	10.1
American Indian/Alaska Native .....	0.4	0.4	0.7	0.2	0.4	0.3	0.2	0.2	0.4	0.2
Two or more races .....	2.6	2.9	2.3	2.9	2.5	3.0	3.0	3.8	3.2	2.3
Other and unknown <sup>4</sup> .....	2.5	2.9	2.6	3.8	2.7	2.4	2.4	3.7	3.4	3.2
<b>Citizenship (percent)</b>										
U.S. citizen/permanent resident .....	63.8	65.1	83.5	44.2	81.1	69.2	58.6	43.7	75.2	63.4
Temporary visa holder .....	29.4	30.0	10.9	51.2	13.0	26.8	37.0	51.9	19.3	30.2
Unknown .....	6.8	4.9	5.6	4.6	5.9	4.0	4.4	4.4	5.4	6.4
Median age at doctorate (years) .....	31.6	31.6	38.6	30.0	34.1	30.9	29.5	30.3	32.5	34.7
Percent with bachelor's degree in same field as doctorate .....	54.3	54.0	24.9	75.9	53.5	49.7	66.9	60.2	48.4	35.6
<b>Median time lapse to doctorate (years)</b>										
Since bachelor's degree completion .....	8.7	8.8	15.0	7.3	11.0	8.2	6.9	7.9	9.5	11.2
Since starting graduate school .....	7.3	7.3	11.7	6.5	9.3	6.7	6.1	6.9	7.9	9.0
<b>Postdoctoral plans (percent)<sup>5</sup></b>										
Definite postdoctoral study <sup>6</sup> .....	23.8	23.5	5.0	19.3	10.8	36.1	37.4	21.2	24.5	5.3
Fellowship .....	12.6	12.4	2.6	6.9	8.8	20.2	14.4	9.1	17.8	3.5
Research associateship .....	10.5	10.3	2.2	12.1	1.9	14.2	22.8	11.7	5.4	1.7
Other <sup>7</sup> .....	0.6	0.8	0.2	0.3	0.1	1.7	0.3	0.5	1.2	0.1
Definite postdoctoral employment <sup>8</sup> .....	36.1	37.1	58.2	38.5	39.3	22.4	23.9	45.4	41.8	61.9
Academe <sup>9</sup> .....	18.0	17.1	34.5	6.5	30.1	8.9	5.0	14.5	23.3	47.4
Government .....	2.7	2.8	2.3	3.1	0.9	2.4	2.2	1.6	5.4	3.3
Industry, business .....	11.2	12.3	2.8	26.9	2.1	8.0	15.4	27.0	7.4	6.6
Nonprofit organization .....	2.2	2.0	3.1	1.2	2.9	2.0	0.8	1.3	3.1	2.2
Other and unknown <sup>10</sup> .....	2.0	2.8	15.5	0.8	3.3	1.0	0.6	1.0	2.6	2.3
Seeking employment or study .....	35.5	34.3	32.0	37.9	44.8	34.3	35.2	29.0	29.4	27.4
Other/unknown <sup>11</sup> .....	4.6	5.1	4.9	4.4	5.0	7.1	3.5	4.4	4.3	5.4
<b>Primary work activity after doctorate (percent)<sup>12</sup></b>										
Research and development .....	43.3	43.2	12.0	73.6	10.6	46.0	65.3	63.6	38.1	37.8
Teaching .....	33.7	32.5	43.1	8.9	71.6	24.7	16.6	24.8	35.3	46.0
Management or administration .....	11.0	11.2	33.7	4.3	9.7	11.1	3.2	3.0	8.9	9.3
Professional services .....	9.4	10.4	9.3	9.5	5.7	14.5	10.4	5.3	16.1	6.1
Other .....	2.7	2.7	1.9	3.8	2.5	3.6	4.5	3.3	1.6	0.9
<b>Location after doctorate (percent)<sup>13</sup></b>										
New England .....	8.6	8.5	4.6	7.4	9.0	10.8	9.8	7.2	8.6	6.2
Middle Atlantic .....	12.2	12.6	10.5	11.0	17.6	11.8	11.9	15.0	13.0	12.9
East North Central .....	12.0	12.0	15.1	12.6	12.9	10.3	10.9	9.7	12.5	14.4
West North Central .....	5.4	5.2	7.8	3.8	5.1	6.7	3.5	3.4	4.9	7.0
South Atlantic .....	16.5	16.3	19.3	13.1	13.9	18.2	13.9	12.9	19.1	17.2
East South Central .....	3.6	3.7	8.4	2.4	5.1	3.7	2.5	1.8	3.0	4.7
West South Central .....	7.8	7.4	10.3	7.3	8.0	7.3	6.3	5.6	6.9	8.5
Mountain .....	5.4	5.7	7.4	6.5	4.7	4.9	7.2	4.0	4.9	6.1
Pacific and insular .....	18.2	19.1	11.1	26.6	12.8	18.5	22.9	29.9	15.6	10.8
Foreign .....	10.0	9.4	5.5	8.9	10.9	7.6	10.9	10.2	11.2	12.1
Region unknown .....	0.2	0.2	#	0.4	0.1	0.1	#	0.2	0.2	0.1

#Rounds to zero.  
<sup>1</sup>Includes agricultural sciences and natural resources; biological and biomedical sciences; and health sciences.  
<sup>2</sup>Distribution based on respondents reporting sex data.  
<sup>3</sup>Distribution based on U.S. citizens and permanent residents.  
<sup>4</sup>Includes Pacific Islanders and persons whose race was not reported.  
<sup>5</sup>Percentages are based on only those doctorate recipients who responded to questions about postgraduation plans.  
<sup>6</sup>Excludes doctorate recipients who indicated plans for another full-time degree program. Percentages are based on doctorate recipients reporting other definite postgraduation plans for study.  
<sup>7</sup>Includes respondents who indicated definite postgraduation study plans for traineeship, internship/clinical residency, or other study.  
<sup>8</sup>Percentages are based on only those doctorate recipients who indicated definite postgraduation plans for employment and who indicated the sector of employment.  
<sup>9</sup>Includes 2-year, 4-year, and foreign colleges and universities, and medical schools.  
<sup>10</sup>"Other" is mainly composed of elementary and secondary schools.  
<sup>11</sup>Includes doctorate recipients who indicated that they did not plan to work or study, those who indicated some other type of postgraduation plans, and those who indicated definite plans for another full-time degree program.

<sup>12</sup>Percentages are based on only those doctorate recipients who indicated definite postgraduation plans for employment and who indicated their primary work activity.  
<sup>13</sup>Percentages are based on only those doctorate recipients who indicated definite postgraduation plans and type of plans.  
 NOTE: The above classification of degrees by field differs somewhat from that in most publications of the National Center for Education Statistics (NCES). One major difference is that history is included under humanities rather than social sciences. Includes Ph.D., Ed.D., and comparable degrees at the doctoral level. Includes only graduates of research programs, which typically require the preparation and defense of a dissertation based on original research, or the planning and execution of an original project demonstrating substantial artistic or scholarly achievement. Excludes nonresearch professional practice doctor's degrees (e.g., M.D., D.D.S., and J.D.) that are conferred upon completion of a program providing the knowledge and skills for the recognition, credential, or license required for professional practice in such fields as health and theology. The number of doctor's degrees in this table differs from that reported in the NCES Integrated Postsecondary Education Data System (IPEDS), which includes both the research and nonresearch degrees. Race categories exclude persons of Hispanic ethnicity. Detail may not sum to totals because of rounding.  
 SOURCE: *Doctorate Recipients From U.S. Universities: 2015 and 2016*, Survey of Earned Doctorates, National Science Foundation, National Institutes of Health, U.S. Department of Education, National Endowment for the Humanities, U.S. Department of Agriculture, and the National Aeronautics and Space Administration. (This table was prepared March 2018.)

**Table 324.90. Doctor's degrees conferred by the 60 institutions conferring the most doctor's degrees, by rank order: 2006–07 through 2015–16**

Institution	Rank order <sup>1</sup>	Total, 2006–07 to 2015–16	2006–07	2007–08	2008–09	2009–10	2010–11	2011–12	2012–13	2013–14	2014–15	2015–16
<b>United States, all institutions</b> .....	†	<b>1,650,294</b>	<b>144,690</b>	<b>149,378</b>	<b>154,564</b>	<b>158,590</b>	<b>163,827</b>	<b>170,217</b>	<b>175,026</b>	<b>177,587</b>	<b>178,548</b>	<b>177,867</b>
<b>Total, 60 institutions conferring most doctorates</b> .	†	<b>620,934</b>	<b>58,087</b>	<b>59,435</b>	<b>60,474</b>	<b>61,035</b>	<b>62,630</b>	<b>63,474</b>	<b>64,630</b>	<b>64,286</b>	<b>63,957</b>	<b>62,926</b>
University of Florida.....	1	20,113	1,957	2,107	2,028	2,127	2,127	1,954	1,964	1,994	1,914	1,941
Nova Southeastern University.....	2	17,796	1,913	1,772	1,732	1,806	1,699	1,800	1,729	1,739	1,802	1,804
University of Minnesota, Twin Cities.....	3	17,017	1,667	1,563	1,594	1,618	1,692	1,680	1,826	1,794	1,761	1,822
Ohio State University, Main Campus.....	4	16,178	1,501	1,611	1,617	1,596	1,658	1,628	1,661	1,604	1,693	1,609
University of Michigan, Ann Arbor.....	5	15,620	1,496	1,483	1,576	1,534	1,550	1,566	1,647	1,636	1,606	1,526
University of Southern California.....	6	15,089	1,378	1,523	1,571	1,459	1,474	1,518	1,554	1,481	1,538	1,593
Harvard University.....	7	14,732	1,476	1,468	1,418	1,401	1,450	1,474	1,464	1,535	1,534	1,512
New York University.....	8	14,534	1,331	1,413	1,419	1,444	1,413	1,481	1,494	1,507	1,484	1,548
University of Wisconsin, Madison.....	9	14,445	1,425	1,407	1,430	1,355	1,417	1,514	1,440	1,497	1,502	1,458
University of Texas at Austin.....	10	13,733	1,358	1,439	1,379	1,382	1,309	1,372	1,351	1,378	1,379	1,386
University of California, Los Angeles.....	11	13,646	1,307	1,361	1,382	1,358	1,330	1,326	1,393	1,432	1,384	1,373
Rutgers University, New Brunswick <sup>2</sup> .....	12	13,464	1,226	1,341	1,382	1,401	1,424	1,430	1,495	1,265	1,253	1,247
Columbia University in the City of New York.....	13	12,972	1,203	1,218	1,281	1,295	1,291	1,329	1,382	1,397	1,287	1,289
Texas A&M University, College Station <sup>3</sup> .....	14	12,764	1,094	1,079	1,107	1,206	1,256	1,324	1,344	1,443	1,488	1,423
University of Washington, Seattle Campus.....	15	12,527	1,130	1,125	1,176	1,224	1,251	1,273	1,329	1,328	1,395	1,296
University of California, Berkeley.....	16	12,239	1,280	1,218	1,216	1,245	1,292	1,264	1,304	1,288	1,165	967
University of Pennsylvania.....	17	11,939	1,136	1,105	1,190	1,212	1,212	1,189	1,207	1,244	1,244	1,200
University of North Carolina at Chapel Hill.....	18	11,820	1,113	1,204	1,101	1,155	1,172	1,179	1,203	1,229	1,219	1,245
Temple University.....	19	11,717	1,194	1,220	1,169	1,144	1,246	1,154	1,191	1,146	1,115	1,138
Boston University.....	20	11,549	1,210	1,161	1,179	1,097	1,111	1,177	1,175	1,107	1,116	1,216
University of Illinois at Urbana-Champaign.....	21	10,974	1,018	1,067	1,081	1,066	1,106	1,210	1,159	1,118	1,134	1,015
University of Pittsburgh, Pittsburgh Campus.....	22	10,558	996	1,026	1,022	944	1,113	1,059	1,086	1,135	1,090	1,087
University of Tennessee, Knoxville <sup>4</sup> .....	23	10,433	895	912	994	1,024	1,002	1,110	1,104	1,054	1,141	1,197
George Washington University.....	24	10,171	949	956	1,011	1,005	974	1,050	1,071	1,091	959	1,105
Stanford University.....	25	9,931	969	944	920	978	1,053	1,019	1,052	1,003	961	1,032
Michigan State University.....	26	9,856	855	770	876	921	951	962	993	1,172	1,204	1,152
University at Buffalo.....	27	9,596	970	938	964	919	948	913	992	957	1,028	967
Georgetown University.....	28	9,507	923	926	967	950	936	934	973	955	975	968
University of Iowa.....	29	9,496	926	926	937	920	949	948	1,045	1,000	943	902
University of Illinois at Chicago.....	30	9,361	862	873	851	965	914	912	974	969	990	1,051
Northwestern University.....	31	9,289	878	876	872	891	927	898	1,009	986	983	969
University of California, Davis.....	32	9,266	876	900	894	891	927	1,002	1,009	901	978	888
Capella University.....	33	9,148	667	814	700	841	819	810	889	1,189	1,159	1,260
Purdue University, Main Campus.....	34	9,031	837	840	882	845	924	880	926	965	973	959
University of Georgia.....	35	8,941	858	832	897	854	889	903	901	948	892	967
University of Virginia, Main Campus.....	36	8,897	852	925	907	861	933	904	908	919	891	797
Western Michigan University-Thomas M. Cooley Law School.....	37	8,820	756	845	981	955	1,039	1,080	1,143	871	688	462
Duke University.....	38	8,700	680	682	718	820	887	1,010	1,100	1,140	801	862
University of Arizona.....	39	8,473	814	778	824	824	813	850	854	870	939	907
University of Kansas.....	40	8,391	789	781	766	819	856	821	870	847	953	889
University of Maryland, Baltimore.....	41	8,377	767	775	775	835	875	900	889	875	889	797
University of Miami.....	42	8,116	707	703	758	860	803	911	874	815	886	799
University of Houston.....	43	7,900	778	809	786	757	831	798	796	755	779	811
University of Kentucky.....	44	7,899	653	717	719	734	783	888	864	870	808	863
Wayne State University.....	45	7,759	688	758	772	717	856	807	777	807	810	767
Cornell University <sup>5</sup> .....	46	7,720	752	785	779	782	775	771	781	781	765	778
Washington University in St. Louis.....	47	7,564	727	730	760	737	805	783	806	771	751	694
Indiana University-Purdue University, Indianapolis.....	48	7,545	719	720	687	751	755	771	755	772	810	805
Florida State University.....	49	7,474	631	730	680	683	818	850	736	813	817	716
Pennsylvania State University, Main Campus.....	50	7,310	664	643	703	718	736	755	800	761	775	755
Indiana University, Bloomington.....	51	7,287	651	695	729	718	693	748	771	761	793	728
A.T. Still University of Health Sciences.....	52	7,226	644	694	730	815	810	755	732	671	674	701
Yale University.....	53	7,119	640	671	685	752	686	712	758	743	762	710
University of Connecticut.....	54	7,098	609	576	687	746	720	773	720	762	760	745
Arizona State University, Tempe.....	55	7,064	574	656	766	656	746	828	723	650	751	714
University of South Carolina, Columbia.....	56	6,969	641	639	703	643	703	674	748	719	751	748
University of Utah.....	57	6,965	622	667	684	632	723	718	726	711	767	715
Case Western Reserve University.....	58	6,947	654	718	750	781	730	658	705	655	655	641
University of Chicago.....	59	6,939	653	704	682	682	711	715	710	711	679	692
Virginia Commonwealth University.....	60	6,923	548	649	622	687	730	748	758	749	714	718

†Not applicable.

<sup>1</sup>Institutions are ranked by the total number of doctor's degrees conferred during the 10-year period from July 1, 2006, to June 30, 2016.

<sup>2</sup>Includes degrees conferred by the University of Medicine and Dentistry of New Jersey, which merged with Rutgers University in 2013–14.

<sup>3</sup>Includes law degrees conferred by Texas Wesleyan University, which was acquired by Texas A&M in 2013, as well as degrees in all fields from Texas A&M Health Sciences Center.

<sup>4</sup>Includes degrees conferred by the University of Tennessee Health Sciences Center, which in 2014–15 began reporting separately from the University of Tennessee, Knoxville.

<sup>5</sup>Includes degrees conferred by the Endowed and Statutory Colleges.

NOTE: Includes Ph.D., Ed.D., and comparable degrees at the doctoral level, as well as such degrees as M.D., D.D.S., and law degrees that were classified as first-professional degrees prior to 2010–11. Some data have been revised from previously published figures.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), Fall 2007 through Fall 2016, Completions component. (This table was prepared August 2018.)

**Table 325.35. Degrees in computer and information sciences conferred by postsecondary institutions, by level of degree and sex of student: 1970–71 through 2015–16**

Year	Bachelor's degrees					Master's degrees			Doctor's degrees		
	Total		Males	Females	Females as a percent of total	Total	Males	Females	Total	Males	Females
	Number	Annual percent change									
1	2	3	4	5	6	7	8	9	10	11	12
1970–71.....	2,388	†	2,064	324	13.6	1,588	1,424	164	128	125	3
1971–72.....	3,402	42.5	2,941	461	13.6	1,977	1,752	225	167	155	12
1972–73.....	4,304	26.5	3,664	640	14.9	2,113	1,888	225	196	181	15
1973–74.....	4,756	10.5	3,976	780	16.4	2,276	1,983	293	198	189	9
1974–75.....	5,033	5.8	4,080	953	18.9	2,299	1,961	338	213	199	14
1975–76.....	5,652	12.3	4,534	1,118	19.8	2,603	2,226	377	244	221	23
1976–77.....	6,407	13.4	4,876	1,531	23.9	2,798	2,332	466	216	197	19
1977–78.....	7,201	12.4	5,349	1,852	25.7	3,038	2,471	567	196	181	15
1978–79.....	8,719	21.1	6,272	2,447	28.1	3,055	2,480	575	236	206	30
1979–80.....	11,154	27.9	7,782	3,372	30.2	3,647	2,883	764	240	213	27
1980–81.....	15,121	35.6	10,202	4,919	32.5	4,218	3,247	971	252	227	25
1981–82.....	20,267	34.0	13,218	7,049	34.8	4,935	3,625	1,310	251	230	21
1982–83.....	24,565	21.2	15,641	8,924	36.3	5,321	3,813	1,508	262	228	34
1983–84.....	32,439	32.1	20,416	12,023	37.1	6,190	4,379	1,811	251	225	26
1984–85.....	39,121	20.6	24,737	14,384	36.8	7,101	5,064	2,037	248	223	25
1985–86.....	42,337	8.2	27,208	15,129	35.7	8,070	5,658	2,412	344	299	45
1986–87.....	39,767	-6.1	25,962	13,805	34.7	8,481	5,985	2,496	374	322	52
1987–88.....	34,651	-12.9	23,414	11,237	32.4	9,197	6,726	2,471	428	380	48
1988–89.....	30,560	-11.8	21,143	9,417	30.8	9,414	6,775	2,639	551	466	85
1989–90.....	27,347	-10.5	19,159	8,188	29.9	9,677	6,960	2,717	627	534	93
1990–91.....	25,159	-8.0	17,771	7,388	29.4	9,324	6,563	2,761	676	584	92
1991–92.....	24,821	-1.3	17,685	7,136	28.7	9,655	6,980	2,675	772	669	103
1992–93.....	24,519	-1.2	17,606	6,913	28.2	10,353	7,557	2,796	805	689	116
1993–94.....	24,527	#	17,528	6,999	28.5	10,568	7,836	2,732	810	685	125
1994–95.....	24,737	0.9	17,684	7,053	28.5	10,595	7,805	2,790	887	726	161
1995–96.....	24,506	-0.9	17,757	6,749	27.5	10,579	7,729	2,850	869	743	126
1996–97.....	25,422	3.7	18,527	6,895	27.1	10,513	7,526	2,987	857	721	136
1997–98.....	27,829	9.5	20,372	7,457	26.8	11,765	8,343	3,422	858	718	140
1998–99.....	30,552	9.8	22,289	8,263	27.0	12,843	8,866	3,977	806	656	150
1999–2000.....	37,788	23.7	27,185	10,603	28.1	14,990	9,978	5,012	779	648	131
2000–01.....	44,142	16.8	31,923	12,219	27.7	16,911	11,195	5,716	768	632	136
2001–02.....	50,365	14.1	36,462	13,903	27.6	17,173	11,447	5,726	752	581	171
2002–03.....	57,433	14.0	41,950	15,483	27.0	19,509	13,267	6,242	816	648	168
2003–04.....	59,488	3.6	44,585	14,903	25.1	20,143	13,868	6,275	909	709	200
2004–05.....	54,111	-9.0	42,125	11,986	22.2	18,416	13,136	5,280	1,119	905	214
2005–06.....	47,480	-12.3	37,705	9,775	20.6	17,055	12,470	4,585	1,416	1,109	307
2006–07.....	42,170	-11.2	34,342	7,828	18.6	16,232	11,985	4,247	1,595	1,267	328
2007–08.....	38,476	-8.8	31,694	6,782	17.6	17,087	12,513	4,574	1,698	1,323	375
2008–09.....	37,992	-1.3	31,213	6,779	17.8	17,907	13,063	4,844	1,580	1,226	354
2009–10.....	39,593	4.2	32,414	7,179	18.1	17,955	13,019	4,936	1,599	1,250	349
2010–11.....	43,066	8.8	35,477	7,589	17.6	19,516	14,010	5,506	1,588	1,267	321
2011–12.....	47,406	10.1	38,796	8,610	18.2	20,925	15,132	5,793	1,698	1,332	366
2012–13.....	50,961	7.5	41,874	9,087	17.8	22,782	16,539	6,243	1,834	1,480	354
2013–14.....	55,271	8.5	45,320	9,951	18.0	24,514	17,472	7,042	1,982	1,566	416
2014–15.....	59,586	7.8	48,844	10,742	18.0	31,475	21,893	9,582	1,998	1,548	450
2015–16.....	64,405	8.1	52,333	12,072	18.7	40,128	27,787	12,341	1,979	1,582	397
Percent change											
2005–06 to 2010–11.....	-9.3	†	-5.9	-22.4	†	14.4	12.3	20.1	12.1	14.2	4.6
2010–11 to 2015–16.....	49.5	†	47.5	59.1	†	105.6	98.3	124.1	24.6	24.9	23.7

†Not applicable.  
#Rounds to zero.

NOTE: Data are for postsecondary institutions participating in Title IV federal financial aid programs. Some data have been revised from previously published figures.  
SOURCE: U.S. Department of Education, National Center for Education Statistics, Higher

Education General Information Survey (HEGIS), "Degrees and Other Formal Awards Conferred" surveys, 1970–71 through 1985–86; Integrated Postsecondary Education Data System (IPEDS), "Completions Survey" (IPEDS-C:87–99); and IPEDS Fall 2000 through Fall 2016, Completions component. (This table was prepared November 2017.)

**Table 325.45. Degrees in engineering and engineering technologies conferred by postsecondary institutions, by level of degree and sex of student: Selected years, 1949–50 through 2015–16**

Year	Bachelor's degrees					Master's degrees			Doctor's degrees		
	Total		Males	Females	Females as a percent of total	Total	Males	Females	Total	Males	Females
	Number	Annual percent change									
1	2	3	4	5	6	7	8	9	10	11	12
1949–50.....	52,246	†	52,071	175	0.3	4,496	4,481	15	417	416	1
1959–60.....	37,679	†	37,537	142	0.4	7,159	7,133	26	786	783	3
1969–70.....	44,479	†	44,149	330	0.7	15,593	15,421	172	3,681	3,657	24
1970–71.....	50,182	12.8	49,775	407	0.8	16,947	16,734	213	3,688	3,663	25
1971–72.....	51,258	2.1	50,726	532	1.0	17,299	17,009	290	3,708	3,685	23
1972–73.....	51,384	0.2	50,766	618	1.2	16,988	16,694	294	3,513	3,459	54
1973–74.....	50,412	-1.9	49,611	801	1.6	15,851	15,470	381	3,374	3,318	56
1974–75.....	47,131	-6.5	46,105	1,026	2.2	15,837	15,426	411	3,181	3,113	68
1975–76.....	46,676	-1.0	45,184	1,492	3.2	16,800	16,174	626	2,874	2,805	69
1976–77.....	49,482	6.0	47,238	2,244	4.5	16,659	15,891	768	2,622	2,547	75
1977–78.....	56,150	13.5	52,353	3,797	6.8	16,887	15,940	947	2,483	2,424	59
1978–79.....	62,898	12.0	57,603	5,295	8.4	16,012	14,971	1,041	2,545	2,459	86
1979–80.....	69,387	10.3	62,877	6,510	9.4	16,765	15,535	1,230	2,546	2,447	99
1980–81.....	75,355	8.6	67,573	7,782	10.3	17,216	15,761	1,455	2,608	2,499	109
1981–82.....	80,632	7.0	71,305	9,327	11.6	18,475	16,747	1,728	2,676	2,532	144
1982–83.....	89,811	11.4	78,673	11,138	12.4	19,949	18,038	1,911	2,871	2,742	129
1983–84.....	95,295	6.1	82,841	12,454	13.1	21,197	18,916	2,281	3,032	2,864	168
1984–85.....	97,099	1.9	83,991	13,108	13.5	22,124	19,688	2,436	3,269	3,055	214
1985–86.....	97,122	#	84,050	13,072	13.5	22,146	19,545	2,601	3,456	3,220	236
1986–87.....	93,560	-3.7	80,543	13,017	13.9	23,101	20,137	2,964	3,854	3,585	269
1987–88.....	89,406	-4.4	76,866	12,520	14.0	23,839	20,815	3,024	4,237	3,941	296
1988–89.....	85,982	-3.8	74,020	11,962	13.9	25,066	21,731	3,335	4,572	4,160	412
1989–90.....	82,480	-4.1	70,859	11,621	14.1	25,294	21,753	3,541	5,030	4,576	454
1990–91.....	79,751	-3.3	68,482	11,269	14.1	25,450	21,780	3,670	5,330	4,834	496
1991–92.....	78,036	-2.2	67,086	10,950	14.0	26,373	22,397	3,976	5,499	4,967	532
1992–93.....	78,619	0.7	67,214	11,405	14.5	29,103	24,721	4,382	5,870	5,300	570
1993–94.....	78,580	#	66,867	11,713	14.9	30,102	25,394	4,708	5,954	5,288	666
1994–95.....	78,483	-0.1	66,157	12,326	15.7	29,949	25,028	4,921	6,108	5,378	730
1995–96.....	77,997	-0.6	65,362	12,635	16.2	28,843	23,840	5,003	6,354	5,559	795
1996–97.....	75,659	-3.0	62,994	12,665	16.7	27,016	22,047	4,969	6,166	5,408	758
1997–98.....	74,557	-1.5	61,880	12,677	17.0	27,244	21,800	5,444	5,966	5,230	736
1998–99.....	72,796	-2.4	59,859	12,937	17.8	26,689	21,348	5,341	5,413	4,643	770
1999–2000.....	73,323	0.7	59,668	13,655	18.6	26,648	21,047	5,601	5,367	4,539	828
2000–01.....	72,869	-0.6	59,489	13,380	18.4	27,187	21,341	5,846	5,547	4,630	917
2001–02.....	74,588	2.4	60,417	14,171	19.0	26,987	21,212	5,775	5,181	4,285	896
2002–03.....	77,231	3.5	62,821	14,410	18.7	30,583	24,097	6,486	5,252	4,353	899
2003–04.....	78,079	1.1	63,401	14,678	18.8	35,053	27,561	7,492	5,859	4,821	1,038
2004–05.....	79,544	1.9	65,033	14,511	18.2	34,988	27,049	7,939	6,467	5,263	1,204
2005–06.....	81,406	2.3	66,866	14,540	17.9	33,389	25,568	7,821	7,318	5,848	1,470
2006–07.....	81,854	0.6	68,081	13,773	16.8	31,989	24,746	7,243	7,928	6,285	1,643
2007–08.....	83,608	2.1	69,540	14,068	16.8	34,430	26,461	7,969	7,977	6,263	1,714
2008–09.....	84,404	1.0	70,504	13,900	16.5	38,008	29,458	8,550	7,803	6,123	1,680
2009–10.....	88,735	5.1	73,838	14,897	16.8	39,391	30,554	8,837	7,773	5,986	1,787
2010–11.....	93,097	4.9	77,080	16,017	17.2	43,179	33,372	9,807	8,425	6,548	1,877
2011–12.....	98,654	6.0	81,364	17,290	17.5	45,116	34,712	10,404	8,856	6,838	2,018
2012–13.....	102,997	4.4	84,645	18,352	17.8	45,328	34,496	10,832	9,467	7,305	2,162
2013–14.....	108,976	5.8	88,941	20,035	18.4	47,343	35,791	11,552	10,117	7,820	2,297
2014–15.....	115,105	5.6	93,541	21,564	18.7	51,441	38,453	12,988	10,362	7,958	2,404
2015–16.....	124,009	7.7	99,628	24,381	19.7	57,685	43,177	14,508	10,342	7,915	2,427
Percent change											
2005–06 to 2010–11.....	14.4	†	15.3	10.2	†	29.3	30.5	25.4	15.1	12.0	27.7
2010–11 to 2015–16.....	33.2	†	29.3	52.2	†	33.6	29.4	47.9	22.8	20.9	29.3

†Not applicable.  
#Rounds to zero.

NOTE: Data are for postsecondary institutions participating in Title IV federal financial aid programs. Includes degrees in engineering, engineering-related technologies, mechanic and repair technologies, and construction trades for 1969–70 and later years. Degrees in engineering include degrees in all areas of engineering—for example, chemical, civil, electrical, and mechanical engineering—as well as degrees in general engineering. Some data have been revised from previously published figures.

SOURCE: U.S. Department of Education, National Center for Education Statistics, *Earned Degrees Conferred, 1949–50 and 1959–60*; Higher Education General Information Survey (HEGIS), "Degrees and Other Formal Awards Conferred" surveys, 1969–70 through 1985–86; Integrated Postsecondary Education Data System (IPEDS), "Completions Survey" (IPEDS-C:87–99); and IPEDS Fall 2000 through Fall 2016, Completions component. (This table was prepared November 2017.)

**Table 326.10. Graduation rate from first institution attended for first-time, full-time bachelor's degree-seeking students at 4-year postsecondary institutions, by race/ethnicity, time to completion, sex, control of institution, and acceptance rate: Selected cohort entry years, 1996 through 2010**

Time to completion, sex, control of institution, cohort entry year, and acceptance rate	Total	White	Black	Hispanic	Asian/Pacific Islander			American Indian/Alaska Native	Two or more races	Nonresident alien <sup>1</sup>
					Total	Asian	Pacific Islander			
1	2	3	4	5	6	7	8	9	10	11
<b>Graduating within 4 years after start, males and females</b>										
<b>All 4-year institutions</b>										
1996 starting cohort	33.7	36.3	19.5	22.8	37.5	—	—	18.8	—	41.7
2000 starting cohort	36.1	38.9	21.3	25.9	41.0	—	—	21.0	—	41.9
2002 starting cohort	36.4	39.3	20.4	26.4	42.8	—	—	20.5	—	38.7
2003 starting cohort	37.0	40.2	20.2	26.7	43.9	—	—	20.6	—	39.4
2004 starting cohort	38.0	41.3	20.5	27.9	45.0	—	—	21.8	—	43.7
2005 starting cohort	38.3	41.8	20.2	28.2	45.1	45.5	22.2	21.8	44.1	44.0
2006 starting cohort	39.1	42.7	20.6	29.3	46.0	46.4	24.2	21.9	46.6	44.1
2007 starting cohort	39.4	43.3	20.8	29.8	46.2	46.7	25.9	23.0	49.1	44.6
2008 starting cohort	39.8	43.7	21.4	30.4	47.1	47.7	26.7	23.0	46.5	46.4
2009 starting cohort	39.9	44.2	20.6	30.7	48.8	49.5	26.7	24.0	41.0	49.1
2010 starting cohort	40.6	45.2	21.4	31.7	49.5	50.0	31.0	22.8	39.5	49.7
<b>Public institutions</b>										
1996 starting cohort	26.0	28.3	15.0	15.8	28.5	—	—	14.5	—	30.9
2000 starting cohort	29.0	31.4	17.9	19.9	33.7	—	—	16.4	—	32.7
2002 starting cohort	29.9	32.3	16.9	20.1	35.8	—	—	16.0	—	35.4
2003 starting cohort	30.7	33.5	16.5	20.7	37.5	—	—	17.0	—	33.8
2004 starting cohort	31.4	34.2	16.4	21.5	38.0	—	—	17.2	—	34.4
2005 starting cohort	32.0	35.1	16.8	22.4	38.7	39.1	16.9	17.9	28.7	33.5
2006 starting cohort	32.9	36.1	17.2	23.1	40.0	40.4	18.6	17.9	30.5	33.9
2007 starting cohort	33.5	36.9	17.4	24.0	40.2	40.2	21.3	19.5	35.9	34.4
2008 starting cohort	34.4	37.9	18.6	24.8	41.1	41.6	22.1	19.1	35.2	38.0
2009 starting cohort	34.9	38.5	18.1	25.5	42.9	43.5	23.7	19.8	31.9	41.3
2010 starting cohort	35.5	39.4	18.5	26.4	43.5	43.9	28.1	17.9	32.4	43.3
<b>Nonprofit institutions</b>										
1996 starting cohort	48.6	51.3	29.3	39.9	57.9	—	—	33.7	—	50.4
2000 starting cohort	50.3	53.5	28.2	42.9	58.8	—	—	36.0	—	50.3
2002 starting cohort	51.0	54.0	29.4	44.1	61.0	—	—	36.6	—	54.8
2003 starting cohort	51.6	54.7	29.8	44.0	61.5	—	—	34.4	—	55.3
2004 starting cohort	52.6	55.5	30.6	46.2	62.8	—	—	39.0	—	57.4
2005 starting cohort	52.2	55.4	29.2	45.1	62.3	62.8	34.9	35.2	59.9	57.4
2006 starting cohort	52.9	56.2	29.7	47.4	62.8	63.5	37.2	38.3	62.1	56.8
2007 starting cohort	52.9	56.5	29.6	46.8	63.6	64.3	40.4	37.0	62.6	56.9
2008 starting cohort	52.8	56.4	29.7	47.2	63.4	63.9	44.8	37.0	59.3	57.2
2009 starting cohort	53.1	57.1	29.1	47.2	64.4	65.1	41.5	39.6	56.8	59.4
2010 starting cohort	53.5	57.8	29.1	48.1	64.5	65.3	40.0	37.7	55.6	58.4
<b>For-profit institutions</b>										
1996 starting cohort	21.8	26.3	14.8	20.1	24.6	—	—	16.5	—	33.8
2000 starting cohort	25.7	30.3	22.5	27.4	42.7	—	—	28.0	—	36.5
2002 starting cohort	14.2	17.5	10.0	19.1	29.4	—	—	11.2	—	3.4
2003 starting cohort	14.8	18.2	10.4	19.5	25.5	—	—	8.4	—	4.7
2004 starting cohort	20.6	27.3	13.3	20.7	31.4	—	—	9.4	—	10.6
2005 starting cohort	20.0	27.9	11.0	19.6	31.7	33.8	15.4	15.2	24.7	15.4
2006 starting cohort	22.8	32.5	12.7	23.0	30.1	32.4	9.4	13.0	27.6	22.4
2007 starting cohort	22.5	32.6	11.7	22.7	32.0	36.3	7.2	12.6	27.2	24.4
2008 starting cohort	17.5	26.5	9.5	20.8	30.6	34.8	8.3	12.8	30.0	19.7
2009 starting cohort	13.9	21.3	7.6	18.1	29.2	35.1	7.0	10.2	17.1	20.9
2010 starting cohort	18.7	28.3	13.1	20.8	36.2	39.4	16.8	15.2	28.0	23.9
<b>Graduating within 4 years after start, males</b>										
<b>All 4-year institutions</b>										
1996 starting cohort	28.5	30.6	13.9	19.0	32.2	—	—	15.1	—	38.6
2000 starting cohort	31.1	33.4	15.5	21.8	35.7	—	—	17.1	—	39.3
2002 starting cohort	31.3	33.8	14.7	21.8	37.4	—	—	17.2	—	36.6
2003 starting cohort	32.2	34.8	14.7	22.5	39.0	—	—	17.7	—	37.7
2004 starting cohort	33.0	35.7	15.1	23.3	39.9	—	—	18.9	—	39.7
2005 starting cohort	33.5	36.4	15.0	24.2	39.9	40.2	19.6	18.8	40.2	40.1
2006 starting cohort	34.3	37.2	15.7	24.9	41.2	41.6	21.6	17.6	43.2	39.6
2007 starting cohort	34.5	37.7	15.6	25.5	41.1	41.5	24.3	18.6	44.7	39.3
2008 starting cohort	34.8	38.1	16.2	25.7	42.1	42.5	25.0	18.9	40.7	41.0
2009 starting cohort	34.7	38.2	16.0	25.7	43.8	44.4	24.3	20.6	36.4	43.0
2010 starting cohort	35.5	39.4	16.6	26.7	44.3	44.8	26.3	18.8	34.1	43.4
<b>Public institutions</b>										
1996 starting cohort	20.8	22.6	9.9	12.5	23.4	—	—	10.9	—	28.6
2000 starting cohort	23.6	25.5	11.7	14.5	27.8	—	—	11.9	—	30.2
2002 starting cohort	24.5	26.6	11.0	15.8	30.4	—	—	12.7	—	30.3
2003 starting cohort	25.7	27.9	10.9	16.4	32.5	—	—	14.1	—	30.8
2004 starting cohort	26.2	28.5	11.2	16.9	32.9	—	—	14.5	—	30.1
2005 starting cohort	27.1	29.6	11.7	18.3	33.5	33.8	14.1	15.0	26.4	29.8
2006 starting cohort	27.9	30.4	12.1	18.8	34.9	35.2	15.4	13.8	29.2	29.7
2007 starting cohort	28.3	31.1	12.1	19.5	34.8	35.0	19.2	14.7	34.0	29.4
2008 starting cohort	29.3	32.1	13.3	20.0	36.1	36.5	18.7	15.4	30.7	33.1
2009 starting cohort	29.5	32.4	13.2	20.3	37.9	38.4	21.0	16.0	27.6	35.2
2010 starting cohort	30.3	33.4	13.5	21.3	38.7	39.2	23.0	14.0	26.8	36.8
<b>Nonprofit institutions</b>										
1996 starting cohort	43.6	46.2	22.1	35.0	53.5	—	—	28.9	—	47.0
2000 starting cohort	46.0	48.9	22.3	38.2	56.1	—	—	33.2	—	48.0
2002 starting cohort	46.3	49.1	22.9	38.8	57.6	—	—	32.1	—	50.6
2003 starting cohort	47.0	49.8	23.1	39.9	58.6	—	—	30.7	—	51.3
2004 starting cohort	47.8	50.6	23.2	41.2	59.0	—	—	35.4	—	53.2
2005 starting cohort	47.5	50.5	22.6	40.7	58.8	59.3	29.4	30.8	55.7	52.7
2006 starting cohort	48.2	51.2	23.4	42.4	60.2	60.8	34.5	34.2	58.4	52.2
2007 starting cohort	47.9	51.5	23.0	42.3	60.0	60.5	37.7	32.2	57.8	51.4
2008 starting cohort	47.7	51.3	23.0	42.4	59.5	59.9	43.5	31.5	53.9	51.8
2009 starting cohort	47.8	51.5	22.9	42.0	60.7	61.4	37.3	36.3	52.7	53.9
2010 starting cohort	48.2	52.3	23.1	42.9	60.0	60.8	35.4	32.7	51.0	52.8

See notes at end of table.

**Table 326.10. Graduation rate from first institution attended for first-time, full-time bachelor's degree-seeking students at 4-year postsecondary institutions, by race/ethnicity, time to completion, sex, control of institution, and acceptance rate: Selected cohort entry years, 1996 through 2010—Continued**

Time to completion, sex, control of institution, cohort entry year, and acceptance rate	Total	White	Black	Hispanic	Asian/Pacific Islander			American Indian/Alaska Native	Two or more races	Nonresident alien <sup>1</sup>
					Total	Asian	Pacific Islander			
1	2	3	4	5	6	7	8	9	10	11
<b>For-profit institutions</b>										
1996 starting cohort.....	22.3	25.5	16.1	23.0	27.7	—	—	25.6	—	33.1
2000 starting cohort.....	30.1	34.3	23.7	30.9	44.5	—	—	28.7	—	36.7
2002 starting cohort.....	17.0	23.9	11.8	20.1	33.3	—	—	17.6	—	4.0
2003 starting cohort.....	17.4	20.9	11.8	20.8	28.1	—	—	11.1	—	6.4
2004 starting cohort.....	23.5	30.5	15.0	21.6	36.6	—	—	12.1	—	10.7
2005 starting cohort.....	23.6	31.4	12.0	22.2	32.2	33.2	24.0	20.8	25.2	16.7
2006 starting cohort.....	27.8	37.2	16.6	26.0	33.7	35.2	17.2	14.7	30.1	23.7
2007 starting cohort.....	28.4	39.3	15.3	25.7	35.8	38.3	14.1	19.0	25.8	26.9
2008 starting cohort.....	20.7	30.5	11.1	21.9	34.0	35.8	16.4	12.4	27.8	14.9
2009 starting cohort.....	17.0	25.4	10.4	19.2	32.1	36.2	7.1	12.2	23.8	15.1
2010 starting cohort.....	22.9	34.5	15.1	22.9	38.9	41.3	20.0	18.3	31.9	17.6
<b>Graduating within 4 years after start, females</b>										
<b>All 4-year institutions</b>										
1996 starting cohort.....	38.0	41.1	23.2	25.8	42.2	—	—	21.7	—	45.8
2000 starting cohort.....	40.2	43.5	25.2	28.0	45.7	—	—	24.0	—	45.3
2002 starting cohort.....	40.5	43.9	24.3	28.9	47.4	—	—	23.0	—	41.0
2003 starting cohort.....	41.0	44.8	23.9	29.8	48.1	—	—	22.8	—	41.1
2004 starting cohort.....	42.2	45.9	24.2	31.4	49.4	—	—	24.0	—	48.1
2005 starting cohort.....	42.2	46.4	23.7	31.3	49.6	50.1	24.2	24.1	47.3	48.4
2006 starting cohort.....	43.1	47.4	23.9	32.5	50.2	50.8	26.2	25.2	49.1	49.3
2007 starting cohort.....	43.5	48.1	24.3	33.1	50.7	51.3	27.1	26.3	52.2	50.8
2008 starting cohort.....	44.0	48.6	24.9	33.9	51.6	52.4	27.8	26.0	50.6	52.5
2009 starting cohort.....	44.2	49.4	23.9	34.4	53.3	54.1	28.7	26.7	44.5	56.0
2010 starting cohort.....	45.0	50.3	25.0	35.5	54.1	54.7	34.9	26.0	43.6	57.1
<b>Public institutions</b>										
1996 starting cohort.....	30.3	33.3	18.3	18.4	33.2	—	—	17.3	—	34.1
2000 starting cohort.....	33.5	36.3	22.0	22.2	39.1	—	—	19.9	—	36.2
2002 starting cohort.....	34.3	37.2	20.9	23.4	40.8	—	—	18.5	—	37.0
2003 starting cohort.....	35.0	38.3	20.2	23.9	42.0	—	—	19.2	—	37.2
2004 starting cohort.....	35.7	39.2	19.9	24.9	42.6	—	—	19.3	—	39.6
2005 starting cohort.....	36.2	39.9	20.2	25.5	43.5	43.9	19.0	20.1	30.7	37.7
2006 starting cohort.....	37.2	41.1	20.6	26.4	44.7	45.1	21.3	21.1	31.5	39.1
2007 starting cohort.....	37.8	42.0	21.0	27.1	44.6	45.1	22.9	23.2	37.5	40.8
2008 starting cohort.....	38.8	43.1	22.2	28.5	45.8	46.4	24.5	21.9	38.7	44.0
2009 starting cohort.....	39.5	44.0	21.6	29.4	47.7	48.3	26.2	22.8	35.4	49.0
2010 starting cohort.....	40.0	44.7	22.0	30.3	48.1	48.6	32.7	21.1	36.7	51.6
<b>Nonprofit institutions</b>										
1996 starting cohort.....	52.6	55.5	34.2	43.5	61.6	—	—	37.5	—	54.4
2000 starting cohort.....	53.7	57.3	32.3	46.2	60.9	—	—	38.1	—	53.2
2002 starting cohort.....	54.7	57.8	34.0	47.8	63.6	—	—	39.9	—	59.2
2003 starting cohort.....	55.3	58.6	34.4	46.7	63.7	—	—	37.0	—	59.7
2004 starting cohort.....	56.4	59.4	35.9	49.6	65.6	—	—	41.5	—	61.9
2005 starting cohort.....	55.9	59.2	34.1	48.1	64.9	65.5	38.6	38.5	63.1	62.7
2006 starting cohort.....	56.7	60.1	34.4	50.8	64.9	65.7	39.2	40.9	64.4	61.8
2007 starting cohort.....	56.8	60.6	34.6	49.8	66.4	67.2	42.0	40.7	65.6	62.9
2008 starting cohort.....	56.8	60.5	34.8	50.5	66.5	67.1	45.6	41.0	62.5	63.0
2009 starting cohort.....	57.3	61.5	33.9	51.0	67.3	67.9	45.1	42.3	59.4	65.2
2010 starting cohort.....	57.7	62.2	33.9	51.7	67.9	68.7	43.3	41.2	58.8	64.3
<b>For-profit institutions</b>										
1996 starting cohort.....	21.1	27.5	13.7	16.1	20.3	—	—	9.6	—	34.6
2000 starting cohort.....	20.7	24.5	11.4	23.1	39.3	—	—	27.2	—	36.3
2002 starting cohort.....	11.6	14.0	8.7	18.1	23.9	—	—	6.0	—	3.1
2003 starting cohort.....	12.8	15.9	9.5	18.3	22.8	—	—	6.7	—	3.7
2004 starting cohort.....	17.8	23.8	12.2	19.9	25.0	—	—	7.4	—	10.5
2005 starting cohort.....	16.9	24.1	10.4	17.3	30.9	34.6	5.9	11.4	24.0	14.4
2006 starting cohort.....	18.1	26.7	10.1	20.3	26.2	29.3	3.7	11.8	24.1	21.3
2007 starting cohort.....	17.0	24.3	9.4	19.9	28.5	34.2	3.6	8.1	29.4	22.3
2008 starting cohort.....	14.7	22.3	8.6	19.8	27.4	33.6	4.9	13.1	33.0	23.7
2009 starting cohort.....	11.3	17.4	5.7	17.0	26.6	34.0	7.0	8.5	11.7	25.8
2010 starting cohort.....	14.5	21.1	11.0	18.7	33.0	37.0	14.3	12.6	21.9	29.5
<b>Graduating within 5 years after start, males and females</b>										
<b>All 4-year institutions</b>										
1996 starting cohort.....	50.2	53.3	33.3	38.9	56.4	—	—	33.3	—	54.3
2000 starting cohort.....	52.6	55.7	36.0	42.4	60.1	—	—	35.1	—	55.2
2002 starting cohort.....	52.3	55.7	34.3	42.5	61.0	—	—	33.8	—	50.6
2003 starting cohort.....	53.2	56.9	34.2	43.0	62.1	—	—	33.7	—	52.1
2004 starting cohort.....	54.1	57.7	34.5	44.0	62.9	—	—	34.7	—	57.2
2005 starting cohort.....	54.2	58.0	34.2	44.6	63.2	63.6	40.6	34.7	58.6	58.1
2006 starting cohort.....	54.9	58.7	34.9	45.8	64.4	64.9	41.7	35.6	61.8	59.0
2007 starting cohort.....	55.1	59.1	35.4	46.4	64.2	64.7	42.7	36.3	63.9	58.9
2008 starting cohort.....	55.4	59.5	35.7	47.1	65.1	65.7	43.7	36.3	60.6	60.9
2009 starting cohort.....	55.3	59.7	34.3	47.6	67.0	67.7	42.2	36.9	54.8	64.0
2010 starting cohort.....	55.8	60.3	35.0	48.8	67.4	68.0	46.7	34.8	55.2	65.3
<b>Public institutions</b>										
1996 starting cohort.....	45.9	49.0	30.5	34.1	51.3	—	—	30.0	—	46.5
2000 starting cohort.....	49.1	51.9	34.6	38.0	56.8	—	—	31.9	—	49.8
2002 starting cohort.....	49.2	52.2	32.9	38.8	57.7	—	—	30.8	—	50.4
2003 starting cohort.....	50.3	53.6	32.4	39.5	59.0	—	—	31.6	—	51.4
2004 starting cohort.....	50.7	54.1	32.2	40.2	59.3	—	—	31.6	—	51.9
2005 starting cohort.....	51.1	54.7	32.6	41.4	59.9	60.2	39.1	32.5	47.6	51.3
2006 starting cohort.....	51.9	55.5	33.5	42.2	61.6	62.0	41.3	32.9	50.1	51.9
2007 starting cohort.....	52.3	56.0	34.1	43.3	61.0	61.4	41.4	34.5	55.0	51.9
2008 starting cohort.....	53.1	56.7	35.1	44.4	62.1	62.6	41.8	34.1	52.1	55.1
2009 starting cohort.....	53.4	57.2	34.2	45.4	64.3	64.9	42.7	34.1	48.8	59.0
2010 starting cohort.....	53.8	57.5	34.4	46.5	64.5	65.0	47.1	31.4	50.8	61.2

See notes at end of table.

**Table 326.10. Graduation rate from first institution attended for first-time, full-time bachelor's degree-seeking students at 4-year postsecondary institutions, by race/ethnicity, time to completion, sex, control of institution, and acceptance rate: Selected cohort entry years, 1996 through 2010—Continued**

Time to completion, sex, control of institution, cohort entry year, and acceptance rate	Total	White	Black	Hispanic	Asian/Pacific Islander			American Indian/Alaska Native	Two or more races	Nonresident alien <sup>1</sup>
					Total	Asian	Pacific Islander			
1	2	3	4	5	6	7	8	9	10	11
<b>Nonprofit institutions</b>										
1996 starting cohort.....	59.2	61.8	40.2	51.4	68.7	—	—	45.2	—	60.4
2000 starting cohort.....	60.8	63.8	39.9	55.1	70.0	—	—	46.9	—	60.4
2002 starting cohort.....	61.3	64.2	40.2	55.7	71.1	—	—	46.7	—	64.7
2003 starting cohort.....	62.3	65.2	41.2	56.1	72.0	—	—	44.4	—	65.6
2004 starting cohort.....	63.0	65.8	41.8	57.8	73.1	—	—	47.9	—	67.9
2005 starting cohort.....	62.6	65.6	40.5	56.6	73.1	73.6	49.4	44.0	71.5	67.9
2006 starting cohort.....	63.2	66.1	41.2	59.0	73.5	74.2	47.4	48.8	74.5	68.6
2007 starting cohort.....	63.2	66.4	41.3	58.4	74.2	74.8	53.6	45.9	74.1	68.2
2008 starting cohort.....	63.2	66.4	41.3	58.6	74.3	74.7	57.6	46.6	70.7	68.8
2009 starting cohort.....	63.3	66.8	39.7	58.6	75.1	75.8	51.5	49.5	67.1	71.2
2010 starting cohort.....	63.7	67.6	39.8	59.5	75.4	76.2	50.9	47.4	66.2	71.2
<b>For-profit institutions</b>										
1996 starting cohort.....	25.4	30.1	17.8	23.1	27.3	—	—	19.8	—	51.6
2000 starting cohort.....	30.0	34.8	28.0	31.3	45.1	—	—	29.4	—	44.0
2002 starting cohort.....	17.2	20.7	12.5	22.7	32.0	—	—	12.6	—	6.0
2003 starting cohort.....	20.2	23.6	15.6	24.4	30.4	—	—	11.4	—	10.0
2004 starting cohort.....	25.9	32.9	19.1	28.8	36.5	—	—	15.5	—	17.7
2005 starting cohort.....	25.5	33.3	15.8	26.0	38.2	40.2	23.1	18.9	27.3	24.1
2006 starting cohort.....	28.0	37.2	17.9	29.8	38.0	40.2	18.7	16.8	30.5	30.3
2007 starting cohort.....	27.8	37.2	16.7	29.1	39.0	43.2	14.4	16.2	31.0	34.6
2008 starting cohort.....	23.0	31.8	14.8	27.7	37.4	40.9	18.8	16.9	34.6	33.3
2009 starting cohort.....	19.5	26.5	12.3	24.9	36.9	43.1	14.1	14.7	20.9	35.4
2010 starting cohort.....	23.6	33.1	16.8	27.2	43.2	46.5	23.1	19.1	31.0	38.4
<b>Graduating within 5 years after start, males</b>										
<b>All 4-year institutions</b>										
1996 starting cohort.....	46.2	49.2	27.0	34.4	51.8	—	—	31.2	—	51.5
2000 starting cohort.....	49.0	52.0	29.9	37.8	56.5	—	—	31.6	—	53.0
2002 starting cohort.....	48.7	52.1	28.2	37.5	57.4	—	—	30.9	—	49.3
2003 starting cohort.....	49.9	53.5	28.5	38.6	58.6	—	—	31.1	—	50.9
2004 starting cohort.....	50.6	54.2	28.8	40.7	59.3	—	—	31.9	—	53.2
2005 starting cohort.....	50.9	54.7	28.8	41.4	61.1	59.7	39.0	33.1	55.6	53.2
2006 starting cohort.....	51.6	55.2	29.8	41.4	61.5	61.5	39.7	33.1	60.3	54.6
2007 starting cohort.....	51.6	55.5	29.8	42.2	60.4	60.7	42.3	32.6	60.5	53.9
2008 starting cohort.....	51.6	55.6	30.1	42.3	61.4	61.8	42.8	32.9	56.1	55.5
2009 starting cohort.....	51.5	55.8	29.1	42.8	63.3	63.9	41.7	33.5	50.8	58.0
2010 starting cohort.....	52.0	56.5	29.6	44.0	63.5	64.1	44.0	30.7	51.3	59.2
<b>Public institutions</b>										
1996 starting cohort.....	41.6	44.6	24.0	29.4	46.4	—	—	27.7	—	44.1
2000 starting cohort.....	44.8	47.6	27.4	32.6	52.1	—	—	27.7	—	47.2
2002 starting cohort.....	45.3	48.3	26.0	33.7	53.7	—	—	27.5	—	47.0
2003 starting cohort.....	46.7	50.0	26.3	34.7	55.1	—	—	28.7	—	48.2
2004 starting cohort.....	47.0	50.4	26.3	35.2	55.4	—	—	28.6	—	47.2
2005 starting cohort.....	47.8	51.3	26.9	37.2	56.0	56.3	37.1	31.2	44.9	46.9
2006 starting cohort.....	48.4	51.8	27.8	37.4	57.7	58.0	38.8	29.0	48.9	47.0
2007 starting cohort.....	48.6	52.2	28.1	38.6	56.9	57.2	40.8	30.2	53.7	46.8
2008 starting cohort.....	49.1	52.7	29.1	39.0	58.1	58.2	39.1	31.2	47.3	50.3
2009 starting cohort.....	49.5	53.1	28.3	40.2	60.4	60.9	41.6	30.1	45.0	53.5
2010 starting cohort.....	49.9	53.5	28.7	41.3	60.7	61.2	43.6	27.3	46.8	54.9
<b>Nonprofit institutions</b>										
1996 starting cohort.....	55.8	58.5	34.0	47.4	65.9	—	—	42.9	—	57.7
2000 starting cohort.....	58.5	61.3	35.1	51.7	69.9	—	—	45.9	—	58.9
2002 starting cohort.....	58.5	61.5	34.7	51.4	70.0	—	—	44.0	—	61.9
2003 starting cohort.....	59.3	62.3	35.0	53.2	70.7	—	—	41.5	—	62.2
2004 starting cohort.....	60.1	62.9	35.6	54.0	71.2	—	—	46.0	—	64.4
2005 starting cohort.....	59.5	62.5	34.7	53.3	70.6	71.0	45.2	40.4	69.3	63.9
2006 starting cohort.....	60.2	63.2	35.6	55.4	72.1	72.9	44.6	45.7	72.8	64.4
2007 starting cohort.....	59.7	63.2	34.9	55.1	71.5	72.0	51.2	42.5	70.9	63.1
2008 starting cohort.....	59.6	63.2	35.0	54.8	72.1	72.5	56.9	41.7	68.6	63.1
2009 starting cohort.....	59.6	63.3	34.2	54.6	72.4	73.1	49.4	47.5	63.9	65.4
2010 starting cohort.....	60.0	64.1	33.9	55.7	72.4	73.1	48.9	42.8	63.3	65.7
<b>For-profit institutions</b>										
1996 starting cohort.....	25.6	29.2	18.1	25.4	29.9	—	—	30.8	—	51.0
2000 starting cohort.....	33.6	38.1	27.6	34.4	46.4	—	—	28.7	—	43.1
2002 starting cohort.....	19.9	24.1	14.3	23.6	35.4	—	—	18.5	—	6.3
2003 starting cohort.....	22.6	26.3	16.0	24.9	32.0	—	—	16.0	—	10.2
2004 starting cohort.....	27.8	35.1	19.1	25.9	41.6	—	—	15.0	—	16.8
2005 starting cohort.....	28.7	36.4	16.4	27.4	38.1	38.7	33.3	23.8	28.5	24.9
2006 starting cohort.....	32.5	41.5	20.9	32.0	40.8	42.1	25.9	18.2	34.0	32.4
2007 starting cohort.....	32.7	43.3	19.5	30.7	41.8	44.2	21.1	23.1	27.7	34.8
2008 starting cohort.....	25.1	34.9	14.7	27.4	40.6	42.2	25.4	14.7	31.1	26.7
2009 starting cohort.....	21.4	29.7	13.7	24.7	38.9	42.9	14.1	14.8	27.2	26.4
2010 starting cohort.....	26.6	38.1	18.0	28.0	45.3	47.8	25.3	19.8	34.4	31.1
<b>Graduating within 5 years after start, females</b>										
<b>All 4-year institutions</b>										
1996 starting cohort.....	53.6	56.8	37.5	42.4	60.5	—	—	34.9	—	57.9
2000 starting cohort.....	55.6	58.8	40.2	45.9	63.4	—	—	37.8	—	58.0
2002 starting cohort.....	55.2	58.6	38.4	46.2	64.1	—	—	36.0	—	52.0
2003 starting cohort.....	55.9	59.7	38.0	46.2	65.1	—	—	35.8	—	53.5
2004 starting cohort.....	56.9	60.7	38.3	47.6	66.0	—	—	36.8	—	61.4
2005 starting cohort.....	56.8	60.8	37.8	47.5	66.5	66.9	41.9	35.9	61.2	62.4
2006 starting cohort.....	57.6	61.7	38.4	49.0	67.4	68.0	43.2	38.5	63.7	64.2
2007 starting cohort.....	58.1	62.2	39.3	49.6	67.7	68.4	42.9	39.0	66.3	64.9
2008 starting cohort.....	58.5	62.8	39.6	50.8	68.4	69.2	44.4	38.8	63.7	66.9
2009 starting cohort.....	58.4	63.1	37.9	51.3	70.3	71.2	42.6	39.6	57.8	70.8
2010 starting cohort.....	59.0	63.7	39.0	52.5	70.9	71.6	49.0	38.0	58.1	72.4

See notes at end of table.

**Table 326.10. Graduation rate from first institution attended for first-time, full-time bachelor's degree-seeking students at 4-year postsecondary institutions, by race/ethnicity, time to completion, sex, control of institution, and acceptance rate: Selected cohort entry years, 1996 through 2010—Continued**

Time to completion, sex, control of institution, cohort entry year, and acceptance rate	Total	White	Black	Hispanic	Asian/Pacific Islander			American Indian/Alaska Native	Two or more races	Nonresident alien <sup>1</sup>
					Total	Asian	Pacific Islander			
1	2	3	4	5	6	7	8	9	10	11
<b>Public institutions</b>										
1996 starting cohort.....	49.5	52.7	34.8	37.8	56.0	—	—	31.8	—	50.0
2000 starting cohort.....	52.7	55.5	39.3	42.1	61.0	—	—	35.1	—	53.5
2002 starting cohort.....	52.5	55.4	37.6	42.6	61.5	—	—	33.2	—	54.4
2003 starting cohort.....	53.3	56.8	36.5	43.1	62.8	—	—	33.9	—	55.0
2004 starting cohort.....	53.8	57.4	36.2	44.0	62.9	—	—	34.0	—	57.6
2005 starting cohort.....	53.9	57.7	36.3	44.5	63.4	63.7	40.5	33.5	50.0	56.5
2006 starting cohort.....	54.9	58.7	37.2	45.7	65.2	65.6	43.3	36.0	51.3	58.0
2007 starting cohort.....	55.5	59.4	38.1	46.8	64.8	65.3	41.9	37.7	56.0	58.3
2008 starting cohort.....	56.5	60.3	39.1	48.4	65.9	66.6	43.7	36.2	55.7	61.0
2009 starting cohort.....	56.9	60.8	38.3	49.3	68.0	68.7	43.8	37.2	51.9	66.3
2010 starting cohort.....	57.1	61.1	38.4	50.5	68.2	68.7	50.2	34.6	53.9	69.3
<b>Nonprofit institutions</b>										
1996 starting cohort.....	61.8	64.5	44.5	54.3	71.0	—	—	47.0	—	63.7
2000 starting cohort.....	62.7	65.8	43.2	57.4	70.0	—	—	47.7	—	62.3
2002 starting cohort.....	63.5	66.4	44.0	58.7	71.9	—	—	48.6	—	67.7
2003 starting cohort.....	64.6	67.5	45.5	58.0	73.0	—	—	46.5	—	69.3
2004 starting cohort.....	65.4	68.0	46.3	60.4	74.6	—	—	48.3	—	71.6
2005 starting cohort.....	65.1	68.0	44.8	58.8	75.0	75.5	52.9	46.7	73.1	72.4
2006 starting cohort.....	65.7	69.5	45.4	61.5	74.5	75.2	46.9	50.9	75.5	73.3
2007 starting cohort.....	65.9	68.9	46.2	60.7	76.2	76.9	55.1	48.5	76.2	73.7
2008 starting cohort.....	66.0	69.0	46.1	61.3	76.0	76.5	58.0	50.1	72.0	74.7
2009 starting cohort.....	66.3	69.7	44.0	61.5	77.2	77.9	53.4	51.1	69.4	77.2
2010 starting cohort.....	66.7	70.4	44.4	62.1	77.8	78.6	52.4	50.7	68.2	77.2
<b>For-profit institutions</b>										
1996 starting cohort.....	25.1	31.4	17.6	20.0	23.7	—	—	11.5	—	52.2
2000 starting cohort.....	25.9	30.0	17.6	27.5	42.6	—	—	30.4	—	45.1
2002 starting cohort.....	14.7	17.3	11.2	21.7	27.1	—	—	8.0	—	5.8
2003 starting cohort.....	18.3	21.4	15.3	23.9	28.8	—	—	8.5	—	9.9
2004 starting cohort.....	24.2	30.5	19.1	25.6	30.3	—	—	15.8	—	18.3
2005 starting cohort.....	22.6	29.9	15.5	24.7	38.3	42.3	11.8	15.5	26.0	23.5
2006 starting cohort.....	23.8	31.8	15.8	27.9	35.1	38.1	13.6	11.4	25.9	28.5
2007 starting cohort.....	23.2	30.4	14.9	27.5	36.3	42.2	10.9	15.8	35.8	34.4
2008 starting cohort.....	21.2	28.6	14.9	27.9	34.4	39.5	16.0	16.7	39.6	38.9
2009 starting cohort.....	17.8	23.5	11.4	25.5	35.2	43.3	14.1	14.6	15.7	42.9
2010 starting cohort.....	20.5	27.2	15.6	26.5	40.7	44.8	21.4	18.5	25.8	44.8
<b>Graduating within 6 years after start, males and females</b>										
<b>All 4-year institutions</b>										
1996 starting cohort.....	55.4	58.1	38.9	45.7	63.4	—	—	38.0	—	58.0
2000 starting cohort.....	57.5	60.2	42.1	49.1	66.7	—	—	40.2	—	59.6
2002 starting cohort.....	57.2	60.2	40.1	48.9	67.1	—	—	38.3	—	55.3
2003 starting cohort.....	57.8	61.1	39.5	49.1	68.1	—	—	38.7	—	56.1
2004 starting cohort.....	58.4	61.6	39.6	50.2	68.7	—	—	39.4	—	61.6
2005 starting cohort.....	58.6	62.0	39.5	51.0	69.2	69.6	48.3	39.3	64.2	62.6
2006 starting cohort.....	59.2	62.5	40.2	51.9	70.1	70.6	48.5	40.2	66.6	63.6
2007 starting cohort.....	59.4	62.9	40.7	52.5	70.0	70.5	49.5	40.6	67.8	63.9
2008 starting cohort.....	59.6	63.2	40.9	53.5	70.6	71.2	49.9	41.0	65.2	65.2
2009 starting cohort.....	59.4	63.3	39.5	53.6	72.3	73.0	48.5	41.2	59.2	68.8
2010 starting cohort <sup>2</sup> .....	59.8	63.9	39.7	54.4	72.9	73.6	51.3	38.8	59.5	70.0
Open admissions.....	32.3	39.6	19.4	30.1	39.6	42.1	21.7	18.8	28.5	44.8
90 percent or more accepted.....	48.4	51.6	28.3	41.7	56.7	57.4	45.4	27.4	44.6	56.4
75.0 to 89.9 percent accepted.....	57.2	60.4	39.0	50.7	60.9	61.7	44.5	40.4	51.6	60.2
50.0 to 74.9 percent accepted.....	61.5	65.4	43.1	54.2	70.1	70.6	53.6	41.8	58.4	69.3
25.0 to 49.9 percent accepted.....	69.6	75.4	43.3	66.1	79.3	79.5	69.6	52.5	74.2	75.3
Less than 25.0 percent accepted.....	88.1	90.0	70.9	81.0	93.0	93.1	80.0	80.8	89.4	92.1
<b>Public institutions</b>										
1996 starting cohort.....	51.7	54.3	36.8	42.1	59.5	—	—	35.3	—	51.3
2000 starting cohort.....	54.8	57.1	40.8	46.0	64.1	—	—	37.5	—	54.6
2002 starting cohort.....	54.9	57.4	39.4	46.3	64.7	—	—	35.7	—	55.5
2003 starting cohort.....	55.0	59.7	38.6	47.0	65.9	—	—	39.2	—	56.4
2004 starting cohort.....	56.1	59.0	38.5	47.9	66.3	—	—	37.0	—	57.2
2005 starting cohort.....	56.6	59.6	38.8	48.9	67.0	67.2	49.7	37.8	55.7	57.3
2006 starting cohort.....	57.2	60.3	39.7	49.5	68.2	68.5	49.1	38.2	57.0	57.7
2007 starting cohort.....	57.7	60.7	40.3	50.7	68.0	68.3	49.8	39.5	60.6	58.2
2008 starting cohort.....	58.5	61.4	41.2	52.3	68.9	69.4	49.2	39.7	59.0	61.0
2009 starting cohort.....	58.6	61.6	40.4	52.8	70.7	71.2	49.9	39.1	54.4	64.9
2010 starting cohort <sup>2</sup> .....	58.9	62.0	40.3	53.6	71.1	71.7	52.3	36.4	56.2	67.1
Open admissions.....	30.8	35.8	19.1	23.5	34.9	36.8	19.3	14.8	23.6	42.8
90 percent or more accepted.....	48.3	51.4	28.8	42.0	57.0	57.9	37.3	27.0	44.7	56.5
75.0 to 89.9 percent accepted.....	55.7	58.6	39.0	49.8	59.8	60.6	42.5	39.2	49.9	59.6
50.0 to 74.9 percent accepted.....	61.2	65.0	44.1	53.2	69.9	70.4	53.8	38.9	57.4	70.4
25.0 to 49.9 percent accepted.....	68.1	73.3	42.1	66.5	78.8	78.8	78.2	56.7	72.7	67.3
Less than 25.0 percent accepted.....	80.6	85.9	49.7	69.2	88.8	88.9	84.4	91.4	84.7	85.6
<b>Nonprofit institutions</b>										
1996 starting cohort.....	63.1	65.7	44.6	55.7	73.5	—	—	48.1	—	63.4
2000 starting cohort.....	64.5	67.0	45.9	59.0	75.2	—	—	50.9	—	64.5
2002 starting cohort.....	64.6	67.2	44.9	59.5	75.3	—	—	49.8	—	68.3
2003 starting cohort.....	65.1	67.8	45.0	59.4	76.0	—	—	47.6	—	69.3
2004 starting cohort.....	65.5	67.9	45.0	60.6	76.2	—	—	50.8	—	71.3
2005 starting cohort.....	65.2	67.8	43.9	60.4	76.5	77.0	52.6	46.5	75.2	71.0
2006 starting cohort.....	65.5	68.1	44.5	62.0	76.8	77.5	52.6	51.3	77.5	71.9
2007 starting cohort.....	65.3	68.3	44.5	60.9	77.0	77.5	57.6	47.9	76.8	71.5
2008 starting cohort.....	65.4	68.3	44.6	61.5	76.9	77.3	60.5	48.7	73.2	72.2
2009 starting cohort.....	65.6	68.8	43.5	61.2	77.9	78.5	55.6	52.0	69.6	74.8
2010 starting cohort <sup>2</sup> .....	65.9	69.4	42.8	61.9	78.4	79.2	54.6	49.3	68.5	74.7
Open admissions.....	36.6	45.6	20.9	30.6	38.7	41.0	23.7	25.9	33.9	50.5
90 percent or more accepted.....	50.7	53.9	26.9	40.8	56.6	56.4	37.4	31.0	45.5	56.7
75.0 to 89.9 percent accepted.....	61.6	65.5	40.7	54.7	64.9	65.7	51.0	46.8	58.0	61.5
50.0 to 74.9 percent accepted.....	63.2	67.3	43.0	58.2	71.0	71.6	55.8	50.3	61.6	68.0
25.0 to 49.9 percent accepted.....	74.2	79.5	47.3	70.1	81.5	81.9	59.9	54.2	77.0	80.6
Less than 25.0 percent accepted.....	91.3	91.3	80.6	90.9	95.8	95.9	73.3	78.5	91.1	94.1

See notes at end of table.

**Table 326.10. Graduation rate from first institution attended for first-time, full-time bachelor's degree-seeking students at 4-year postsecondary institutions, by race/ethnicity, time to completion, sex, control of institution, and acceptance rate: Selected cohort entry years, 1996 through 2010—Continued**

Time to completion, sex, control of institution, cohort entry year, and acceptance rate	Total	White	Black	Hispanic	Asian/Pacific Islander			American Indian/Alaska Native	Two or more races	Nonresident alien <sup>1</sup>
					Total	Asian	Pacific Islander			
1	2	3	4	5	6	7	8	9	10	11
<b>For-profit institutions</b>										
1996 starting cohort.....	28.0	33.2	19.2	24.6	28.9	—	—	23.1	—	54.0
2000 starting cohort.....	32.6	38.1	29.7	33.8	47.3	—	—	30.4	—	47.5
2002 starting cohort.....	22.0	25.5	16.3	27.5	35.5	—	—	17.1	—	12.5
2003 starting cohort.....	25.5	27.3	18.3	26.8	33.3	—	—	13.9	—	11.8
2004 starting cohort.....	28.6	35.5	21.4	29.0	38.8	—	—	19.0	—	21.8
2005 starting cohort.....	29.1	36.2	19.8	30.2	42.3	44.3	27.3	22.3	27.8	28.4
2006 starting cohort.....	31.5	40.3	21.1	33.7	42.5	44.4	25.2	18.8	32.4	35.5
2007 starting cohort.....	31.9	40.0	22.4	35.0	43.2	47.0	21.2	19.6	32.5	41.1
2008 starting cohort.....	26.4	34.5	18.7	31.6	41.1	44.1	25.3	19.8	35.4	41.3
2009 starting cohort.....	22.7	29.3	15.5	28.7	40.0	45.3	20.4	16.7	26.7	42.2
2010 starting cohort.....	25.6	34.1	17.9	29.8	45.0	48.3	24.9	19.5	32.3	43.0
<b>Graduating within 6 years after start, males</b>										
<b>All 4-year institutions</b>										
1996 starting cohort.....	52.0	54.8	32.8	41.3	59.5	—	—	36.2	—	55.4
2000 starting cohort.....	54.3	57.1	35.6	44.6	62.9	—	—	37.1	—	56.8
2002 starting cohort.....	54.1	57.3	34.0	44.1	64.0	—	—	35.1	—	53.9
2003 starting cohort.....	55.1	58.4	34.1	44.9	65.1	—	—	36.7	—	55.0
2004 starting cohort.....	55.6	58.9	34.3	45.7	65.7	—	—	37.5	—	58.1
2005 starting cohort.....	56.0	59.4	34.2	47.2	66.3	66.6	48.6	37.9	61.3	59.2
2006 starting cohort.....	56.5	59.8	35.2	47.8	67.4	67.8	46.4	37.2	64.5	60.1
2007 starting cohort.....	56.5	60.0	35.3	48.6	66.7	67.1	50.0	37.3	64.9	59.8
2008 starting cohort.....	56.5	60.1	35.3	48.9	67.6	68.0	49.9	38.6	61.7	61.7
2009 starting cohort.....	56.2	60.0	34.3	49.2	69.2	69.8	48.8	38.2	55.9	64.2
2010 starting cohort <sup>2</sup> .....	56.6	60.7	34.3	50.1	69.6	70.1	49.6	35.1	56.2	65.4
Open admissions.....	31.9	39.4	18.1	30.5	41.1	43.7	19.8	17.1	30.2	41.1
90 percent or more accepted.....	45.3	48.5	24.9	37.7	53.2	53.6	44.4	25.1	40.3	51.9
75.0 to 89.9 percent accepted.....	53.7	57.0	34.4	46.2	57.3	58.0	41.2	38.4	47.9	56.3
50.0 to 74.9 percent accepted.....	58.1	62.1	37.6	49.4	66.5	66.9	52.5	36.1	55.0	64.1
25.0 to 49.9 percent accepted.....	66.4	72.4	36.4	61.6	76.1	76.3	64.3	46.7	70.6	71.3
Less than 25.0 percent accepted....	86.7	88.8	64.5	80.0	91.7	91.8	80.0	85.4	88.0	90.9
<b>Public institutions</b>										
1996 starting cohort.....	48.1	50.8	30.3	37.5	55.2	—	—	33.1	—	48.8
2000 starting cohort.....	51.3	53.8	34.1	41.1	60.0	—	—	33.6	—	52.1
2002 starting cohort.....	51.7	54.4	32.9	41.4	61.3	—	—	32.2	—	52.5
2003 starting cohort.....	52.9	55.9	32.9	42.4	62.7	—	—	35.0	—	53.5
2004 starting cohort.....	53.2	56.2	32.9	43.1	63.0	—	—	34.9	—	53.1
2005 starting cohort.....	53.9	57.0	33.3	44.9	64.0	64.2	50.9	36.8	52.7	53.3
2006 starting cohort.....	54.4	57.4	34.2	45.0	65.1	65.4	47.2	35.3	56.1	53.7
2007 starting cohort.....	54.6	57.7	34.7	46.3	64.4	64.7	49.5	35.8	59.4	54.1
2008 starting cohort.....	55.2	58.2	35.4	47.3	65.6	65.9	47.7	37.9	54.9	57.4
2009 starting cohort.....	55.3	58.3	34.8	48.1	67.4	67.8	50.0	35.6	51.4	60.5
2010 starting cohort <sup>2</sup> .....	55.7	58.9	34.7	49.0	67.8	68.3	49.9	32.7	52.8	62.3
Open admissions.....	29.1	33.9	15.8	21.4	34.6	36.9	15.0	12.5	24.4	42.4
90 percent or more accepted.....	45.4	48.4	25.9	38.1	53.0	53.6	37.5	24.1	40.7	51.7
75.0 to 89.9 percent accepted.....	52.5	55.3	34.4	45.4	56.7	57.4	39.0	36.4	46.2	55.8
50.0 to 74.9 percent accepted.....	57.9	61.7	38.1	48.4	66.5	66.9	52.1	33.3	53.8	65.0
25.0 to 49.9 percent accepted.....	64.8	69.8	35.3	62.1	75.7	75.8	73.1	52.4	69.2	62.9
Less than 25.0 percent accepted....	79.6	84.7	46.9	67.2	87.0	87.1	80.0	100.0	83.4	83.3
<b>Nonprofit institutions</b>										
1996 starting cohort.....	60.4	63.0	38.9	52.1	71.5	—	—	46.7	—	60.9
2000 starting cohort.....	61.7	64.4	39.3	55.3	73.1	—	—	50.1	—	61.7
2002 starting cohort.....	61.9	64.8	38.6	55.4	73.8	—	—	46.6	—	65.4
2003 starting cohort.....	62.5	65.3	38.9	56.7	74.2	—	—	45.4	—	65.8
2004 starting cohort.....	63.0	65.7	39.3	57.1	74.5	—	—	49.5	—	68.3
2005 starting cohort.....	62.5	65.3	38.2	57.2	74.6	75.1	49.2	42.8	73.5	67.4
2006 starting cohort.....	62.9	65.6	39.2	58.7	75.6	76.3	49.1	48.6	76.2	68.8
2007 starting cohort.....	62.3	65.6	38.2	58.0	74.9	75.3	58.1	44.5	74.3	67.3
2008 starting cohort.....	62.3	65.6	38.3	57.8	75.0	75.3	60.7	44.4	72.2	68.0
2009 starting cohort.....	62.2	65.6	37.5	57.6	75.7	76.3	54.3	50.0	66.8	70.3
2010 starting cohort <sup>2</sup> .....	62.6	66.3	37.0	58.5	75.8	76.5	53.4	45.2	65.8	70.6
Open admissions.....	33.6	42.3	17.9	27.9	37.8	40.7	21.1	18.9	27.2	42.5
90 percent or more accepted.....	46.4	49.9	21.9	35.3	56.4	55.6	61.9	29.4	38.3	52.7
75.0 to 89.9 percent accepted.....	57.8	61.9	35.4	50.4	59.7	60.4	50.0	48.0	55.2	57.2
50.0 to 74.9 percent accepted.....	59.3	63.5	38.0	53.9	67.0	67.5	54.7	44.6	58.6	63.2
25.0 to 49.9 percent accepted.....	71.5	77.4	39.9	66.1	77.7	78.2	56.8	44.8	73.9	76.9
Less than 25.0 percent accepted....	90.0	90.3	74.6	88.8	95.0	95.1	80.0	80.0	89.7	93.3
<b>For-profit institutions</b>										
1996 starting cohort.....	28.0	32.3	19.4	26.7	31.7	—	—	30.8	—	53.0
2000 starting cohort.....	35.5	40.2	29.8	36.2	48.4	—	—	30.3	—	46.3
2002 starting cohort.....	23.6	27.8	16.6	26.7	38.4	—	—	23.5	—	11.7
2003 starting cohort.....	25.7	29.3	18.5	26.9	35.0	—	—	18.8	—	12.1
2004 starting cohort.....	30.3	37.2	21.5	29.0	43.6	—	—	18.6	—	23.7
2005 starting cohort.....	31.6	38.8	19.5	30.4	42.5	43.3	36.0	27.7	28.5	29.4
2006 starting cohort.....	35.4	43.9	23.5	35.4	44.0	45.5	27.6	19.6	34.6	37.4
2007 starting cohort.....	35.7	44.9	23.3	36.0	43.7	45.9	23.9	27.2	28.9	41.4
2008 starting cohort.....	27.8	37.0	17.8	30.6	43.0	44.4	29.9	18.8	31.8	33.4
2009 starting cohort.....	23.9	32.1	16.0	27.4	40.9	44.9	16.5	16.4	28.7	33.2
2010 starting cohort.....	28.1	39.0	19.1	29.9	47.2	49.5	29.3	20.8	35.8	34.9

See notes at end of table.

**Table 326.10. Graduation rate from first institution attended for first-time, full-time bachelor's degree-seeking students at 4-year postsecondary institutions, by race/ethnicity, time to completion, sex, control of institution, and acceptance rate: Selected cohort entry years, 1996 through 2010—Continued**

Time to completion, sex, control of institution, cohort entry year, and acceptance rate	Total	White	Black	Hispanic	Asian/Pacific Islander			American Indian/Alaska Native	Two or more races	Nonresident alien <sup>1</sup>
					Total	Asian	Pacific Islander			
1	2	3	4	5	6	7	8	9	10	11
<b>Graduating within 6 years after start, females</b>										
<b>All 4-year institutions</b>										
1996 starting cohort.....	58.2	60.9	43.0	49.1	66.8	—	—	39.5	—	61.5
2000 starting cohort.....	60.2	62.8	46.4	52.4	70.1	—	—	42.7	—	63.1
2002 starting cohort.....	59.7	62.5	44.2	52.5	69.8	—	—	40.7	—	56.7
2003 starting cohort.....	60.0	63.3	43.2	52.2	70.7	—	—	40.2	—	57.3
2004 starting cohort.....	60.7	63.9	43.3	53.5	71.3	—	—	40.9	—	65.0
2005 starting cohort.....	60.8	64.2	43.0	53.8	71.8	72.2	48.1	40.3	66.7	66.6
2006 starting cohort.....	61.4	64.9	43.6	54.9	72.6	73.1	50.2	42.5	68.1	67.6
2007 starting cohort.....	61.9	65.4	44.5	55.5	73.0	73.6	49.1	43.1	69.9	68.7
2008 starting cohort.....	62.3	65.9	44.7	57.0	73.4	74.1	50.0	42.8	67.7	70.2
2009 starting cohort.....	62.1	66.1	43.2	57.0	75.1	75.9	48.2	43.6	61.7	74.0
2010 starting cohort <sup>2</sup> .....	62.5	66.6	43.7	57.8	75.9	76.7	52.6	41.7	62.1	75.5
Open admissions.....	32.7	39.7	20.6	29.6	38.1	40.3	23.2	20.1	26.8	49.5
90 percent or more accepted.....	51.3	54.5	31.0	45.2	60.0	61.1	46.1	29.4	48.2	63.4
75.0 to 89.9 percent accepted.....	60.1	63.4	42.5	54.0	69.3	65.2	47.3	41.8	54.3	66.0
50.0 to 74.9 percent accepted.....	64.3	68.2	47.0	57.7	73.3	74.0	54.4	46.2	60.9	75.4
25.0 to 49.9 percent accepted.....	72.2	78.0	48.0	69.3	82.1	82.2	74.6	56.9	76.8	79.2
Less than 25.0 percent accepted.....	89.5	91.5	76.5	81.9	94.1	94.2	80.0	76.9	90.5	93.5
<b>Public institutions</b>										
1996 starting cohort.....	54.7	57.4	41.0	45.7	63.5	—	—	37.0	—	54.9
2000 starting cohort.....	57.7	59.9	43.2	49.7	67.8	—	—	40.5	—	58.1
2002 starting cohort.....	57.5	59.9	45.7	50.0	67.7	—	—	38.3	—	59.0
2003 starting cohort.....	58.2	61.0	42.4	50.4	68.8	—	—	38.9	—	59.7
2004 starting cohort.....	58.6	61.5	42.3	51.5	69.2	—	—	38.5	—	62.3
2005 starting cohort.....	58.8	61.8	42.4	51.9	69.7	70.0	48.7	38.5	58.4	62.0
2006 starting cohort.....	59.6	62.7	43.3	52.9	71.1	71.5	50.7	40.5	57.8	62.6
2007 starting cohort.....	60.3	63.3	44.1	54.1	71.3	71.8	49.9	42.3	61.5	63.4
2008 starting cohort.....	61.2	64.3	45.1	56.1	72.0	72.6	50.3	41.0	65.3	65.3
2009 starting cohort.....	61.4	64.5	44.2	56.4	73.8	74.5	49.8	41.8	56.9	70.3
2010 starting cohort <sup>2</sup> .....	61.7	64.9	44.2	57.1	74.4	75.0	54.5	39.3	58.9	73.2
Open admissions.....	32.3	37.5	21.7	25.2	35.2	36.7	23.3	16.5	23.1	43.4
90 percent or more accepted.....	51.0	54.1	31.1	45.3	61.1	62.3	37.0	29.4	48.3	64.4
75.0 to 89.9 percent accepted.....	58.5	61.4	42.3	53.2	63.0	64.0	45.3	41.2	52.8	65.3
50.0 to 74.9 percent accepted.....	64.1	67.8	48.1	56.9	73.4	73.9	55.3	43.4	60.1	77.2
25.0 to 49.9 percent accepted.....	70.8	76.4	46.4	69.5	81.6	81.6	82.5	60.0	75.4	71.6
Less than 25.0 percent accepted.....	81.7	88.0	53.1	70.5	90.5	90.5	90.0	72.7	85.8	88.1
<b>Nonprofit institutions</b>										
1996 starting cohort.....	65.4	67.9	48.4	58.3	75.0	—	—	49.2	—	66.4
2000 starting cohort.....	66.7	69.1	50.4	61.7	76.7	—	—	51.5	—	67.9
2002 starting cohort.....	66.7	69.1	49.4	62.2	76.3	—	—	52.1	—	71.5
2003 starting cohort.....	67.2	69.8	49.2	61.3	77.3	—	—	49.3	—	73.2
2004 starting cohort.....	67.4	69.7	49.2	63.0	77.6	—	—	51.7	—	74.5
2005 starting cohort.....	67.3	69.8	48.1	62.6	77.9	78.4	54.9	49.2	76.5	75.1
2006 starting cohort.....	67.6	70.1	48.5	64.2	77.7	78.4	55.1	53.0	78.3	75.4
2007 starting cohort.....	67.7	70.5	49.2	62.9	78.6	79.3	57.3	50.6	78.4	76.0
2008 starting cohort.....	67.9	70.5	49.3	64.1	78.4	78.9	60.4	51.8	73.9	76.6
2009 starting cohort.....	68.3	71.4	48.2	63.8	79.6	80.2	56.7	53.5	71.4	79.4
2010 starting cohort <sup>2</sup> .....	68.5	71.8	47.5	64.3	80.4	81.3	55.4	52.2	70.3	79.2
Open admissions.....	39.5	49.0	23.9	32.6	39.4	41.1	26.3	29.9	38.0	62.3
90 percent or more accepted.....	54.2	57.3	31.7	46.2	56.7	57.1	55.3	32.1	50.3	62.1
75.0 to 89.9 percent accepted.....	64.6	68.2	44.9	57.5	68.5	69.4	51.8	45.9	60.0	67.6
50.0 to 74.9 percent accepted.....	66.2	70.1	46.9	61.1	73.8	74.5	56.5	54.2	63.7	73.0
25.0 to 49.9 percent accepted.....	76.5	81.4	52.5	72.9	84.4	84.7	63.0	61.9	79.0	84.1
Less than 25.0 percent accepted.....	92.5	92.4	85.1	92.8	96.5	96.6	66.7	77.4	92.2	95.1
<b>For-profit institutions</b>										
1996 starting cohort.....	27.9	34.5	19.0	21.9	24.9	—	—	17.3	—	55.1
2000 starting cohort.....	29.1	35.1	19.7	30.9	45.2	—	—	30.4	—	48.9
2002 starting cohort.....	20.5	23.1	16.1	28.3	31.3	—	—	12.0	—	13.0
2003 starting cohort.....	21.8	25.6	18.2	26.7	31.6	—	—	10.8	—	11.6
2004 starting cohort.....	26.9	33.6	21.3	28.9	33.1	—	—	19.3	—	20.4
2005 starting cohort.....	26.9	33.3	20.0	30.0	42.1	45.8	17.6	18.7	26.9	27.7
2006 starting cohort.....	28.0	35.8	19.5	32.1	40.8	43.3	23.9	18.2	29.3	33.9
2007 starting cohort.....	28.4	35.8	21.8	34.1	42.8	48.1	19.7	14.3	37.6	40.8
2008 starting cohort.....	25.3	31.9	19.3	32.5	39.4	43.8	23.5	20.8	40.6	48.0
2009 starting cohort.....	21.7	26.6	15.2	29.8	39.3	45.8	22.2	16.9	25.1	49.7
2010 starting cohort.....	23.0	28.3	16.6	29.8	42.3	46.7	21.4	18.5	26.8	50.1

—Not available.

<sup>1</sup>Race/ethnicity not collected.

<sup>2</sup>Includes data for institutions not reporting admissions data, which are not separately shown.  
NOTE: Data are for 4-year degree-granting postsecondary institutions participating in Title IV federal financial aid programs. Graduation rates refer to students receiving bachelor's degrees from their initial institutions of attendance only. Totals include data for persons whose

race/ethnicity was not reported. Race categories exclude persons of Hispanic ethnicity. Some data have been revised from previously published figures.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), Spring 2002 through Spring 2013 and Winter 2013–14 through Winter 2016–17, Graduation Rates component; and IPEDS Fall 2010, Institutional Characteristics component. (This table was prepared December 2017.)

**Table 326.20. Graduation rate from first institution attended within 150 percent of normal time for first-time, full-time degree/certificate-seeking students at 2-year postsecondary institutions, by race/ethnicity, sex, and control of institution: Selected cohort entry years, 2000 through 2013**

Sex, control of institution, and cohort entry year	Percent graduating with a certificate or associate's degree within 150 percent of normal time									
	Total	White	Black	Hispanic	Asian/Pacific Islander			American Indian/Alaska Native	Two or more races	Nonresident alien <sup>1</sup>
					Total	Asian	Pacific Islander			
1	2	3	4	5	6	7	8	9	10	11
<b>Males and females</b>										
<b>All 2-year institutions</b>										
2000 starting cohort .....	30.5	31.5	26.1	30.1	33.3	—	—	29.3	—	25.5
2004 starting cohort .....	27.8	29.0	22.9	26.3	30.2	—	—	26.7	—	32.9
2005 starting cohort .....	27.5	28.5	22.6	25.7	31.5	—	—	24.9	—	32.2
2006 starting cohort .....	29.2	29.3	24.4	30.7	33.9	—	—	24.4	—	30.1
2007 starting cohort .....	29.8	29.4	25.4	33.3	33.1	—	—	25.5	—	30.9
2008 starting cohort .....	31.2	30.1	27.6	35.1	34.3	35.2	24.1	25.7	33.3	33.7
2009 starting cohort .....	30.9	30.1	26.4	36.3	35.1	36.0	25.0	25.7	30.5	34.6
2010 starting cohort .....	29.4	29.4	23.7	33.8	35.4	35.1	37.9	23.9	25.9	36.2
2011 starting cohort .....	27.9	29.0	20.2	29.9	33.6	33.7	32.1	22.5	24.5	34.5
2012 starting cohort .....	29.0	30.5	22.1	29.8	35.7	35.8	34.4	24.4	24.4	35.8
2013 starting cohort .....	30.3	32.2	23.2	30.1	36.1	36.2	34.3	26.8	25.1	35.0
<b>Public institutions</b>										
2000 starting cohort.....	23.6	25.7	17.8	16.8	25.5	—	—	19.6	—	23.2
2004 starting cohort.....	20.3	22.9	11.5	15.0	24.2	—	—	17.8	—	30.5
2005 starting cohort.....	20.6	22.9	12.1	15.6	25.8	—	—	18.2	—	29.9
2006 starting cohort.....	20.4	23.1	12.0	15.5	25.4	—	—	16.9	—	25.0
2007 starting cohort.....	20.3	22.9	11.8	15.9	25.3	—	—	17.4	—	25.5
2008 starting cohort.....	20.2	22.8	11.8	15.8	26.2	27.2	15.2	15.4	17.0	30.5
2009 starting cohort.....	19.8	22.5	11.3	15.9	26.1	27.3	11.9	15.9	18.5	32.6
2010 starting cohort.....	19.5	22.5	10.8	16.2	26.7	27.6	15.7	15.0	17.4	32.6
2011 starting cohort.....	20.0	23.4	9.8	17.5	27.2	28.1	14.0	14.4	17.6	31.0
2012 starting cohort.....	21.9	25.5	11.7	19.1	30.2	30.7	22.1	15.5	18.4	32.9
2013 starting cohort.....	23.6	27.4	13.3	20.7	31.0	31.6	19.9	17.3	19.6	31.9
<b>Nonprofit institutions</b>										
2000 starting cohort.....	50.1	49.6	37.5	56.3	61.4	—	—	62.1	—	43.1
2004 starting cohort.....	44.4	48.9	37.3	35.6	36.6	—	—	19.5	—	54.7
2005 starting cohort.....	48.2	52.3	41.6	47.3	41.6	—	—	14.8	—	51.7
2006 starting cohort.....	52.8	55.0	46.5	47.5	51.2	—	—	22.6	—	69.3
2007 starting cohort.....	51.0	56.1	43.6	46.1	51.0	—	—	15.3	—	63.9
2008 starting cohort.....	56.6	59.7	53.4	62.4	52.9	53.9	‡	25.0	55.8	59.5
2009 starting cohort.....	62.3	66.0	59.7	68.3	57.9	57.7	‡	30.4	66.5	50.0
2010 starting cohort.....	53.4	55.9	50.9	61.9	51.7	52.2	‡	18.2	39.5	52.5
2011 starting cohort.....	51.2	56.3	46.5	57.5	47.0	48.0	35.7	21.6	45.6	51.5
2012 starting cohort.....	56.5	63.1	47.3	60.4	61.6	60.2	68.9	44.6	51.9	65.1
2013 starting cohort.....	59.6	65.8	50.4	64.1	72.9	75.3	65.3	52.2	53.8	70.6
<b>For-profit institutions</b>										
2000 starting cohort.....	59.1	63.1	47.6	60.3	64.4	—	—	60.3	—	55.4
2004 starting cohort.....	58.2	64.3	48.4	59.6	65.4	—	—	59.0	—	71.1
2005 starting cohort.....	57.7	62.9	47.8	61.4	65.8	—	—	55.8	—	57.7
2006 starting cohort.....	58.3	62.8	46.9	62.7	72.1	—	—	57.5	—	65.6
2007 starting cohort.....	60.6	65.0	49.7	65.1	68.8	—	—	59.0	—	67.6
2008 starting cohort.....	61.7	64.1	52.6	67.9	69.9	70.2	66.2	60.3	57.4	62.0
2009 starting cohort.....	62.7	65.1	52.9	68.4	70.8	71.6	64.0	60.7	59.9	61.7
2010 starting cohort.....	62.8	65.8	53.3	68.3	72.3	73.4	68.8	61.2	58.9	69.7
2011 starting cohort.....	58.4	62.5	48.4	62.2	65.9	66.4	63.6	55.5	56.8	69.6
2012 starting cohort.....	60.0	63.0	48.9	68.7	70.5	71.4	65.0	60.7	55.9	66.1
2013 starting cohort.....	59.7	63.8	47.7	66.1	68.8	68.8	68.6	60.7	57.2	70.3
<b>Males</b>										
<b>All 2-year institutions</b>										
2000 starting cohort.....	28.7	30.0	23.1	27.9	30.1	—	—	28.3	—	22.9
2004 starting cohort.....	25.7	27.3	19.1	22.6	27.9	—	—	23.6	—	30.1
2005 starting cohort.....	25.3	27.0	18.6	21.8	28.4	—	—	23.4	—	29.4
2006 starting cohort.....	26.3	27.2	20.3	25.4	30.5	—	—	22.6	—	27.4
2007 starting cohort.....	26.2	27.0	20.3	26.6	29.3	—	—	23.7	—	27.1
2008 starting cohort.....	27.4	27.7	22.7	29.1	30.3	30.9	23.8	23.0	28.8	30.5
2009 starting cohort.....	27.2	27.8	22.1	30.0	30.9	31.7	21.6	23.6	24.6	31.5
2010 starting cohort.....	26.2	27.5	19.5	27.7	31.5	31.5	31.8	21.4	22.3	33.2
2011 starting cohort.....	25.3	27.5	16.8	25.7	29.8	29.9	28.7	20.6	21.7	31.7
2012 starting cohort.....	26.6	29.2	18.8	25.0	31.8	31.8	31.0	22.7	22.9	32.5
2013 starting cohort.....	27.5	30.5	19.3	25.3	31.7	31.9	29.6	23.9	22.8	31.2
<b>Public institutions</b>										
2000 starting cohort.....	22.2	24.2	16.5	15.4	22.6	—	—	19.3	—	20.4
2004 starting cohort.....	19.6	21.8	11.5	13.8	22.6	—	—	17.5	—	27.8
2005 starting cohort.....	19.9	22.1	12.0	14.6	23.5	—	—	18.7	—	27.4
2006 starting cohort.....	19.8	22.2	12.2	14.7	23.7	—	—	16.3	—	22.5
2007 starting cohort.....	19.8	22.2	11.9	15.1	23.6	—	—	18.6	—	22.1
2008 starting cohort.....	19.6	22.1	12.0	14.9	24.3	25.1	15.2	15.2	16.7	28.1
2009 starting cohort.....	19.3	22.0	11.4	14.8	24.4	25.4	12.4	16.0	16.8	29.9
2010 starting cohort.....	19.0	21.9	10.7	15.1	24.7	25.4	14.8	14.1	16.2	30.1
2011 starting cohort.....	19.5	23.0	9.8	16.4	24.6	25.4	12.9	14.2	16.3	28.2
2012 starting cohort.....	21.4	25.1	11.4	17.6	27.8	28.2	21.4	15.6	17.4	29.7
2013 starting cohort.....	22.9	26.9	13.0	19.0	27.9	28.4	18.6	16.7	18.9	27.9

See notes at end of table.

**Table 326.20. Graduation rate from first institution attended within 150 percent of normal time for first-time, full-time degree/certificate-seeking students at 2-year postsecondary institutions, by race/ethnicity, sex, and control of institution: Selected cohort entry years, 2000 through 2013—Continued**

Sex, control of institution, and cohort entry year	Percent graduating with a certificate or associate's degree within 150 percent of normal time									
	Total	White	Black	Hispanic	Asian/Pacific Islander			American Indian/Alaska Native	Two or more races	Nonresident alien <sup>1</sup>
					Total	Asian	Pacific Islander			
1	2	3	4	5	6	7	8	9	10	11
<b>Nonprofit institutions</b>										
2000 starting cohort.....	49.5	49.3	31.7	54.3	62.5	—	—	64.5	—	42.6
2004 starting cohort.....	43.2	46.4	38.3	36.4	40.3	—	—	17.5	—	52.0
2005 starting cohort.....	44.5	49.1	38.7	42.9	43.7	—	—	10.4	—	47.7
2006 starting cohort.....	51.3	52.6	45.1	45.6	54.0	—	—	21.8	—	68.2
2007 starting cohort.....	50.1	56.4	45.5	41.1	49.3	—	—	10.3	—	58.1
2008 starting cohort.....	49.8	53.8	47.3	49.4	45.4	46.3	‡	14.6	46.7	52.1
2009 starting cohort.....	53.6	57.5	51.0	58.2	47.4	47.7	‡	22.4	56.1	45.1
2010 starting cohort.....	46.2	49.4	42.5	52.1	47.6	48.8	‡	19.8	27.0	44.0
2011 starting cohort.....	45.7	52.0	38.0	48.9	41.1	42.8	‡	19.2	42.0	50.3
2012 starting cohort.....	57.4	65.5	42.7	58.3	56.8	55.2	68.3	46.3	44.8	67.2
2013 starting cohort.....	56.4	64.8	39.7	58.6	71.5	73.8	60.5	43.7	51.8	67.6
<b>For-profit institutions</b>										
2000 starting cohort.....	59.3	63.7	45.6	58.2	63.1	—	—	55.9	—	55.0
2004 starting cohort.....	58.1	65.4	44.6	55.4	64.3	—	—	59.6	—	69.4
2005 starting cohort.....	57.7	64.8	43.1	57.5	65.7	—	—	56.3	—	56.3
2006 starting cohort.....	56.5	62.2	42.3	57.6	69.7	—	—	57.5	—	63.8
2007 starting cohort.....	58.4	65.1	45.0	59.5	66.8	—	—	56.7	—	67.9
2008 starting cohort.....	58.9	63.9	48.2	63.1	67.7	68.1	65.1	54.6	58.2	54.6
2009 starting cohort.....	59.6	63.7	49.3	63.8	67.7	68.7	59.2	59.4	55.2	59.9
2010 starting cohort.....	60.8	66.0	49.5	63.3	71.2	72.8	65.3	59.1	57.2	66.4
2011 starting cohort.....	57.7	63.3	45.6	59.9	65.9	65.6	67.1	53.6	56.0	67.7
2012 starting cohort.....	57.7	61.7	46.7	63.9	67.2	68.3	61.9	57.4	56.6	60.6
2013 starting cohort.....	57.1	61.7	44.8	62.8	67.4	67.5	66.8	56.8	54.4	69.0
<b>Females</b>										
<b>All 2-year institutions</b>										
2000 starting cohort.....	32.1	33.0	28.1	31.8	36.3	—	—	30.0	—	28.3
2004 starting cohort.....	29.6	30.5	25.2	29.0	32.6	—	—	28.8	—	35.3
2005 starting cohort.....	29.3	29.9	25.2	28.6	34.6	—	—	25.9	—	34.8
2006 starting cohort.....	31.5	31.2	26.9	34.5	37.4	—	—	25.7	—	32.5
2007 starting cohort.....	32.7	31.5	28.5	37.9	37.0	—	—	26.8	—	34.4
2008 starting cohort.....	34.4	32.3	30.9	39.4	38.3	39.6	24.3	27.9	36.2	36.7
2009 starting cohort.....	34.1	32.3	29.4	40.9	39.3	40.3	28.0	27.3	35.0	37.6
2010 starting cohort.....	32.1	31.1	26.7	38.2	39.4	38.9	43.2	26.0	28.9	39.1
2011 starting cohort.....	30.0	30.5	22.6	33.1	37.6	37.9	35.3	24.0	26.8	37.3
2012 starting cohort.....	31.2	31.7	24.6	33.6	39.8	40.0	37.5	25.8	25.8	39.4
2013 starting cohort.....	32.8	33.8	26.2	33.9	40.7	40.8	38.7	29.2	27.1	39.3
<b>Public institutions</b>										
2000 starting cohort.....	24.8	27.1	18.8	17.9	28.4	—	—	19.9	—	26.2
2004 starting cohort.....	21.0	24.0	11.5	16.0	26.1	—	—	17.9	—	32.8
2005 starting cohort.....	21.2	23.8	12.1	16.4	28.2	—	—	17.8	—	32.2
2006 starting cohort.....	20.9	23.9	11.8	16.2	27.3	—	—	17.5	—	27.3
2007 starting cohort.....	20.7	23.6	11.7	16.7	27.1	—	—	16.4	—	28.7
2008 starting cohort.....	20.7	23.5	11.7	16.5	28.3	29.6	15.2	15.6	17.3	32.9
2009 starting cohort.....	20.2	23.0	11.2	16.8	28.0	29.5	11.4	15.8	20.0	35.4
2010 starting cohort.....	20.1	23.0	10.8	17.2	29.0	30.0	16.8	15.7	18.6	35.1
2011 starting cohort.....	20.4	23.8	9.7	18.4	30.3	31.3	15.3	14.6	18.7	33.9
2012 starting cohort.....	22.5	25.8	11.8	20.3	32.9	33.7	22.8	15.4	19.2	36.4
2013 starting cohort.....	24.4	27.9	13.6	22.2	34.6	35.4	21.4	17.8	20.2	36.5
<b>Nonprofit institutions</b>										
2000 starting cohort.....	50.7	50.0	43.1	58.3	60.1	—	—	60.2	—	43.8
2004 starting cohort.....	45.4	51.1	36.3	35.1	34.3	—	—	21.0	—	57.4
2005 starting cohort.....	51.3	54.9	44.9	49.6	40.1	—	—	18.0	—	55.2
2006 starting cohort.....	54.0	56.7	47.7	48.5	48.8	—	—	23.2	—	70.4
2007 starting cohort.....	51.8	55.8	41.6	49.5	52.2	—	—	18.9	—	69.9
2008 starting cohort.....	59.9	63.2	55.8	67.7	56.8	57.7	‡	31.5	58.3	66.8
2009 starting cohort.....	66.6	70.8	63.4	72.5	63.2	62.7	‡	34.5	70.3	54.5
2010 starting cohort.....	57.5	60.0	54.8	66.4	54.5	54.5	‡	17.3	45.5	58.7
2011 starting cohort.....	54.1	59.2	50.2	60.8	50.0	50.6	‡	23.6	47.7	52.7
2012 starting cohort.....	56.1	61.2	49.2	61.3	64.1	62.9	69.2	43.6	55.0	63.6
2013 starting cohort.....	60.8	66.3	53.5	66.3	73.7	76.3	66.9	56.3	54.7	73.3
<b>For-profit institutions</b>										
2000 starting cohort.....	58.9	62.6	48.6	61.8	65.3	—	—	63.8	—	55.7
2004 starting cohort.....	58.3	63.4	49.9	61.9	66.2	—	—	58.7	—	72.3
2005 starting cohort.....	57.7	61.6	49.4	63.3	65.8	—	—	55.7	—	58.6
2006 starting cohort.....	59.3	63.2	48.8	65.1	73.7	—	—	57.4	—	67.0
2007 starting cohort.....	61.6	64.9	51.4	67.4	70.0	—	—	60.0	—	67.5
2008 starting cohort.....	63.2	64.2	54.7	70.3	71.2	71.4	67.3	64.0	57.1	67.6
2009 starting cohort.....	64.4	66.0	54.7	70.7	72.7	73.4	66.9	61.5	61.9	68.8
2010 starting cohort.....	63.8	65.7	55.0	70.7	73.1	73.7	71.0	62.5	59.8	72.7
2011 starting cohort.....	58.8	62.0	49.7	63.4	65.9	66.9	61.4	56.6	57.1	71.4
2012 starting cohort.....	61.3	63.9	50.1	71.0	72.5	73.4	67.4	62.7	55.4	72.7
2013 starting cohort.....	61.2	65.2	49.2	67.5	69.6	69.6	69.8	63.3	58.8	71.9

—Not available.

‡Reporting standards not met (too few cases).

<sup>1</sup>Race/ethnicity not collected.

NOTE: Data are for 2-year degree-granting postsecondary institutions participating in Title IV federal financial aid programs. Graduation rates refer to students receiving associate's degrees or certificates from their initial institutions of attendance only. Totals include data

for persons whose race/ethnicity was not reported. Race categories exclude persons of Hispanic ethnicity. Some data have been revised from previously published figures.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), Spring 2002 through Spring 2014 and Winter 2013–14 through Winter 2016–17, Graduation Rates component. (This table was prepared December 2017.)

**Table 326.30. Retention of first-time degree-seeking undergraduates at degree-granting postsecondary institutions, by attendance status, level and control of institution, and percentage of applications accepted: Selected years, 2006 to 2016**

Attendance status, level, control, and percent of applications accepted	First-time degree-seekers (adjusted entry cohort), <sup>1</sup> by entry year							Students from adjusted cohort returning in the following year							Percent of first-time undergraduates retained						
	2006	2009	2011	2012	2013	2014	2015	2007	2010	2012	2013	2014	2015	2016	2006 to 2007	2009 to 2010	2011 to 2012	2012 to 2013	2013 to 2014	2014 to 2015	2015 to 2016
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
<b>Full-time students</b>																					
<b>All institutions</b>	<b>2,171,714</b>	<b>2,371,220</b>	<b>2,271,908</b>	<b>2,222,696</b>	<b>2,222,085</b>	<b>2,211,406</b>	<b>2,180,675</b>	<b>1,542,175</b>	<b>1,705,242</b>	<b>1,631,396</b>	<b>1,620,901</b>	<b>1,642,567</b>	<b>1,647,295</b>	<b>1,640,963</b>	<b>71.0</b>	<b>71.9</b>	<b>71.8</b>	<b>72.9</b>	<b>73.9</b>	<b>74.5</b>	<b>75.3</b>
Public institutions	1,524,044	1,732,822	1,666,828	1,637,518	1,646,902	1,639,875	1,619,768	1,072,644	1,222,688	1,170,856	1,168,782	1,193,200	1,200,374	1,198,609	70.4	70.6	70.2	71.4	72.5	73.2	74.0
Nonprofit institutions	466,139	478,755	484,388	483,373	483,617	489,834	491,898	369,084	381,364	386,563	388,107	392,080	396,659	399,434	79.2	79.7	79.8	80.3	81.1	81.0	81.2
For-profit institutions	181,531	159,643	120,692	101,805	91,566	81,697	69,009	100,447	101,190	73,977	64,012	57,287	50,262	42,920	55.3	63.4	61.3	62.9	62.6	61.5	62.2
4-year institutions	1,458,731	1,452,575	1,472,189	1,466,129	1,483,526	1,501,582	1,524,088	1,115,529	1,146,534	1,159,681	1,166,522	1,194,097	1,212,464	1,231,920	76.5	78.9	78.8	79.6	80.5	80.7	80.8
Public institutions	912,401	936,840	957,744	957,709	978,041	995,110	1,018,253	711,490	745,703	758,616	765,686	790,227	807,687	825,885	78.0	79.6	79.2	79.9	80.8	81.2	81.1
Open admissions	62,724	45,458	41,111	34,897	34,706	31,477	26,888	38,839	28,675	24,978	21,128	21,547	16,689	61,989	61.9	63.1	60.8	60.5	62.1	62.3	62.1
90 percent or more accepted	68,835	63,453	50,200	47,775	55,188	60,160	71,117	49,274	46,280	35,197	33,969	40,116	43,559	51,533	71.6	72.9	70.1	71.1	72.7	72.4	72.5
75.0 to 89.9 percent accepted	244,177	212,573	230,328	226,673	261,763	281,422	312,658	185,457	163,639	176,676	174,316	203,517	221,245	247,045	76.0	77.0	76.7	76.9	77.7	78.6	79.0
50.0 to 74.9 percent accepted	417,093	462,554	451,184	469,245	461,551	456,622	440,275	336,199	376,021	363,305	381,576	381,607	376,587	361,506	80.6	81.3	80.5	81.3	82.7	82.5	82.1
25.0 to 49.9 percent accepted	103,118	131,241	169,908	164,067	147,849	145,622	150,981	88,908	112,209	145,215	141,671	127,595	128,568	133,668	86.2	85.5	85.5	86.3	86.3	88.3	88.5
Less than 25.0 percent accepted	7,716	14,326	9,468	8,843	15,315	14,947	15,563	7,048	13,649	9,013	8,357	14,651	14,336	14,959	91.3	95.3	95.2	94.5	95.7	95.9	96.1
Information not available	8,738	7,235	5,545	6,209	1,669	4,860	771	5,765	5,230	4,232	4,669	1,194	3,774	485	66.0	72.3	76.3	75.2	71.5	77.7	62.9
Nonprofit institutions	457,566	470,795	473,690	475,635	476,437	476,823	481,241	363,760	376,668	380,126	383,552	387,685	388,745	392,330	79.5	80.0	80.2	80.6	81.4	81.5	81.5
Open admissions	26,679	22,613	21,972	22,497	12,549	11,792	13,289	16,116	14,349	13,835	14,349	7,653	7,414	8,499	60.4	63.5	63.0	63.8	61.0	62.9	64.0
90 percent or more accepted	13,684	15,135	13,537	12,348	22,841	22,225	29,744	9,549	10,953	9,292	8,516	16,881	16,188	21,187	69.8	72.4	68.6	69.0	73.9	72.8	71.2
75.0 to 89.9 percent accepted	102,218	80,301	80,566	79,804	86,040	94,830	80,290	78,495	62,196	62,725	62,184	68,481	74,984	63,312	76.8	77.5	77.9	77.9	79.6	79.1	78.9
50.0 to 74.9 percent accepted	190,079	218,072	218,224	219,709	207,431	199,677	198,920	148,781	170,232	170,519	173,059	162,937	157,866	156,853	78.3	78.1	78.1	78.8	78.5	79.1	78.9
25.0 to 49.9 percent accepted	93,560	98,312	93,743	95,584	98,202	95,164	102,635	81,880	84,941	80,260	81,655	85,484	82,511	89,290	87.5	86.4	85.6	85.4	87.0	86.7	87.0
Less than 25.0 percent accepted	26,696	32,980	44,290	44,735	45,222	48,076	54,573	25,639	31,790	42,698	43,208	43,522	46,054	51,699	96.0	96.4	96.4	96.6	96.2	95.8	94.7
Information not available	4,650	3,382	1,358	958	4,152	5,059	1,790	3,300	2,207	797	581	2,727	3,728	1,490	71.0	65.3	58.7	60.6	65.7	73.7	83.2
For-profit institutions	88,764	44,940	40,755	32,785	29,048	29,649	24,594	40,279	24,163	20,939	17,284	16,185	16,032	13,705	45.4	53.8	51.4	52.7	55.7	54.1	55.7
Open admissions	45,273	16,826	20,710	16,799	19,206	21,732	16,511	18,735	9,260	10,769	8,325	10,053	10,827	8,270	41.4	55.0	52.0	49.6	52.3	49.8	50.1
90 percent or more accepted	6,285	3,722	5,380	3,337	717	591	770	3,454	1,311	2,511	1,650	509	308	472	55.0	35.2	46.7	49.4	71.0	52.1	61.3
75.0 to 89.9 percent accepted	3,703	3,224	2,857	1,880	2,920	5,265	3,253	2,081	1,549	1,352	1,224	1,865	3,459	2,159	56.2	48.0	47.3	65.1	63.9	65.7	66.4
50.0 to 74.9 percent accepted	12,845	12,061	4,849	6,268	3,690	1,489	3,000	6,536	6,839	2,691	3,613	2,472	994	1,973	50.9	56.7	55.5	57.6	67.0	66.8	65.8
25.0 to 49.9 percent accepted	18,142	6,098	6,687	2,908	419	463	1,020	8,036	3,423	3,451	1,554	293	353	802	44.3	56.1	51.6	53.4	69.9	76.2	78.6
Less than 25.0 percent accepted	0	3	0	0	0	0	8	0	2	0	0	0	8	8	†	66.7	†	†	†	†	100.0
Information not available	2,516	3,006	272	1,593	2,096	109	32	1,437	1,779	165	918	993	91	21	57.1	59.2	60.7	57.6	47.4	83.5	65.6
2-year institutions	712,983	918,645	799,719	756,567	738,559	709,824	656,587	426,646	558,708	471,715	454,379	448,470	434,831	409,043	59.8	60.8	59.0	60.1	60.7	61.3	62.3
Public institutions	611,643	795,982	709,084	679,809	668,861	644,765	601,515	361,154	476,985	412,240	403,096	402,973	392,687	372,724	59.0	59.9	58.1	59.3	60.2	60.9	62.0
Public institutions	8,573	7,960	10,698	7,738	7,180	13,011	10,657	5,324	4,696	6,437	4,555	4,395	7,914	7,104	62.1	59.0	60.2	58.9	61.2	60.8	66.7
Nonprofit institutions	92,767	114,703	79,937	69,020	62,518	52,048	44,415	60,168	77,027	53,038	46,728	41,102	34,230	29,215	64.9	67.2	66.3	67.7	65.7	65.8	65.8
<b>Part-time students</b>																					
<b>All institutions</b>	<b>463,234</b>	<b>545,635</b>	<b>532,017</b>	<b>515,589</b>	<b>490,124</b>	<b>470,772</b>	<b>429,109</b>	<b>191,586</b>	<b>229,566</b>	<b>224,401</b>	<b>222,328</b>	<b>213,235</b>	<b>205,366</b>	<b>192,527</b>	<b>41.4</b>	<b>42.1</b>	<b>42.2</b>	<b>43.1</b>	<b>43.5</b>	<b>43.6</b>	<b>44.9</b>
Public institutions	419,006	497,453	494,294	482,851	461,943	445,495	404,279	171,746	209,164	209,013	209,042	202,243	195,147	181,993	41.0	42.0	42.3	43.3	43.8	43.8	45.0
Nonprofit institutions	14,585	10,359	9,788	9,858	9,340	8,885	10,446	7,018	4,892	4,395	3,971	3,883	3,681	4,951	48.1	47.2	44.9	40.3	41.6	41.4	47.4
For-profit institutions	29,643	37,823	27,935	22,880	18,841	16,392	14,384	12,822	15,510	10,993	9,315	7,109	6,538	5,583	43.3	41.0	39.4	40.7	37.7	39.9	38.8
4-year institutions	82,367	72,046	57,810	53,711	49,304	46,606	48,716	38,257	32,344	25,142	23,665	22,269	21,818	23,845	46.4	43.9	43.5	44.1	45.2	46.8	48.9
Public institutions	48,353	33,327	28,281	27,479	26,473	25,833	28,096	23,631	16,944	14,044	13,790	13,862	13,917	15,374	48.9	50.8	49.7	50.2	52.4	53.9	54.7
Open admissions	20,223	8,356	5,971	5,515	5,250	4,605	4,412	8,298	3,586	2,249	1,978	2,098	1,791	1,873	41.0	42.9	37.7	35.9	40.0	38.9	42.5
90 percent or more accepted	3,745	4,004	2,294	2,223	2,098	1,951	1,909	1,959	1,008	1,005	1,063	1,063	880	1,382	51.0	48.9	43.9	45.2	50.7	45.1	47.2
75.0 to 89.9 percent accepted	8,969	6,493	6,003	5,226	7,424	6,663	8,669	4,196	3,268	3,109	2,595	3,964	3,591	4,942	46.8	50.3	51.8	49.7	53.4	53.9	57.0
50.0 to 74.9 percent accepted	11,599	11,254	10,785	10,671	9,422	10,343	9,868	6,766	6,053	5,798	5,840	5,065	6,107	5,684	58.3	53.8	53.8	54.7	56.0	59.0	57.6
25.0 to 49.9 percent accepted	3,373	3,046	2,947	2,854	2,553	2,040	2,112	2,223	1,982	1,739	1,774	1,617	1,395	1,433	65.9	65.1	59.0	62.2	63.3	68.4	67.9
Less than 25.0 percent accepted	65																				

**Table 326.30. Retention of first-time degree-seeking undergraduates at degree-granting postsecondary institutions, by attendance status, level and control of institution, and percentage of applications accepted: Selected years, 2006 to 2016—Continued**

Attendance status, level, control, and percent of applications accepted	First-time degree-seekers (adjusted entry cohort), <sup>1</sup> by entry year							Students from adjusted cohort returning in the following year							Percent of first-time undergraduates retained						
	2006	2009	2011	2012	2013	2014	2015	2007	2010	2012	2013	2014	2015	2016	2006 to 2007	2009 to 2010	2011 to 2012	2012 to 2013	2013 to 2014	2014 to 2015	2015 to 2016
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
Nonprofit institutions .....	12,828	9,599	8,833	9,118	8,501	8,093	9,686	6,045	4,491	3,881	3,603	3,448	3,322	4,612	47.1	46.8	43.9	39.5	40.6	41.0	47.6
Open admissions .....	5,446	3,821	4,226	4,433	2,434	1,450	1,540	2,579	1,693	1,634	1,400	848	486	673	47.4	44.3	38.7	31.6	34.8	33.5	43.7
90 percent or more accepted .....	523	393	843	915	1,159	494	3,777	237	199	358	377	468	204	1,888	45.3	50.6	42.5	41.2	40.4	41.3	50.0
75.0 to 89.9 percent accepted .....	2,459	1,164	1,278	1,174	1,332	1,903	874	1,047	550	683	520	622	811	422	42.6	47.3	53.4	44.3	46.7	42.6	48.3
50.0 to 74.9 percent accepted .....	3,131	3,256	1,869	1,786	1,515	2,231	1,812	1,406	1,531	844	847	701	928	839	44.9	47.0	45.2	47.4	46.3	41.6	46.3
25.0 to 49.9 percent accepted .....	853	715	466	582	606	815	857	452	366	240	276	305	394	374	53.0	51.2	51.5	47.4	50.3	48.3	43.6
Less than 25.0 percent accepted .....	112	93	116	126	115	136	640	86	78	104	106	101	123	302	76.8	83.9	89.7	84.1	87.8	90.4	47.2
Information not available .....	304	157	35	102	1,340	1,064	186	238	74	18	77	403	376	114	78.3	47.1	51.4	75.5	30.1	35.3	61.3
For-profit institutions .....	21,186	29,120	20,696	17,114	14,330	12,680	10,934	8,581	10,909	7,217	6,272	4,959	4,579	3,859	40.5	37.5	34.9	36.6	34.6	36.1	35.3
Open admissions .....	10,515	10,926	10,634	9,561	10,395	10,089	8,822	4,105	4,299	4,253	3,909	3,751	3,863	3,183	39.0	39.3	40.0	40.9	36.1	38.3	36.1
90 percent or more accepted .....	2,212	1,372	2,234	360	126	123	246	639	375	637	137	59	30	85	28.9	27.3	28.5	38.1	46.8	24.4	34.6
75.0 to 89.9 percent accepted .....	2,838	3,151	4,145	854	1,232	1,794	1,027	1,342	1,093	1,106	250	353	492	259	47.3	34.7	26.7	29.3	28.7	27.4	25.2
50.0 to 74.9 percent accepted .....	2,774	4,591	524	1,820	2,471	586	753	1,134	2,249	220	596	756	158	282	40.9	49.0	42.0	32.7	30.6	27.0	37.5
25.0 to 49.9 percent accepted .....	2,033	1,099	2,932	2,537	73	9	81	627	342	936	727	25	2	45	30.8	31.1	31.9	28.7	34.2	22.2	55.6
Less than 25.0 percent accepted .....	0	0	0	0	0	0	0	0	0	0	0	0	0	0	†	†	†	†	†	†	†
Information not available .....	814	7,981	227	1,982	33	79	5	734	2,551	65	653	15	34	5	90.2	32.0	28.6	32.9	45.5	43.0	100.0
2-year institutions.....	380,867	473,589	474,207	461,878	440,820	424,166	380,393	153,329	197,222	199,259	198,663	190,966	183,548	168,682	40.3	41.6	42.0	43.0	43.3	43.3	44.3
Public institutions .....	370,653	464,126	466,013	455,372	435,470	419,662	376,183	148,115	192,220	194,969	195,252	188,381	181,230	166,619	40.0	41.4	41.8	42.9	43.3	43.2	44.3
Public institutions .....	1,757	760	955	740	839	792	760	973	401	514	368	435	359	339	55.4	52.8	53.8	49.7	51.8	45.3	44.6
Nonprofit institutions .....	8,457	8,703	7,239	5,766	4,511	3,712	3,450	4,241	4,601	3,776	3,043	2,150	1,959	1,724	50.1	52.9	52.2	52.8	47.7	52.8	50.0

†Not applicable.

<sup>1</sup>Adjusted student counts exclude students who died or were totally and permanently disabled, served in the armed forces (including those called to active duty), served with a foreign aid service of the federal government (e.g., Peace Corps), or served on official church missions. For 4-year institutions, the adjusted cohort is based on first-time bachelor's degree-seeking students.

NOTE: Returning students data for 2-year institutions include returning students, plus students who completed their program. Some data have been revised from previously published figures.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), Spring 2008 through Spring 2017, Fall Enrollment component; and IPEDS Fall 2006 through Fall 2015, Institutional Characteristics component. (This table was prepared December 2017.)

**Table 326.40. Percentage distribution of first-time postsecondary students starting at 2- and 4-year institutions during the 2003–04 academic year, by highest degree attained, enrollment status, and selected characteristics: Spring 2009**

[Standard errors appear in parentheses]

Selected characteristic	Students starting at 2-year institutions						Students starting at 4-year institutions					
	Highest degree attained				No degree, still enrolled	No degree, not enrolled	Highest degree attained				No degree, still enrolled	No degree, not enrolled
	Total, any degree <sup>1</sup>	Certificate	Associate's	Bachelor's <sup>2</sup>			Total, any degree <sup>1</sup>	Certificate	Associate's	Bachelor's <sup>2</sup>		
1	2	3	4	5	6	7	8	9	10	11	12	13
<b>Total</b> .....	<b>35.1 (0.86)</b>	<b>9.5 (0.68)</b>	<b>15.0 (0.63)</b>	<b>10.6 (0.63)</b>	<b>18.5 (0.98)</b>	<b>46.4 (1.01)</b>	<b>64.2 (1.18)</b>	<b>1.7 (0.24)</b>	<b>4.6 (0.49)</b>	<b>58.0 (1.34)</b>	<b>12.2 (0.60)</b>	<b>23.6 (0.97)</b>
<b>Sex</b>												
Male.....	33.3 (1.54)	9.4 (1.19)	13.7 (1.00)	10.3 (0.79)	19.1 (1.64)	47.6 (1.54)	61.4 (1.40)	1.2 (0.29)	5.1 (0.72)	55.1 (1.54)	13.9 (0.86)	24.8 (1.18)
Female.....	36.5 (1.18)	9.6 (0.90)	16.0 (0.92)	10.9 (0.83)	18.1 (0.93)	45.4 (1.37)	66.5 (1.45)	2.1 (0.34)	4.2 (0.51)	60.2 (1.58)	10.9 (0.71)	22.6 (1.24)
<b>Age when first enrolled</b>												
18 years old or younger.....	39.4 (1.63)	6.1 (0.78)	15.5 (1.24)	17.9 (1.36)	20.6 (1.70)	40.0 (1.58)	69.1 (1.27)	1.6 (0.29)	3.7 (0.45)	63.8 (1.41)	11.2 (0.76)	19.8 (1.07)
19 years old.....	37.7 (2.04)	8.9 (2.01)	16.2 (1.46)	12.6 (1.21)	17.7 (1.57)	44.6 (1.75)	65.1 (1.43)	1.0 (0.24)	4.2 (0.63)	59.9 (1.51)	12.3 (0.92)	22.6 (1.16)
20 to 23 years old.....	29.1 (1.94)	10.3 (1.38)	14.6 (1.68)	4.1 (0.69)	21.9 (1.92)	49.0 (2.10)	41.9 (3.78)	4.1 ! (1.62)	8.4 (1.74)	29.4 (3.71)	17.8 (2.91)	40.3 (3.49)
24 to 29 years old.....	28.8 (4.04)	15.6 (3.98)	10.8 (1.98)	2.5 (0.74)	17.2 (2.62)	53.9 (4.05)	32.7 (5.77)	‡ (†)	9.4 ! (4.28)	20.4 (5.06)	18.8 (4.87)	48.6 (5.81)
30 years old or over.....	31.7 (2.43)	14.4 (2.08)	15.0 (1.89)	‡ (†)	10.4 (1.97)	57.9 (2.65)	33.7 (7.09)	3.9 ! (1.84)	13.4 ! (5.05)	16.4 ! (6.14)	14.8 (3.97)	51.4 (7.32)
<b>Race/ethnicity</b>												
White.....	38.9 (1.16)	9.8 (1.00)	16.6 (0.82)	12.5 (0.85)	16.2 (1.21)	44.9 (1.31)	68.9 (1.04)	1.5 (0.31)	4.8 (0.54)	62.6 (1.31)	9.8 (0.58)	21.4 (0.94)
Black.....	28.1 (2.60)	11.3 (1.66)	11.4 (2.12)	5.3 (1.10)	22.0 (2.04)	50.0 (2.79)	46.9 (3.16)	2.2 ! (0.91)	4.2 ! (1.48)	40.5 (3.03)	19.6 (2.21)	33.6 (3.08)
Hispanic.....	28.3 (2.18)	8.2 (1.67)	12.7 (1.51)	7.4 (1.10)	18.8 (2.03)	52.9 (2.58)	48.8 (3.24)	2.2 ! (0.83)	5.1 (1.39)	41.5 (2.96)	18.6 (2.36)	32.5 (3.34)
Asian/Pacific Islander.....	38.3 (4.50)	6.5 ! (2.29)	14.6 (2.91)	17.2 (3.50)	29.0 (4.58)	32.7 (3.51)	72.8 (3.21)	1.4 ! (0.67)	2.1 ! (0.94)	69.3 (3.22)	11.9 (2.23)	15.2 (2.59)
American Indian/Alaska Native.....	32.1 (9.62)	‡ (†)	‡ (†)	‡ (†)	28.4 ! (10.89)	39.6 (10.68)	51.5 (9.53)	‡ (†)	‡ (†)	39.3 (9.11)	19.3 ! (8.63)	29.3 ! (10.85)
Two or more races.....	33.9 (5.51)	9.0 ! (3.65)	14.6 ! (4.39)	10.3 (2.87)	21.4 (4.98)	44.7 (5.50)	57.1 (5.42)	‡ (†)	4.0 ! (1.83)	50.4 (5.57)	19.2 (4.71)	23.6 (4.32)
<b>Highest education level of parents</b>												
High school diploma or less.....	32.0 (1.42)	11.0 (1.30)	14.3 (1.05)	6.7 (0.72)	17.1 (1.18)	50.9 (1.51)	49.9 (2.12)	2.9 (0.83)	6.6 (0.97)	40.4 (2.01)	15.4 (1.33)	34.7 (1.98)
Some college/vocational.....	38.3 (2.24)	9.6 (1.48)	17.6 (1.17)	11.1 (1.07)	18.0 (1.70)	43.8 (2.06)	59.1 (1.90)	2.3 ! (0.76)	7.0 (1.08)	49.8 (2.11)	13.4 (1.24)	27.5 (1.84)
Bachelor's degree.....	39.4 (1.91)	8.2 (1.60)	14.1 (1.87)	17.2 (1.74)	20.6 (2.09)	40.0 (2.53)	70.1 (1.60)	1.2 (0.28)	3.4 (0.58)	65.6 (1.62)	11.0 (0.87)	18.9 (1.41)
Advanced (higher than bachelor's) degree.....	37.2 (3.03)	6.2 (1.70)	13.7 (1.81)	17.2 (2.09)	22.4 (2.56)	40.4 (3.74)	75.8 (1.44)	0.6 ! (0.24)	2.1 (0.39)	73.1 (1.51)	9.2 (0.78)	15.0 (1.35)
<b>Dependency status when first enrolled</b>												
Dependent.....	39.4 (1.26)	7.5 (0.76)	16.7 (0.85)	15.2 (0.88)	19.6 (1.19)	41.0 (1.15)	68.3 (1.06)	1.4 (0.22)	4.2 (0.45)	62.7 (1.22)	11.6 (0.63)	20.1 (0.90)
Independent.....	28.3 (1.44)	12.8 (1.26)	12.3 (1.13)	3.3 (0.60)	16.8 (1.42)	54.9 (1.75)	31.4 (3.08)	3.7 (1.10)	7.5 (1.92)	20.2 (2.84)	17.3 (2.61)	51.3 (3.25)
<b>Dependent student family income in 2002</b>												
Less than \$25,000.....	34.6 (2.35)	8.4 (1.48)	14.5 (1.54)	11.7 (1.73)	18.0 (1.91)	47.4 (2.43)	52.7 (2.28)	2.8 ! (1.09)	5.0 (1.00)	44.9 (2.40)	15.9 (1.63)	31.4 (2.38)
\$25,000 to \$44,999.....	36.0 (2.12)	7.3 (1.36)	16.4 (1.75)	12.3 (1.60)	19.0 (2.24)	45.0 (2.67)	62.7 (2.31)	1.9 (0.53)	5.4 (1.03)	55.3 (2.50)	13.1 (1.69)	24.2 (1.97)
\$45,000 to \$69,999.....	41.3 (2.13)	7.1 (1.29)	17.6 (1.59)	16.6 (1.58)	22.0 (1.92)	36.7 (1.86)	67.1 (1.94)	1.5 (0.34)	5.1 (0.77)	60.6 (2.00)	12.8 (1.27)	20.1 (1.86)
\$70,000 to \$99,999.....	43.1 (3.50)	7.6 ! (3.67)	16.3 (2.58)	19.1 (2.14)	18.4 (2.75)	38.5 (2.76)	71.9 (1.64)	0.9 ! (0.30)	4.4 (0.88)	66.7 (1.85)	9.4 (0.83)	18.7 (1.37)
\$100,000 or more.....	45.0 (3.56)	6.6 (1.77)	19.6 (3.74)	18.8 (2.40)	20.5 (3.25)	34.4 (3.61)	80.0 (1.30)	0.7 ! (0.29)	1.9 (0.37)	77.5 (1.38)	8.5 (0.94)	11.4 (0.99)
<b>Timing of postsecondary enrollment</b>												
Delayed entry.....	29.1 (1.25)	11.0 (1.11)	13.2 (1.02)	4.9 (0.63)	17.2 (1.26)	53.7 (1.44)	36.6 (2.80)	3.8 (1.01)	7.9 (1.54)	24.9 (2.53)	17.8 (2.06)	45.6 (2.75)
Did not delay entry <sup>3</sup> .....	41.0 (1.36)	7.8 (0.86)	17.0 (0.99)	16.2 (1.00)	20.1 (1.44)	38.8 (1.16)	69.2 (1.05)	1.3 (0.21)	4.0 (0.40)	64.0 (1.17)	11.1 (0.61)	19.6 (0.91)
<b>Intensity of enrollment through 2009</b>												
Always full-time.....	44.9 (1.66)	11.4 (1.50)	18.0 (1.42)	15.5 (1.11)	10.1 (0.87)	44.9 (1.65)	73.7 (1.15)	1.2 (0.26)	3.8 (0.55)	68.7 (1.41)	6.7 (0.46)	19.6 (1.03)
Always part-time.....	13.9 (2.80)	8.4 ! (2.79)	5.5 (1.12)	‡ (†)	13.3 (1.79)	72.8 (2.68)	12.5 ! (4.93)	‡ (†)	‡ (†)	‡ (†)	13.8 ! (4.23)	73.6 (6.59)
Mixed.....	36.6 (1.32)	8.7 (0.83)	16.6 (1.10)	11.4 (0.99)	26.1 (1.34)	37.2 (1.69)	48.3 (1.59)	2.7 (0.47)	6.1 (0.72)	39.5 (1.60)	23.3 (1.39)	28.4 (1.42)
<b>Remedial course taken in 2003–04</b>												
No.....	35.4 (0.95)	10.0 (0.84)	14.5 (0.81)	10.9 (0.78)	17.6 (0.99)	47.0 (1.21)	65.2 (1.23)	1.8 (0.28)	4.4 (0.53)	59.0 (1.43)	11.5 (0.62)	23.4 (1.05)
Yes.....	34.3 (2.10)	8.3 (1.62)	16.2 (1.37)	9.8 (0.98)	21.0 (1.70)	44.7 (1.92)	59.6 (1.98)	1.2 (0.32)	5.4 (0.92)	53.0 (2.13)	15.7 (1.44)	24.6 (1.81)

See notes at end of table.

**Table 326.40. Percentage distribution of first-time postsecondary students starting at 2- and 4-year institutions during the 2003–04 academic year, by highest degree attained, enrollment status, and selected characteristics: Spring 2009—Continued**

[Standard errors appear in parentheses]

Selected characteristic	Students starting at 2-year institutions						Students starting at 4-year institutions					
	Highest degree attained				No degree, still enrolled	No degree, not enrolled	Highest degree attained				No degree, still enrolled	No degree, not enrolled
	Total, any degree <sup>1</sup>	Certificate	Associate's	Bachelor's <sup>2</sup>			Total, any degree <sup>1</sup>	Certificate	Associate's	Bachelor's <sup>2</sup>		
1	2	3	4	5	6	7	8	9	10	11	12	13
<b>Highest degree expected in 2003–04</b>												
No degree or certificate .....	‡ (†)	‡ (†)	‡ (†)	# (†)	‡ (†)	87.3 (4.75)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)
Certificate .....	44.8 (5.47)	42.8 (5.28)	‡ (†)	‡ (†)	6.9 (2.02)	48.3 (5.60)	41.2 ! (18.43)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)
Associate's degree .....	34.6 (2.38)	13.9 (2.05)	19.3 (1.86)	1.4 ! (0.49)	12.3 (1.69)	53.1 (2.80)	43.7 (8.43)	16.2 ! (5.50)	21.3 ! (7.06)	6.1 ! (2.93)	12.8 ! (5.09)	43.5 (7.70)
Bachelor's degree <sup>4</sup> .....	32.7 (1.81)	8.0 (1.49)	15.4 (1.02)	9.3 (1.03)	18.1 (1.50)	49.3 (1.60)	55.2 (2.02)	2.2 (0.52)	6.8 (1.02)	46.2 (2.07)	15.1 (1.37)	29.7 (1.59)
Master's degree <sup>4</sup> .....	38.2 (1.72)	7.0 (1.32)	14.8 (1.21)	16.4 (1.19)	22.7 (1.63)	39.1 (1.66)	66.7 (1.42)	1.0 (0.25)	4.1 (0.62)	61.7 (1.42)	11.2 (0.77)	22.1 (1.32)
Doctoral/first-professional degree <sup>4</sup> .....	34.7 (2.30)	4.8 (0.93)	13.8 (2.02)	16.0 (1.65)	22.4 (2.54)	42.9 (3.25)	70.6 (1.57)	1.3 (0.36)	1.9 (0.36)	67.4 (1.69)	11.0 (0.95)	18.3 (1.35)
<b>Work intensity (including work-study) in 2003–04</b>												
Did not work .....	34.7 (1.79)	11.2 (1.57)	15.8 (1.20)	7.7 (0.85)	19.9 (1.80)	45.3 (2.16)	69.9 (1.35)	0.8 (0.18)	3.4 (0.55)	65.8 (1.47)	10.9 (0.92)	19.1 (1.08)
Worked part time .....	39.9 (2.08)	7.9 (1.20)	17.4 (1.00)	14.6 (1.04)	17.2 (1.28)	42.8 (1.70)	66.2 (1.42)	1.7 (0.31)	5.2 (0.69)	59.3 (1.44)	12.1 (0.85)	21.7 (1.21)
Worked full time .....	28.6 (1.96)	10.6 (1.63)	10.9 (1.08)	7.2 (0.94)	19.3 (1.53)	52.1 (2.10)	40.1 (2.93)	4.1 (1.22)	5.9 (1.20)	30.1 (2.60)	16.5 (1.77)	43.4 (2.86)
<b>Control of first institution</b>												
Public .....	34.4 (0.95)	8.5 (0.68)	14.4 (0.61)	11.6 (0.68)	19.6 (1.03)	46.0 (1.00)	64.8 (1.22)	1.6 (0.23)	3.8 (0.45)	59.5 (1.32)	12.9 (0.73)	22.2 (0.98)
Private, nonprofit .....	46.2 (8.52)	13.3 ! (6.56)	21.5 ! (6.76)	11.3 ! (4.99)	10.4 ! (3.32)	43.4 (8.28)	69.9 (1.45)	1.5 (0.37)	3.8 (0.95)	64.6 (1.89)	11.1 (1.02)	19.0 (1.18)
Private, for profit .....	39.5 (3.70)	19.6 (4.78)	19.5 (3.51)	‡ (†)	9.6 (2.61)	50.9 (4.64)	33.9 (4.37)	‡ (†)	14.6 (3.45)	15.7 (3.78)	11.3 (2.44)	54.8 (3.82)
<b>Income quartile in 2003–04<sup>5</sup></b>												
Lowest quartile .....	30.6 (1.45)	9.4 (1.27)	13.0 (1.14)	8.3 (0.84)	18.4 (1.46)	51.0 (1.78)	49.5 (1.91)	2.7 (0.73)	4.6 (0.74)	42.2 (2.15)	16.2 (1.37)	34.3 (1.75)
Second quartile .....	37.1 (1.58)	10.5 (1.56)	15.8 (1.26)	10.8 (0.97)	19.7 (1.58)	43.2 (1.86)	60.5 (2.04)	2.4 (0.51)	6.5 (1.10)	51.6 (2.20)	13.5 (1.16)	26.0 (1.82)
Third quartile .....	36.3 (2.51)	9.6 (1.71)	15.0 (1.35)	11.6 (1.53)	18.7 (1.64)	45.0 (2.18)	67.2 (1.58)	1.3 (0.31)	4.9 (0.80)	61.0 (1.85)	11.2 (0.88)	21.6 (1.55)
Highest quartile .....	38.6 (2.51)	8.1 (1.49)	17.3 (1.96)	13.2 (1.65)	16.5 (2.30)	45.0 (3.20)	76.8 (1.37)	0.6 ! (0.25)	2.4 (0.46)	73.8 (1.42)	8.7 (0.80)	14.4 (1.18)

†Not applicable.

#Rounds to zero.

!Interpret data with caution. The coefficient of variation (CV) for this estimate is between 30 and 50 percent.

‡Reporting standards not met. Either there are too few cases for a reliable estimate or the coefficient of variation (CV) is 50 percent or greater.

<sup>1</sup>Includes a small percentage of students who had attained a degree and were still enrolled. Includes recipients of degrees not shown separately.

<sup>2</sup>Includes a small percentage of students who had attained an advanced degree.

<sup>3</sup>Includes students with a standard high school diploma who enrolled in postsecondary education in the same year as their graduation.

<sup>4</sup>Students starting at 2-year institutions include students whose goal was to transfer to a 4-year institution.

<sup>5</sup>Indicates the income quartile of the student, based on the student's total income in 2002 for independent students or the parents' total income in 2002 for dependent students. Income quartiles were determined separately for dependent and independent students based on percentile rankings and then combined into one variable.

NOTE: Race categories exclude persons of Hispanic ethnicity. Detail may not sum to totals because of rounding.

SOURCE: U.S. Department of Education, National Center for Education Statistics, 2004/09 Beginning Postsecondary Students Longitudinal Study (BPS:04/09). (This table was prepared November 2011.)

**Table 326.50. Number and percentage distribution of first-time postsecondary students starting at 2- and 4-year institutions during the 2011–12 academic year, by attainment and enrollment status and selected characteristics: Spring 2014**

[Standard errors appear in parentheses]

Selected characteristic	Total				Students starting at 2-year institutions				Students starting at 4-year institutions			
	Number (in thousands)	Percentage distribution	Percent who attained any degree or were still enrolled	Percent with no degree and not enrolled	Number (in thousands)	Percentage distribution	Percent who attained any degree or were still enrolled	Percent with no degree and not enrolled	Number (in thousands)	Percentage distribution	Percent who attained any degree or were still enrolled	Percent with no degree and not enrolled
1	2	3	4	5	6	7	8	9	10	11	12	13
<b>Total</b> .....	<b>4,073 (254.9)</b>	<b>100.0 (†)</b>	<b>69.8 (0.99)</b>	<b>30.2 (0.99)</b>	<b>1,832 (170.4)</b>	<b>100.0 (†)</b>	<b>56.9 (1.52)</b>	<b>43.1 (1.52)</b>	<b>2,241 (87.5)</b>	<b>100.0 (†)</b>	<b>80.2 (0.56)</b>	<b>19.8 (0.56)</b>
<b>Sex</b>												
Male .....	1,839 (127.8)	45.2 (0.61)	66.3 (1.54)	33.7 (1.54)	859 (82.8)	46.9 (0.96)	53.6 (2.04)	46.4 (2.04)	980 (50.3)	43.7 (0.84)	77.5 (1.09)	22.5 (1.09)
Female .....	2,234 (131.7)	54.8 (0.61)	72.6 (0.82)	27.4 (0.82)	972 (91.9)	53.1 (0.96)	59.9 (1.59)	40.1 (1.59)	1,261 (43.9)	56.3 (0.84)	82.4 (0.93)	17.6 (0.93)
<b>Age when first enrolled</b>												
19 years old or younger .....	3,103 (169.8)	76.2 (0.85)	75.9 (0.61)	24.1 (0.61)	1,201 (88.8)	65.6 (1.69)	61.5 (1.37)	38.5 (1.37)	1,902 (84.0)	84.9 (0.60)	85.0 (0.63)	15.0 (0.63)
20 to 23 years old .....	406 (37.7)	10.0 (0.44)	50.2 (3.38)	49.8 (3.38)	262 (34.0)	14.3 (0.76)	48.6 (2.99)	51.4 (2.99)	144 (9.4)	6.4 (0.39)	53.1 (5.48)	46.9 (5.48)
24 to 29 years old .....	252 (33.6)	6.2 (0.47)	47.6 (2.53)	52.4 (2.53)	173 (30.5)	9.4 (0.84)	47.6 (3.09)	52.4 (3.09)	79 (7.0)	3.5 (0.28)	47.5 (4.32)	52.5 (4.32)
30 years old or over .....	312 (27.2)	7.7 (0.35)	51.7 (3.08)	48.3 (3.08)	196 (28.1)	10.7 (0.71)	48.3 (3.23)	51.7 (3.23)	116 (7.7)	5.2 (0.43)	57.4 (4.36)	42.6 (4.36)
<b>Race/ethnicity</b>												
White .....	2,306 (159.0)	56.6 (0.74)	72.2 (0.95)	27.8 (0.95)	949 (99.4)	51.8 (1.16)	57.7 (1.65)	42.3 (1.65)	1,357 (64.2)	60.5 (0.89)	82.4 (0.75)	17.6 (0.75)
Black .....	564 (28.7)	13.9 (0.61)	59.6 (1.96)	40.4 (1.96)	258 (24.2)	14.1 (0.76)	48.0 (2.84)	52.0 (2.84)	307 (15.4)	13.7 (0.83)	69.4 (1.74)	30.6 (1.74)
Hispanic .....	765 (51.2)	18.8 (0.53)	67.3 (1.74)	32.7 (1.74)	453 (43.0)	24.7 (0.88)	59.4 (2.16)	40.6 (2.16)	312 (14.5)	13.9 (0.57)	78.6 (1.71)	21.4 (1.71)
Asian .....	234 (23.1)	5.7 (0.29)	80.9 (2.94)	19.1 (2.94)	81 (12.9)	4.4 (0.41)	64.6 (5.97)	35.4 (5.97)	153 (13.6)	6.8 (0.44)	89.6 (2.14)	10.4 (2.14)
Pacific Islander .....	16 (2.5)	0.4 (0.06)	72.4 (6.51)	27.6 (6.51)	7 (1.8)	0.4 (0.09)	64.2 (12.71)	35.8 (12.71)	9 (1.7)	0.4 (0.07)	79.4 (7.95)	20.6 (7.95)
American Indian/Alaska Native .....	38 (7.2)	0.9 (0.14)	54.9 (6.97)	45.1 (6.97)	20 (4.6)	1.1 (0.23)	47.1 (9.84)	52.9 (9.84)	18 (4.9)	0.8 (0.19)	63.8 (8.70)	36.2 (8.70)
Two or more races .....	149 (12.2)	3.7 (0.20)	68.6 (2.62)	31.4 (2.62)	64 (6.8)	3.5 (0.32)	57.0 (4.65)	43.0 (4.65)	86 (7.8)	3.8 (0.26)	77.2 (3.03)	22.8 (3.03)
<b>Highest education level of parents</b>												
Do not know .....	155 (18.0)	3.8 (0.26)	55.7 (3.45)	44.3 (3.45)	99 (14.8)	5.4 (0.45)	52.4 (4.73)	47.6 (4.73)	56 (5.7)	2.5 (0.22)	61.5 (7.12)	38.5 (7.12)
High school diploma or less .....	1,222 (85.4)	30.0 (0.56)	59.0 (2.01)	41.0 (2.01)	714 (74.7)	39.0 (0.92)	52.5 (2.10)	47.5 (2.10)	508 (18.3)	22.7 (0.73)	68.1 (2.08)	31.9 (2.08)
Some college/vocational .....	1,082 (71.5)	26.6 (0.51)	67.9 (1.59)	32.1 (1.59)	558 (47.4)	30.5 (0.87)	59.2 (2.29)	40.8 (2.29)	524 (27.7)	23.4 (0.66)	77.1 (1.37)	22.9 (1.37)
Bachelor's or higher degree .....	1,614 (93.8)	39.6 (0.66)	80.6 (0.80)	19.4 (0.80)	461 (44.2)	25.2 (0.83)	62.1 (2.07)	37.9 (2.07)	1,153 (53.2)	51.4 (0.74)	87.9 (0.82)	12.1 (0.82)
<b>Dependency status when first enrolled</b>												
Dependent .....	3,160 (185.4)	77.6 (0.69)	75.1 (0.67)	24.9 (0.67)	1,248 (97.2)	68.2 (1.46)	61.2 (1.42)	38.8 (1.42)	1,911 (91.7)	85.3 (0.90)	84.2 (0.66)	15.8 (0.66)
Independent with no dependents .....	416 (41.4)	10.2 (0.49)	54.0 (3.29)	46.0 (3.29)	265 (43.4)	14.5 (1.09)	49.0 (2.96)	51.0 (2.96)	151 (9.4)	6.7 (0.54)	63.0 (4.53)	37.0 (4.53)
Independent, married, and with dependents .....	178 (22.8)	4.4 (0.34)	51.5 (3.59)	48.5 (3.59)	121 (20.4)	6.6 (0.60)	48.0 (3.88)	52.0 (3.88)	57 (5.3)	2.5 (0.21)	58.9 (5.76)	41.1 (5.76)
Independent, not married, and with dependents .....	319 (21.0)	7.8 (0.36)	47.6 (2.55)	52.4 (2.55)	197 (21.1)	10.8 (0.63)	46.3 (3.07)	53.7 (3.07)	122 (8.0)	5.5 (0.44)	49.8 (3.62)	50.2 (3.62)
<b>Income quarter in 2012<sup>1</sup></b>												
Lowest quarter .....	990 (55.4)	24.3 (0.57)	61.8 (1.33)	38.2 (1.33)	527 (43.4)	28.8 (1.04)	54.8 (2.05)	45.2 (2.05)	463 (18.4)	20.7 (0.64)	69.7 (1.60)	30.3 (1.60)
Second quarter .....	1,006 (77.6)	24.7 (0.52)	67.1 (1.41)	32.9 (1.41)	513 (45.7)	28.0 (0.74)	58.2 (2.26)	41.8 (2.26)	493 (35.0)	22.0 (0.80)	76.4 (1.31)	23.6 (1.31)
Third quarter .....	1,031 (65.4)	25.3 (0.51)	71.0 (1.06)	29.0 (1.06)	466 (52.6)	25.5 (0.92)	58.0 (1.87)	42.0 (1.87)	565 (17.8)	25.2 (0.67)	81.7 (1.31)	18.3 (1.31)
Highest quarter .....	1,046 (70.4)	25.7 (0.50)	78.7 (1.90)	21.3 (1.90)	325 (41.0)	17.8 (0.85)	57.0 (3.21)	43.0 (3.21)	720 (33.3)	32.1 (0.63)	88.5 (1.02)	11.5 (1.02)
<b>Disability in 2012<sup>2</sup></b>												
With a disability .....	472 (31.9)	11.6 (0.38)	55.1 (2.93)	44.9 (2.93)	233 (28.8)	12.7 (0.69)	42.0 (3.85)	58.0 (3.85)	240 (10.5)	10.7 (0.54)	67.9 (2.36)	32.1 (2.36)
Without a disability .....	3,600 (228.2)	88.4 (0.38)	71.7 (0.86)	28.3 (0.86)	1,599 (145.5)	87.3 (0.69)	59.1 (1.38)	40.9 (1.38)	2,001 (85.9)	89.3 (0.54)	81.7 (0.61)	18.3 (0.61)
<b>High school completion type</b>												
High school diploma .....	3,664 (228.5)	90.0 (0.38)	71.7 (0.96)	28.3 (0.96)	1,571 (136.4)	85.8 (0.85)	58.3 (1.53)	41.7 (1.53)	2,093 (95.2)	93.4 (0.68)	81.8 (0.57)	18.2 (0.57)
GED or equivalent .....	274 (18.6)	6.7 (0.32)	46.7 (2.40)	53.3 (2.40)	177 (22.5)	9.7 (0.56)	46.3 (2.81)	53.7 (2.81)	97 (9.5)	4.3 (0.53)	47.5 (3.71)	52.5 (3.71)
Other type or no completion <sup>3</sup> .....	134 (17.0)	3.3 (0.26)	63.4 (4.23)	36.6 (4.23)	83 (17.2)	4.5 (0.56)	54.5 (5.16)	45.5 (5.16)	51 (4.9)	2.3 (0.25)	78.0 (5.07)	22.0 (5.07)
<b>Highest level of high school mathematics<sup>4</sup></b>												
Less than algebra II .....	575 (58.7)	15.3 (0.68)	54.9 (2.22)	45.1 (2.22)	395 (53.1)	24.2 (1.25)	49.6 (2.79)	50.4 (2.79)	180 (10.7)	8.5 (0.41)	66.6 (2.37)	33.4 (2.37)
Algebra II/trigonometry .....	1,408 (87.4)	37.4 (0.55)	67.1 (1.49)	32.9 (1.49)	726 (65.1)	44.4 (1.03)	57.5 (1.74)	42.5 (1.74)	682 (26.7)	32.1 (0.65)	77.3 (1.46)	22.7 (1.46)
Precalculus/calculus or higher .....	1,778 (95.2)	47.3 (0.72)	79.8 (0.72)	20.2 (0.72)	515 (36.8)	31.5 (1.19)	65.1 (1.64)	34.9 (1.64)	1,263 (62.7)	59.4 (0.76)	85.9 (0.82)	14.1 (0.82)
<b>Earned any college-level credits in high school<sup>4</sup></b>												
No .....	1,535 (105.7)	40.8 (0.64)	61.3 (1.13)	38.7 (1.13)	926 (95.4)	56.6 (1.15)	55.4 (1.40)	44.6 (1.40)	609 (18.4)	28.7 (1.01)	70.5 (1.31)	29.5 (1.31)
Yes .....	2,226 (132.1)	59.2 (0.64)	78.1 (0.91)	21.9 (0.91)	710 (54.7)	43.4 (1.15)	61.4 (2.11)	38.6 (2.11)	1,516 (81.5)	71.3 (1.01)	85.9 (0.66)	14.1 (0.66)
<b>High school GPA<sup>4,5</sup></b>												
0.5 to 1.9 .....	201 (16.8)	5.3 (0.26)	51.6 (2.85)	48.4 (2.85)	143 (13.4)	8.8 (0.56)	51.1 (3.61)	48.9 (3.61)	58 (6.2)	2.7 (0.24)	53.1 (4.59)	46.9 (4.59)
2.0 to 2.4 .....	670 (54.2)	17.8 (0.52)	60.4 (1.54)	39.6 (1.54)	427 (42.6)	26.1 (0.88)	56.2 (2.04)	43.8 (2.04)	243 (15.7)	11.4 (0.45)	67.8 (2.36)	32.2 (2.36)
2.5 to 2.9 .....	536 (40.5)	14.3 (0.40)	66.9 (1.83)	33.1 (1.83)	260 (27.8)	15.9 (0.60)	58.0 (2.41)	42.0 (2.41)	276 (16.9)	13.0 (0.50)	75.4 (2.13)	24.6 (2.13)
3.0 to 3.4 .....	1,434 (80.1)	38.1 (0.59)	74.1 (1.20)	25.9 (1.20)	562 (56.6)	34.4 (0.88)	59.6 (2.46)	40.4 (2.46)	871 (27.4)	41.0 (0.86)	83.5 (1.00)	16.5 (1.00)
3.5 to 4.0 .....	920 (57.1)	24.5 (0.49)	81.5 (0.96)	18.5 (0.96)	243 (21.3)	14.9 (0.81)	61.4 (2.58)	38.6 (2.58)	677 (40.3)	31.9 (0.76)	88.7 (0.75)	11.3 (0.75)

See notes at end of table.



**Table 329.10. On-campus crimes, arrests, and referrals for disciplinary action at degree-granting postsecondary institutions, by location of incident, control and level of institution, and type of incident: Selected years, 2001 through 2015**

Control and level of institution and type of incident	Number of incidents															
	Total, in residence halls and at other locations														2015	
	2001	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	Total	In residence halls	At other locations
<b>All institutions</b>																
Selected crimes against persons and property.	41,596	43,064	43,555	42,710	44,492	41,829	40,296	34,054	32,097	30,407	29,766	27,236	26,889	27,481	13,771	13,710
Murder <sup>1</sup>	17	9	15	11	8	44	12	16	15	16	12	23	11	28	2	24
Negligent manslaughter <sup>2</sup>	2	1	0	2	0	3	3	0	0	1	0	0	2	2	2	0
Sex offenses—forcible <sup>3</sup>	2,201	2,595	2,667	2,674	2,670	2,694	2,639	2,544	2,927	3,375	4,015	4,977	6,764	7,970	5,787	2,183
Rape	—	—	—	—	—	—	—	—	—	—	—	—	4,435	5,097	4,216	881
Fondling	—	—	—	—	—	—	—	—	—	—	—	—	2,329	2,673	1,571	1,302
Sex offenses—nonforcible <sup>4</sup>	461	60	27	42	43	40	35	65	33	46	46	45	53	61	25	36
Robbery <sup>5</sup>	1,663	1,625	1,550	1,551	1,547	1,561	1,576	1,409	1,392	1,285	1,368	1,317	1,050	1,049	184	865
Aggravated assault <sup>6</sup>	2,947	2,832	2,721	2,656	2,817	2,604	2,495	2,327	2,221	2,239	2,423	2,044	2,054	2,254	800	1,454
Burglary <sup>7</sup>	26,904	28,639	29,480	29,256	31,266	29,488	28,737	23,083	21,335	19,472	18,183	15,232	13,451	12,298	6,671	5,627
Motor vehicle theft <sup>8</sup>	6,221	6,285	6,062	5,531	5,231	4,619	4,104	3,977	3,441	3,334	3,013	2,971	2,901	3,251	12	3,239
Arson <sup>9</sup>	1,180	1,018	1,033	987	916	776	695	633	732	639	705	627	603	588	286	282
<b>Weapons-, drug-, and liquor-related arrests and referrals</b>																
Arrests <sup>10</sup>	40,348	44,581	47,939	49,024	50,187	50,558	50,639	50,066	51,519	54,285	52,325	46,975	44,550	40,598	21,056	19,542
Illegal weapons possession	1,073	1,094	1,263	1,316	1,316	1,318	1,190	1,077	1,112	1,023	1,213	1,018	997	1,183	308	875
Drug law violations	11,854	12,467	12,775	13,707	13,952	14,135	15,146	15,871	18,589	20,729	21,212	19,799	19,180	19,423	10,017	9,406
Liquor law violations	27,421	31,020	33,901	34,001	34,919	35,105	34,303	33,118	31,818	32,533	30,090	26,158	24,373	19,992	10,731	9,261
Referrals for disciplinary action <sup>10</sup>	155,201	184,915	196,775	202,816	218,040	216,600	217,526	220,987	230,269	249,694	251,402	244,985	253,607	242,130	220,920	212,210
Illegal weapons possession	1,277	1,566	1,799	1,882	1,871	1,658	1,455	1,275	1,314	1,282	1,404	1,410	1,430	1,411	979	432
Drug law violations	23,900	25,753	25,762	25,356	27,251	28,476	32,469	36,344	42,022	51,562	53,959	56,647	56,678	56,038	48,401	7,637
Liquor law violations	130,024	157,596	169,214	175,578	188,918	186,466	183,602	186,368	186,933	196,850	196,039	190,136	195,530	184,681	171,540	13,141
<b>Public 4-year</b>																
Selected crimes against persons and property.	18,710	19,789	19,984	19,582	20,648	19,579	18,695	15,975	15,503	14,675	14,510	13,127	13,347	13,527	6,579	6,948
Murder <sup>1</sup>	9	5	8	4	5	42	9	8	9	10	7	10	3	13	3	10
Negligent manslaughter <sup>2</sup>	2	1	0	1	0	2	0	0	0	1	1	0	1	1	1	0
Sex offenses—forcible <sup>3</sup>	1,245	1,358	1,482	1,398	1,400	1,425	1,317	1,214	1,461	1,638	1,973	2,264	3,211	3,928	2,814	1,114
Rape	—	—	—	—	—	—	—	—	—	—	—	—	2,118	2,530	2,049	481
Fondling	—	—	—	—	—	—	—	—	—	—	—	—	1,093	1,398	765	633
Sex offenses—nonforcible <sup>4</sup>	207	28	16	25	15	23	12	40	15	17	17	18	28	36	16	20
Robbery <sup>5</sup>	584	669	612	696	680	722	750	647	662	612	657	635	550	580	117	463
Aggravated assault <sup>6</sup>	1,434	1,381	1,269	1,280	1,338	1,258	1,182	1,134	1,076	1,076	1,200	1,000	1,016	1,144	438	706
Burglary <sup>7</sup>	11,520	12,634	13,026	12,935	14,027	13,371	12,970	10,718	10,219	9,373	8,821	7,258	6,679	5,754	3,017	2,737
Motor vehicle theft <sup>8</sup>	3,072	3,116	2,964	2,667	2,662	2,266	2,027	1,824	1,604	1,592	1,406	1,537	1,500	1,768	2	1,766
Arson <sup>9</sup>	637	597	607	576	521	470	427	400	457	356	428	405	359	303	171	132
<b>Weapons-, drug-, and liquor-related arrests and referrals</b>																
Arrests <sup>10</sup>	31,077	34,657	36,746	38,051	39,900	39,570	40,607	40,780	41,992	44,891	43,155	38,073	36,250	32,994	17,244	15,750
Illegal weapons possession	692	697	811	878	859	825	759	659	629	621	621	637	620	722	212	510
Drug law violations	9,125	9,389	9,620	10,606	10,850	10,693	11,714	12,186	14,362	16,323	16,792	15,571	15,119	15,493	8,205	7,288
Liquor law violations	21,260	24,571	26,315	26,567	28,191	28,052	28,134	27,935	26,961	27,939	25,742	21,865	20,511	16,779	8,827	7,952
Referrals for disciplinary action <sup>10</sup>	79,152	94,365	100,588	100,211	107,289	106,148	104,585	108,756	116,029	129,667	132,363	127,155	134,310	127,619	117,167	10,452
Illegal weapons possession	678	847	1,001	1,097	972	867	792	669	664	610	644	604	646	567	416	151
Drug law violations	13,179	13,811	13,658	13,020	13,798	14,458	16,656	18,260	21,451	27,339	28,880	28,259	30,376	30,635	26,380	4,255
Liquor law violations	65,295	79,707	85,929	86,094	92,519	90,823	87,137	89,827	93,914	101,718	102,839	98,292	103,288	96,417	90,371	6,046
<b>Nonprofit 4-year</b>																
Selected crimes against persons and property.	14,844	15,179	15,523	15,574	16,864	15,452	14,892	11,964	11,202	10,740	10,790	10,290	10,027	10,412	6,259	4,153
Murder <sup>1</sup>	5	2	4	5	3	2	1	6	5	3	2	5	2	2	1	1
Negligent manslaughter <sup>2</sup>	0	0	0	1	0	0	0	0	0	0	0	0	0	1	1	0
Sex offenses—forcible <sup>3</sup>	820	1,048	1,026	1,088	1,080	1,065	1,083	1,102	1,225	1,431	1,741	2,379	3,112	3,497	2,759	738
Rape	—	—	—	—	—	—	—	—	—	—	—	—	2,155	2,358	2,029	329
Fondling	—	—	—	—	—	—	—	—	—	—	—	—	957	1,139	730	409
Sex offenses—nonforcible <sup>4</sup>	113	14	5	6	8	16	11	11	8	13	10	12	7	14	8	6
Robbery <sup>5</sup>	649	538	577	500	502	460	437	366	319	320	396	373	298	273	44	229
Aggravated assault <sup>6</sup>	882	773	838	744	834	768	754	661	641	631	667	681	656	716	280	436
Burglary <sup>7</sup>	10,471	11,066	11,426	11,657	13,051	11,941	11,551	8,810	8,136	7,421	7,046	5,999	5,096	4,876	3,058	1,818
Motor vehicle theft <sup>8</sup>	1,471	1,385	1,316	1,248	1,077	984	859	834	641	704	711	667	757	826	3	823
Arson <sup>9</sup>	433	353	331	325	307	223	191	174	225	217	221	174	207	105	102	102
<b>Weapons-, drug-, and liquor-related arrests and referrals</b>																
Arrests <sup>10</sup>	6,329	6,856	7,722	7,406	6,134	6,732	6,112	5,777	5,459	5,444	5,477	5,642	4,961	4,596	2,644	1,952
Illegal weapons possession	167	166	184	150	146	178	158	148	137	129	127	131	133	166	54	112
Drug law violations	1,628	1,869	1,751	1,691	1,650	1,804	1,883	2,080	2,248	2,425	2,415	2,503	2,261	2,245	1,322	923
Liquor law violations	4,534	4,821	5,787	5,565	4,338	4,750	4,071	3,549	3,074	2,890	2,935	3,008	2,567	2,185	1,268	917
Referrals for disciplinary action <sup>10</sup>	71,293	85,184	90,749	96,646	103,484	103,254	105,289	103,457	104,939	110,607	110,268	109,298	110,372	105,609	96,562	9,047
Illegal weapons possession	443	537	608	590	622	545	457	358	393	417	498	535	486	557	467	90
Drug law violations	9,688	10,885	10,903	11,208	12,114	12,685	14,157	15,845	17,841	21,240	22,168	22,116	23,063	22,114	19,815	2,299
Liquor law violations	61,162	73,762	79,238	84,848	90,748	90,024	90,675	87,254	86,705	88,950	87,602	86,647	86,823	82,938	76,280	6,658
<b>For-profit 4-year</b>																
Selected crimes against persons and property.	505	720	718	829	641	612	574	525	561	446	364	511	458	357	129	228
Murder <sup>1</sup>	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
Negligent manslaughter <sup>2</sup>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sex offenses—forcible <sup>3</sup>	4	8	5	4	12	12	9	9	22	26	18	18	46	38	22	16
Rape	—	—	—	—	—	—	—	—	—	—	—	—	27	11	8	3
Fondling	—	—	—	—	—	—	—	—	—	—	—	—	19	27	14	13
Sex offenses—nonforcible <sup>4</sup>	13	2	0	1	0	2	0	1	1	0	3	2	2	0	0	0
Robbery <sup>5</sup>	64	43	46	43	25	31	38	86	70	74	51	86	54	35	2	33
Aggravated assault <sup>6</sup>	23	41	38	59	31	31	63	43	51	36	43	58	35	35	14	21
Burglary <sup>7</sup>	347	542	524	607	489	446	385	299	350	249	195	276	258	182	83	99
Motor vehicle theft <sup>8</sup>	52	80														

**Table 329.10. On-campus crimes, arrests, and referrals for disciplinary action at degree-granting postsecondary institutions, by location of incident, control and level of institution, and type of incident: Selected years, 2001 through 2015 —Continued**

Control and level of institution and type of incident	Number of incidents															
	Total, in residence halls and at other locations														2015	
	2001	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	Total	In residence halls	At other locations
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
<b>Public 2-year</b>																
Selected crimes against persons and property.	6,817	6,637	6,637	5,981	5,669	5,381	5,464	4,984	4,396	4,141	3,749	3,075	2,859	2,997	775	2,222
Murder <sup>1</sup> .....	2	2	3	2	0	0	2	2	1	2	3	7	3	13	0	13
Negligent manslaughter <sup>2</sup> .....	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0
Sex offenses—forcible <sup>3</sup> .....	118	160	142	175	167	181	210	205	210	262	263	303	387	489	181	308
Rape .....	—	—	—	—	—	—	—	—	—	—	—	—	132	195	127	68
Fondling .....	—	—	—	—	—	—	—	—	—	—	—	—	255	294	54	240
Sex offenses—nonforcible <sup>4</sup> .....	119	14	6	10	16	7	7	12	8	16	13	11	16	11	1	10
Robbery <sup>5</sup> .....	245	230	213	248	284	279	285	251	298	262	244	197	149	148	18	130
Aggravated assault <sup>6</sup> .....	545	589	497	501	546	462	401	431	409	406	437	278	305	331	61	270
Burglary <sup>7</sup> .....	4,132	3,973	4,068	3,541	3,261	3,202	3,430	2,920	2,398	2,235	1,964	1,583	1,390	1,409	506	903
Motor vehicle theft <sup>8</sup> .....	1,552	1,607	1,620	1,428	1,319	1,174	1,059	1,109	1,028	899	776	651	552	541	0	541
Arson <sup>9</sup> .....	104	62	88	76	76	76	70	54	43	59	49	45	56	55	8	47
Weapons-, drug-, and liquor-related arrests and referrals																
Arrests <sup>10</sup> .....	2,660	2,950	3,270	3,416	3,993	4,124	3,764	3,335	3,811	3,723	3,464	3,060	3,127	2,820	1,105	1,715
Illegal weapons possession .....	198	220	255	278	300	304	258	256	282	248	253	230	222	268	35	233
Drug law violations .....	989	1,141	1,312	1,326	1,378	1,563	1,490	1,507	1,866	1,892	1,885	1,588	1,675	1,541	439	1,102
Liquor law violations .....	1,473	1,589	1,703	1,812	2,315	2,257	2,016	1,572	1,663	1,583	1,326	1,242	1,230	1,011	631	380
Referrals for disciplinary action <sup>10</sup> .....	3,529	4,036	4,371	4,688	5,897	5,987	6,425	7,241	8,017	8,174	7,586	6,845	7,241	7,290	5,706	1,584
Illegal weapons possession .....	127	145	167	133	238	218	183	210	242	228	224	243	269	267	81	186
Drug law violations .....	761	679	858	819	908	1,006	1,302	1,745	2,336	2,573	2,468	2,304	2,549	2,624	1,627	997
Liquor law violations .....	2,641	3,212	3,346	3,736	4,751	4,763	4,940	5,286	5,439	5,373	4,894	4,298	4,423	4,399	3,998	401
<b>Nonprofit 2-year</b>																
Selected crimes against persons and property.	248	189	166	314	250	258	272	147	120	148	107	66	65	63	18	45
Murder <sup>1</sup> .....	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Negligent manslaughter <sup>2</sup> .....	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
Sex offenses—forcible <sup>3</sup> .....	2	6	3	8	3	9	16	8	7	11	8	4	3	12	9	3
Rape .....	—	—	—	—	—	—	—	—	—	—	—	—	2	1	1	0
Fondling .....	—	—	—	—	—	—	—	—	—	—	—	—	1	11	8	3
Sex offenses—nonforcible <sup>4</sup> .....	2	0	0	0	1	0	0	0	0	0	0	2	0	0	0	0
Robbery <sup>5</sup> .....	54	64	22	9	7	2	13	9	5	1	2	3	0	2	0	2
Aggravated assault <sup>6</sup> .....	23	12	17	22	35	52	66	5	9	53	46	13	28	7	3	4
Burglary <sup>7</sup> .....	142	83	111	266	187	178	160	120	95	74	47	41	29	31	5	26
Motor vehicle theft <sup>8</sup> .....	23	23	13	7	14	14	9	4	2	7	4	3	5	9	0	9
Arson <sup>9</sup> .....	1	1	0	2	3	3	7	1	2	2	0	0	0	2	1	1
Weapons-, drug-, and liquor-related arrests and referrals																
Arrests <sup>10</sup> .....	108	23	48	76	67	59	93	58	49	52	52	66	39	43	16	27
Illegal weapons possession .....	1	3	2	5	3	4	3	4	6	5	5	5	5	9	1	8
Drug law violations .....	21	16	16	32	34	27	33	35	18	34	31	49	28	29	10	19
Liquor law violations .....	86	4	30	39	30	28	57	19	25	13	16	12	6	5	5	0
Referrals for disciplinary action <sup>10</sup> .....	624	552	447	514	537	519	413	348	377	360	300	320	456	555	528	27
Illegal weapons possession .....	2	6	5	12	19	10	6	7	4	1	6	7	11	2	0	7
Drug law violations .....	91	52	58	47	74	73	85	100	105	109	103	129	161	217	194	23
Liquor law violations .....	531	494	384	455	444	436	322	241	268	250	191	184	284	336	334	2
<b>For-profit 2-year</b>																
Selected crimes against persons and property.	472	550	527	430	420	547	399	459	315	257	246	167	133	125	11	114
Murder <sup>1</sup> .....	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Negligent manslaughter <sup>2</sup> .....	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
Sex offenses—forcible <sup>3</sup> .....	12	15	9	1	8	2	4	6	2	7	12	9	5	6	2	4
Rape .....	—	—	—	—	—	—	—	—	—	—	—	—	1	2	2	0
Fondling .....	—	—	—	—	—	—	—	—	—	—	—	—	4	4	0	4
Sex offenses—nonforcible <sup>4</sup> .....	7	2	0	0	1	0	0	1	1	0	3	0	0	0	0	0
Robbery <sup>5</sup> .....	67	81	80	55	49	67	53	50	38	16	28	23	29	11	3	8
Aggravated assault <sup>6</sup> .....	40	36	62	50	33	33	29	53	35	37	30	14	14	21	4	17
Burglary <sup>7</sup> .....	292	341	325	250	245	350	241	226	135	120	110	75	59	46	2	44
Motor vehicle theft <sup>8</sup> .....	51	74	49	71	81	92	71	121	101	74	63	45	26	41	0	41
Arson <sup>9</sup> .....	3	1	2	3	3	3	0	2	3	3	0	1	0	0	0	0
Weapons-, drug-, and liquor-related arrests and referrals																
Arrests <sup>10</sup> .....	163	84	112	47	41	45	23	62	43	23	51	60	55	26	8	18
Illegal weapons possession .....	13	6	6	3	3	4	4	4	5	1	7	3	8	3	1	2
Drug law violations .....	87	48	64	36	26	32	12	41	29	14	40	40	28	20	7	13
Liquor law violations .....	63	30	42	8	12	9	7	17	9	8	4	17	19	3	0	3
Referrals for disciplinary action <sup>10</sup> .....	287	313	322	228	320	173	248	303	147	168	217	206	231	162	143	19
Illegal weapons possession .....	16	7	7	8	7	7	4	8	2	10	9	3	1	3	2	1
Drug law violations .....	89	196	186	134	219	122	110	163	68	68	86	94	93	87	72	15
Liquor law violations .....	182	110	129	86	94	44	134	132	77	90	122	109	137	72	69	3

—Not available.

<sup>1</sup>Excludes suicides, fetal deaths, traffic fatalities, accidental deaths, and justifiable homicide (such as the killing of a felon by a law enforcement officer in the line of duty).

<sup>2</sup>Killing of another person through gross negligence (excludes traffic fatalities).

<sup>3</sup>Any sexual act directed against another person forcibly and/or against that person's will.

<sup>4</sup>Includes only statutory rape or incest.

<sup>5</sup>Taking or attempting to take anything of value using actual or threatened force or violence.

<sup>6</sup>Attack upon a person for the purpose of inflicting severe or aggravated bodily injury.

<sup>7</sup>Unlawful entry of a structure to commit a felony or theft.

<sup>8</sup>Theft or attempted theft of a motor vehicle.

<sup>9</sup>Willful or malicious burning or attempt to burn a dwelling house, public building, motor vehicle, or personal property of another.

<sup>10</sup>If an individual is both arrested and referred to college officials for disciplinary action for a single offense, only the arrest is counted.

NOTE: Data are for degree-granting institutions, which are institutions that grant associate's or higher degrees and participate in Title IV federal financial aid programs. Some institutions that report Clery data—specifically, non-degree-granting institutions and institutions outside of the 50 states and the District of Columbia—are excluded from this table. Crimes, arrests, and referrals include incidents involving students, staff, and on-campus guests. Excludes off-campus crimes and arrests even if they involve college students or staff. Some data have been revised from previously published figures.

SOURCE: U.S. Department of Education, Office of Postsecondary Education, Campus Safety and Security Reporting System, 2001 through 2015; and National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), Fall 2002 through Fall 2015, Institutional Characteristics component. (This table was prepared September 2017.)

**Table 329.20. On-campus crimes, arrests, and referrals for disciplinary action per 10,000 full-time-equivalent (FTE) students at degree-granting postsecondary institutions, by whether institution has residence halls, control and level of institution, and type of incident: Selected years, 2001 through 2015**

Control and level of institution and type of incident	Number of incidents per 10,000 full-time-equivalent (FTE) students <sup>1</sup>														2015		
	Total, institutions with and without residence halls														Total	Institutions with residence halls	Institutions without residence halls
	2001	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	15			
<b>All institutions</b>																	
Selected crimes against persons and property .....	35.619	34.040	33.580	32.864	33.347	30.568	28.987	22.955	20.869	20.027	19.983	18.461	17.986	18.493	24.033	5.974	
Murder <sup>2</sup> .....	0.015	0.007	0.012	0.008	0.006	0.032	0.009	0.011	0.010	0.011	0.008	0.016	0.007	0.019	0.014	0.031	
Negligent manslaughter <sup>3</sup> .....	0.002	0.001	0.000	0.002	0.000	0.002	0.002	0.000	0.001	0.001	0.001	0.000	0.001	0.000	0.002	0.000	
Sex offenses—forcible <sup>4</sup> .....	1.885	2.051	2.056	2.058	2.001	1.969	1.898	1.715	1.903	2.223	2.695	3.374	4.524	5.363	7.387	0.790	
Rape .....	—	—	—	—	—	—	—	—	—	—	—	—	2.967	3.430	4.873	0.169	
Fondling .....	—	—	—	—	—	—	—	—	—	—	—	—	—	1.558	1.933	2.514	
Sex offenses—nonforcible <sup>5</sup> .....	0.395	0.047	0.021	0.032	0.032	0.029	0.025	0.044	0.021	0.030	0.031	0.031	0.035	0.041	0.050	0.020	
Robbery <sup>6</sup> .....	1.424	1.284	1.195	1.193	1.159	1.141	1.134	0.950	0.905	0.846	0.918	0.893	0.702	0.706	0.853	0.373	
Aggravated assault <sup>7</sup> .....	2.524	2.239	2.098	2.044	2.111	1.903	1.795	1.569	1.444	1.475	1.627	1.385	1.374	1.517	1.874	0.709	
Burglary <sup>8</sup> .....	23.038	22.638	22.728	22.511	23.429	21.549	20.672	15.559	13.872	12.825	12.207	10.325	8.997	8.276	10.828	2.508	
Motor vehicle theft <sup>9</sup> .....	5.327	4.968	4.674	4.256	3.921	3.375	2.952	2.681	2.237	2.196	2.023	2.014	1.940	2.188	2.515	1.448	
Arson <sup>10</sup> .....	1.010	0.805	0.796	0.759	0.687	0.567	0.500	0.427	0.476	0.421	0.473	0.425	0.403	0.382	0.509	0.097	
<b>Weapons-, drug-, and liquor-related arrests and referrals</b>																	
Arrests <sup>11</sup> .....	34.550	35.239	36.960	37.722	37.615	36.947	36.428	33.748	33.497	35.755	35.127	31.841	29.800	27.321	37.865	3.490	
Illegal weapons possession .....	0.919	0.865	0.974	1.013	0.986	0.963	0.856	0.726	0.723	0.674	0.687	0.690	0.667	0.963	0.918	0.520	
Drug law violations .....	10.151	9.854	9.849	10.547	10.457	10.330	10.895	10.698	12.086	13.653	14.240	13.420	12.830	13.071	17.789	2.409	
Liquor law violations .....	23.481	24.520	26.137	26.163	26.172	25.654	24.676	22.324	20.687	21.428	20.200	17.730	16.303	13.454	19.158	0.562	
Referrals for disciplinary action <sup>11</sup> .....	132.899	146.165	151.708	156.600	163.421	158.288	156.479	148.959	149.716	164.460	168.772	166.056	169.639	162.943	233.442	3.618	
Illegal weapons possession .....	1.093	1.238	1.387	1.448	1.402	1.212	1.047	0.859	0.854	0.844	0.943	0.956	0.957	0.950	1.213	0.353	
Drug law violations .....	20.466	20.356	19.862	19.511	20.425	20.810	23.357	24.498	27.322	33.961	36.224	36.222	37.891	37.711	53.626	1.744	
Liquor law violations .....	111.340	124.571	130.459	135.101	141.594	136.267	132.076	123.602	121.540	129.654	131.606	128.878	130.791	124.282	178.603	1.520	
<b>Public 4-year</b>																	
Selected crimes against persons and property .....	36.191	35.725	35.522	34.295	35.532	32.837	30.531	24.898	23.448	21.958	21.669	19.553	19.546	19.515	20.849	5.913	
Murder <sup>2</sup> .....	0.017	0.009	0.014	0.007	0.009	0.070	0.015	0.012	0.014	0.015	0.010	0.015	0.004	0.019	0.021	0.000	
Negligent manslaughter <sup>3</sup> .....	0.004	0.002	0.000	0.002	0.000	0.003	0.002	0.000	0.000	0.001	0.001	0.000	0.001	0.001	0.002	0.000	
Sex offenses—forcible <sup>4</sup> .....	2.408	2.452	2.634	2.448	2.409	2.390	2.151	1.892	2.210	2.451	2.946	3.372	4.702	5.667	6.120	1.050	
Rape .....	—	—	—	—	—	—	—	—	—	—	—	—	3.102	3.650	3.973	0.355	
Fondling .....	—	—	—	—	—	—	—	—	—	—	—	—	—	1.601	2.017	0.695	
Sex offenses—nonforcible <sup>5</sup> .....	0.400	0.051	0.028	0.044	0.026	0.039	0.020	0.062	0.023	0.025	0.025	0.027	0.041	0.052	0.055	0.016	
Robbery <sup>6</sup> .....	1.130	1.208	1.088	1.219	1.170	1.211	1.225	1.008	1.001	0.916	0.981	0.946	0.805	0.837	0.887	0.323	
Aggravated assault <sup>7</sup> .....	2.774	2.493	2.256	2.242	2.302	2.110	1.930	1.767	1.627	1.610	1.792	1.490	1.488	1.650	1.743	0.711	
Burglary <sup>8</sup> .....	22.283	22.808	23.154	22.654	24.138	22.425	21.181	16.689	15.456	14.025	13.173	10.811	9.781	8.301	8.886	2.343	
Motor vehicle theft <sup>9</sup> .....	5.942	5.625	5.269	4.671	4.581	3.800	3.310	2.843	2.426	2.382	2.100	2.289	2.197	2.551	2.658	1.454	
Arson <sup>10</sup> .....	1.232	1.078	1.079	1.009	0.897	0.788	0.697	0.623	0.691	0.533	0.639	0.603	0.526	0.437	0.478	0.016	
<b>Weapons-, drug-, and liquor-related arrests and referrals</b>																	
Arrests <sup>11</sup> .....	60.113	62.566	65.318	66.641	68.662	66.366	66.315	63.558	63.512	67.169	64.447	56.711	53.086	47.600	51.807	4.701	
Illegal weapons possession .....	1.339	1.258	1.442	1.538	1.478	1.384	1.240	1.027	1.012	0.941	0.927	0.949	0.908	1.042	1.101	0.436	
Drug law violations .....	17.651	16.950	17.100	18.575	18.671	17.934	19.130	18.993	21.722	24.424	25.077	23.194	22.141	22.352	24.185	3.651	
Liquor law violations .....	41.123	44.358	46.776	46.529	48.513	47.048	45.945	43.539	40.778	41.804	38.443	32.569	30.037	24.207	26.520	0.614	
Referrals for disciplinary action <sup>11</sup> .....	153.104	170.355	178.800	175.506	184.628	178.029	170.797	169.503	175.490	194.017	197.669	189.403	196.689	184.114	202.045	1.260	
Illegal weapons possession .....	1.311	1.529	1.779	1.921	1.673	1.454	1.293	1.043	1.004	0.913	0.962	0.900	0.946	0.818	0.882	0.162	
Drug law violations .....	25.492	24.933	24.278	22.803	23.744	24.249	27.201	28.459	32.444	40.907	43.129	42.093	44.484	44.197	48.459	0.727	
Liquor law violations .....	126.301	143.893	152.743	150.782	159.211	152.326	142.303	140.001	142.042	152.198	153.578	146.410	151.259	139.100	152.703	0.372	
<b>Nonprofit 4-year</b>																	
Selected crimes against persons and property .....	57.358	54.891	54.728	54.165	57.681	52.039	49.315	38.613	35.193	33.154	33.198	31.205	30.077	30.764	32.581	11.946	
Murder <sup>2</sup> .....	0.019	0.007	0.014	0.017	0.010	0.007	0.003	0.019	0.016	0.009	0.006	0.015	0.015	0.006	0.003	0.034	
Negligent manslaughter <sup>3</sup> .....	0.000	0.000	0.000	0.003	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.003	0.003	0.000	
Sex offenses—forcible <sup>4</sup> .....	3.169	3.790	3.617	3.784	3.694	3.587	3.586	3.557	3.848	4.417	5.357	7.214	9.335	10.332	11.204	1.309	
Rape .....	—	—	—	—	—	—	—	—	—	—	—	—	6.464	6.967	7.611	0.302	
Fondling .....	—	—	—	—	—	—	—	—	—	—	—	—	—	2.871	3.365	1.007	
Sex offenses—nonforcible <sup>5</sup> .....	0.437	0.051	0.018	0.021	0.034	0.027	0.053	0.036	0.025	0.040	0.031	0.036	0.021	0.041	0.045	0.000	
Robbery <sup>6</sup> .....	2.508	1.946	2.034	1.739	1.717	1.549	1.447	1.181	1.002	0.988	1.188	1.131	0.804	0.807	0.836	0.503	
Aggravated assault <sup>7</sup> .....	3.408	2.795	2.954	2.588	2.853	2.586	2.497	2.133	2.014	1.948	2.052	2.065	1.968	2.116	2.138	1.879	
Burglary <sup>8</sup> .....	40.460	40.017	40.284	40.542	44.639	40.214	38.251	28.434	25.567	22.908	21.679	18.192	15.106	14.407	15.176	6.443	
Motor vehicle theft <sup>9</sup> .....	5.684	5.008	4.640	4.340	3.684	3.314	2.845	2.692	2.014	2.173	2.188	2.023	2.271	2.441	2.521	1.611	
Arson <sup>10</sup> .....	1.673	1.277	1.167	1.130	1.050	0.751	0.632	0.562	0.707	0.670	0.698	0.528	0.558	0.612	0.654	0.168	
<b>Weapons-, drug-, and liquor-related arrests and referrals</b>																	
Arrests <sup>11</sup> .....	24.456	24.793	27.225	25.758	20.981	22.672	20.240	18.645	17.150	16.805	16.851	17.110	14.881	13.580	14.693	2.047	
Illegal weapons possession .....	0.645	0.600	0.649	0.522	0.499	0.599	0.523	0.478	0.430	0.398	0.391	0.397	0.399	0.490	0.502	0.369	
Drug law violations .....	6.291	6.759	6.173	5.881	5.644	6.075	6.236	6.713	7.062	7.486	7.430	7.590	6.782	6.633	7.173	1.040	
Liquor law violations .....	17.520	17.434	20.403	19.355	14.838	15.997	13.481	11.454	9.657	8.921	9.030	9.122	7.700	6.456	7.018	0.638	
Referrals for disciplinary action <sup>11</sup> .....	275.480	308.044	319.945	336.127	353.954	347.734	348.663	333.904	329.679	341.437	339.263	331.451	331.076	312.040	340.222	20.167	
Illegal weapons possession .....	1.712	1.942	2.144	2.052	2.127	1.835	1.513	1.155	1.235	1.287	1.532	1.622	1.458	1.646	1.763	0.436	
Drug law violations .....	37.435	39.363	38.440	38.981	41.434	42.720	46.881	51.139	56.050	65.567	68.205	67.068	69.181	65.340	71.266	3.960	
Liquor law violations .....	236.333	266.740	279.362	295.095	310.392	303.179	300.269	281.609	272.395	274.583	269.526	262.761	260.438	245.055	267.193	15.771	

See notes at end of table.

**Table 329.20. On-campus crimes, arrests, and referrals for disciplinary action per 10,000 full-time-equivalent (FTE) students at degree-granting postsecondary institutions, by whether institution has residence halls, control and level of institution, and type of incident: Selected years, 2001 through 2015—Continued**

Control and level of institution and type of incident	Number of incidents per 10,000 full-time-equivalent (FTE) students <sup>1</sup>															
	Total, institutions with and without residence halls													2015		
	2001	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	Total	Institutions with residence halls	Institutions without residence halls
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
<b>For-profit 4-year</b>																
Selected crimes against persons and property .....	19.109	17.605	13.650	17.049	9.552	8.095	10.320	7.513	6.499	6.003	5.531	8.553	5.650	5.037	14.158	2.638
Murder <sup>2</sup> .....	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.013	0.000	0.017	0.000	0.000	0.000	0.000
Negligent manslaughter <sup>3</sup> .....	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Sex offenses—forcible <sup>4</sup> .....	0.151	0.196	0.095	0.082	0.179	0.159	0.162	0.129	0.255	0.350	0.274	0.301	0.567	0.536	1.965	0.160
Rape .....	—	—	—	—	—	—	—	—	—	—	—	—	0.333	0.155	0.677	0.018
Fondling .....	—	—	—	—	—	—	—	—	—	—	—	—	0.234	0.381	1.287	0.143
Sex offenses—nonforcible <sup>5</sup> .....	0.492	0.049	0.000	0.021	0.000	0.026	0.000	0.014	0.012	0.000	0.046	0.033	0.025	0.000	0.000	0.000
Robbery <sup>6</sup> .....	2.422	1.051	0.875	0.884	0.373	0.410	0.683	1.231	0.811	0.996	0.775	1.440	0.666	0.494	0.745	0.428
Aggravated assault <sup>7</sup> .....	0.870	1.003	0.722	1.213	0.462	0.410	1.133	0.615	0.591	0.485	0.653	0.971	0.432	0.494	1.558	0.214
Burglary <sup>8</sup> .....	13.130	13.253	9.962	12.484	7.287	5.899	6.922	4.279	4.055	3.351	2.963	4.620	3.183	2.568	8.197	1.087
Motor vehicle theft <sup>9</sup> .....	1.968	1.956	1.901	2.262	1.162	1.177	1.420	1.216	0.753	0.781	0.805	1.138	0.752	0.931	1.626	0.749
Arson <sup>10</sup> .....	0.076	0.098	0.095	0.103	0.089	0.013	0.000	0.029	0.023	0.027	0.015	0.033	0.025	0.014	0.068	0.000
<b>Weapons-, drug-, and liquor-related arrests and referrals</b>																
Arrests <sup>11</sup> .....	0.416	0.269	0.779	0.576	0.775	0.370	0.719	0.773	1.911	2.046	1.915	1.239	1.456	1.679	6.029	0.535
Illegal weapons possession .....	0.076	0.049	0.095	0.041	0.075	0.040	0.144	0.086	0.151	0.148	0.152	0.201	0.111	0.212	0.813	0.053
Drug law violations .....	0.151	0.098	0.228	0.329	0.209	0.212	0.252	0.315	0.765	0.552	0.745	0.803	0.851	1.340	4.877	0.410
Liquor law violations .....	0.189	0.122	0.456	0.206	0.492	0.119	0.324	0.372	0.996	1.346	1.018	0.234	0.493	0.127	0.339	0.071
Referrals for disciplinary action <sup>11</sup> .....	11.957	11.370	5.665	10.880	7.645	6.865	10.177	12.623	8.804	9.663	10.150	19.433	12.299	12.628	59.748	0.232
Illegal weapons possession .....	0.416	0.587	0.209	0.864	0.194	0.145	0.234	0.329	0.104	0.215	0.349	0.301	0.210	0.212	0.948	0.018
Drug law violations .....	3.481	3.179	1.882	2.632	2.057	1.746	2.859	3.306	2.560	3.136	3.860	8.989	4.996	5.094	23.845	0.160
Liquor law violations .....	8.060	7.605	3.574	7.383	5.395	4.973	7.084	8.988	6.140	6.312	5.941	10.143	7.093	7.323	34.955	0.053
<b>Public 2-year</b>																
Selected crimes against persons and property .....	19.867	18.044	17.903	16.389	15.423	14.388	13.991	11.745	10.195	9.998	9.379	7.912	7.680	8.337	17.438	6.004
Murder <sup>2</sup> .....	0.006	0.005	0.008	0.005	0.000	0.000	0.005	0.005	0.002	0.005	0.008	0.018	0.008	0.036	0.000	0.045
Negligent manslaughter <sup>3</sup> .....	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.003	0.000	0.000
Sex offenses—forcible <sup>4</sup> .....	0.344	0.435	0.383	0.480	0.454	0.484	0.538	0.483	0.487	0.633	0.658	0.780	1.040	1.360	3.368	0.846
Rape .....	—	—	—	—	—	—	—	—	—	—	—	—	0.355	0.542	2.045	0.157
Fondling .....	—	—	—	—	—	—	—	—	—	—	—	—	0.685	0.818	1.323	0.688
Sex offenses—nonforcible <sup>5</sup> .....	0.347	0.038	0.016	0.027	0.044	0.019	0.018	0.028	0.019	0.039	0.033	0.028	0.043	0.031	0.041	0.028
Robbery <sup>6</sup> .....	0.714	0.625	0.575	0.680	0.773	0.746	0.730	0.591	0.691	0.633	0.610	0.507	0.400	0.412	0.614	0.360
Aggravated assault <sup>7</sup> .....	1.588	1.601	1.341	1.373	1.485	1.235	1.027	1.016	0.949	0.980	1.093	0.715	0.819	0.921	1.882	0.674
Burglary <sup>8</sup> .....	12.042	10.801	10.974	9.703	8.872	8.561	8.783	6.881	5.561	5.396	4.914	4.073	3.734	3.919	9.830	2.404
Motor vehicle theft <sup>9</sup> .....	4.523	4.369	4.370	3.913	3.588	3.139	2.712	2.613	2.384	2.171	1.941	1.675	1.483	1.505	1.472	1.513
Arson <sup>10</sup> .....	0.303	0.169	0.237	0.208	0.207	0.203	0.179	0.127	0.100	0.142	0.123	0.116	0.150	0.153	0.232	0.133
<b>Weapons-, drug-, and liquor-related arrests and referrals</b>																
Arrests <sup>11</sup> .....	7.752	8.020	8.821	9.360	10.863	11.027	9.638	7.859	8.838	8.989	8.666	7.874	8.400	7.844	22.374	4.120
Illegal weapons possession .....	0.577	0.598	0.688	0.762	0.816	0.813	0.661	0.603	0.654	0.599	0.633	0.592	0.596	0.745	1.063	0.664
Drug law violations .....	2.882	3.102	3.539	3.633	3.749	4.179	3.815	3.551	4.328	4.568	4.716	4.086	4.500	4.287	10.144	2.785
Liquor law violations .....	4.293	4.320	4.594	4.965	6.298	6.035	5.162	3.704	3.857	3.822	3.317	3.196	3.304	2.812	11.166	0.671
Referrals for disciplinary action <sup>11</sup> .....	10.284	10.973	11.791	12.846	16.043	16.008	16.451	17.063	18.592	19.735	18.979	17.613	19.452	20.279	86.646	3.268
Illegal weapons possession .....	0.370	0.394	0.450	0.364	0.648	0.583	0.469	0.495	0.561	0.550	0.560	0.625	0.723	0.743	1.786	0.475
Drug law violations .....	2.218	1.846	2.314	2.244	2.470	2.690	3.334	4.112	5.417	6.212	6.174	5.928	6.848	7.299	27.528	2.114
Liquor law violations .....	7.697	8.732	9.026	10.237	12.926	12.735	12.649	12.456	12.614	12.972	12.244	11.059	11.882	12.237	57.332	0.678
<b>Nonprofit 2-year</b>																
Selected crimes against persons and property .....	63.955	51.594	48.535	91.263	81.948	103.819	99.299	55.883	48.448	45.531	35.148	26.993	26.108	15.527	34.670	8.184
Murder <sup>2</sup> .....	0.258	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Negligent manslaughter <sup>3</sup> .....	0.000	0.000	0.000	0.000	0.000	0.000	0.365	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Sex offenses—forcible <sup>4</sup> .....	0.516	1.638	0.877	2.325	0.983	3.622	5.841	3.041	2.826	3.384	2.628	1.636	1.205	2.957	9.779	0.341
Rape .....	—	—	—	—	—	—	—	—	—	—	—	—	0.803	0.246	0.889	0.000
Fondling .....	—	—	—	—	—	—	—	—	—	—	—	—	0.402	2.711	8.890	0.341
Sex offenses—nonforcible <sup>5</sup> .....	0.516	0.000	0.000	0.000	0.328	0.000	0.000	0.000	0.000	0.000	0.000	0.818	0.000	0.000	0.000	0.000
Robbery <sup>6</sup> .....	13.926	17.471	6.432	2.616	2.295	0.805	4.746	3.421	2.019	0.308	0.657	1.227	0.000	0.493	1.778	0.000
Aggravated assault <sup>7</sup> .....	5.931	3.276	4.970	6.394	11.473	20.925	24.095	1.901	3.634	16.305	15.110	5.317	11.246	1.725	5.334	0.341
Burglary <sup>8</sup> .....	36.620	22.658	32.454	77.312	61.297	71.627	58.411	45.619	38.354	22.766	15.439	16.768	11.648	7.640	13.335	5.456
Motor vehicle theft <sup>9</sup> .....	5.931	6.279	3.801	2.035	4.589	5.634	3.286	1.521	0.807	2.154	1.314	1.227	2.008	2.218	2.667	2.046
Arson <sup>10</sup> .....	0.258	0.273	0.000	0.581	0.983	1.207	2.555	0.380	0.807	0.615	0.000	0.000	0.000	0.493	1.778	0.000
<b>Weapons-, drug-, and liquor-related arrests and referrals</b>																
Arrests <sup>11</sup> .....	27.852	6.279	14.034	22.089	21.962	23.741	33.952	22.049	19.783	15.998	17.081	26.993	15.665	10.598	27.558	4.092
Illegal weapons possession .....	0.258	0.819	0.585	1.453	0.983	1.610	1.095	1.521	2.422	1.538	1.642	2.045	2.008	2.218	4.445	1.364
Drug law violations .....	5.416	4.368	4.678	9.301	11.145	10.865	12.047	13.305	7.267	10.460	10.183	20.040	11.246	7.147	18.668	2.728
Liquor law violations .....	22.178	1.092	8.771	11.335	9.834	11.267	20.809	7.223	10.093	3.999	5.256	4.908	2.410	1.232	4.445	0.000
Referrals for disciplinary action <sup>11</sup> .....	160.920	150.688	130.694	149.393	176.025	208.845	150.774	132.294	152.206	110.752	98.545	130.874	183.155	136.784	490.710	1.023
Illegal weapons possession .....	0.516	1.638	1.462	3.488	6.228	4.024	2.190	2.661	1.615	0.308	1.971	2.863	4.418	0.493	1.778	0.000
Drug law violations .....	23.468	14.195	16.958	13.660	24.257	29.375	31.031	38.016	42.392	33.533	33.834					

**Table 329.20. On-campus crimes, arrests, and referrals for disciplinary action per 10,000 full-time-equivalent (FTE) students at degree-granting postsecondary institutions, by whether institution has residence halls, control and level of institution, and type of incident: Selected years, 2001 through 2015—Continued**

Control and level of institution and type of incident	Number of incidents per 10,000 full-time-equivalent (FTE) students <sup>1</sup>														2015		
	Total, institutions with and without residence halls														Total	Institutions with residence halls	Institutions without residence halls
	2001	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	15			
<b>For-profit 2-year</b>																	
Selected crimes against persons and property .....	25.385	24.700	21.845	17.851	18.237	23.658	14.826	13.033	8.167	7.503	9.325	7.141	5.794	6.261	13.680	5.860	
Murder <sup>2</sup> .....	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
Negligent manslaughter <sup>3</sup> .....	0.000	0.000	0.000	0.000	0.000	0.000	0.037	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
Sex offenses—forcible <sup>4</sup> .....	0.645	0.674	0.373	0.042	0.347	0.087	0.149	0.170	0.052	0.204	0.455	0.385	0.218	0.301	1.954	0.211	
Rape .....	—	—	—	—	—	—	—	—	—	—	—	—	0.044	0.100	1.954	0.000	
Fondling .....	—	—	—	—	—	—	—	—	—	—	—	—	0.174	0.200	0.000	0.211	
Sex offenses—nonforcible <sup>5</sup> .....	0.376	0.090	0.000	0.000	0.043	0.000	0.000	0.028	0.026	0.000	0.114	0.000	0.000	0.000	0.000	0.000	
Robbery <sup>6</sup> .....	3.603	3.638	3.316	2.283	2.128	2.898	1.969	1.420	0.985	0.467	1.061	0.983	1.263	0.551	2.931	0.422	
Aggravated assault <sup>7</sup> .....	2.151	1.617	2.570	2.076	1.433	1.427	1.078	1.505	0.907	1.080	1.137	0.599	0.610	1.052	3.909	0.897	
Burglary <sup>8</sup> .....	15.704	15.314	13.472	10.378	10.638	15.138	8.955	6.417	3.500	3.503	4.170	3.207	2.570	2.304	4.886	2.165	
Motor vehicle theft <sup>9</sup> .....	2.743	3.323	2.031	2.947	3.517	3.979	2.638	3.436	2.619	2.160	2.388	1.924	1.133	2.054	0.000	2.165	
Arson <sup>10</sup> .....	0.161	0.045	0.083	0.125	0.130	0.130	0.000	0.057	0.078	0.088	0.000	0.043	0.000	0.000	0.000	0.000	
<b>Weapons-, drug-, and liquor-related arrests and referrals</b>																	
Arrests <sup>11</sup> .....	8.766	3.772	4.643	1.951	1.780	1.946	0.855	1.760	1.115	0.671	1.933	2.565	2.396	1.302	7.817	0.950	
Illegal weapons possession .....	0.699	0.269	0.249	0.125	0.130	0.173	0.149	0.114	0.130	0.029	0.265	0.128	0.349	0.150	0.977	0.106	
Drug law violations .....	4.679	2.156	2.653	1.495	1.129	1.384	0.446	1.164	0.752	0.409	1.516	1.710	1.220	1.002	6.840	0.686	
Liquor law violations .....	3.388	1.347	1.741	0.332	0.521	0.389	0.260	0.483	0.233	0.234	0.152	0.727	0.828	0.150	0.000	0.158	
Referrals for disciplinary action <sup>11</sup> .....	15.435	14.057	13.348	9.465	13.895	7.482	9.215	8.603	3.811	4.905	8.225	8.808	10.064	8.114	139.730	1.003	
Illegal weapons possession .....	0.861	0.314	0.290	0.332	0.304	0.303	0.149	0.227	0.052	0.292	0.341	0.128	0.044	0.150	1.954	0.053	
Drug law violations .....	4.787	8.802	7.710	5.563	9.509	5.277	4.087	4.628	1.763	1.985	3.260	4.019	4.052	4.358	70.354	0.792	
Liquor law violations .....	9.788	4.940	5.347	3.570	4.082	1.903	4.979	3.748	1.996	2.627	4.624	4.661	5.969	3.606	67.422	0.158	

—Not available.

<sup>1</sup>Although crimes, arrests, and referrals include incidents involving students, staff, and campus guests, they are expressed as a ratio to FTE students because comprehensive FTE counts of all these groups are not available.

<sup>2</sup>Excludes suicides, fetal deaths, traffic fatalities, accidental deaths, and justifiable homicide (such as the killing of a felon by a law enforcement officer in the line of duty).

<sup>3</sup>Killing of another person through gross negligence (excludes traffic fatalities).

<sup>4</sup>Any sexual act directed against another person forcibly and/or against that person's will.

<sup>5</sup>Includes only statutory rape or incest.

<sup>6</sup>Taking or attempting to take anything of value using actual or threatened force or violence.

<sup>7</sup>Attack upon a person for the purpose of inflicting severe or aggravated bodily injury.

<sup>8</sup>Unlawful entry of a structure to commit a felony or theft.

<sup>9</sup>Theft or attempted theft of a motor vehicle.

<sup>10</sup>Willful or malicious burning or attempt to burn a dwelling house, public building, motor vehicle, or personal property of another.

<sup>11</sup>If an individual is both arrested and referred to college officials for disciplinary action for a single offense, only the arrest is counted.

NOTE: Data are for degree-granting institutions, which are institutions that grant associate's or higher degrees and participate in Title IV federal financial aid programs. Some institutions that report Clery data—specifically, non-degree-granting institutions and institutions outside of the 50 states and the District of Columbia—are excluded from this table. Crimes, arrests, and referrals include incidents involving students, staff, and on-campus guests. Excludes off-campus crimes and arrests even if they involve college students or staff. Detail may not sum to totals because of rounding. Some data have been revised from previously published figures.

SOURCE: U.S. Department of Education, Office of Postsecondary Education, Campus Safety and Security Reporting System, 2001 through 2015; and National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), Spring 2002 through Spring 2016, Fall Enrollment component. (This table was prepared September 2017.)

**Table 329.30. On-campus hate crimes at degree-granting postsecondary institutions, by level and control of institution, type of crime, and category of bias motivating the crime: 2009 through 2015**

Type of crime and category of bias motivating the crime <sup>1</sup>	Total, 2009	Total, 2010	Total, 2011	Total, 2012	Total, 2013	2014						2015							
						Total	4-year			2-year			Total	4-year			2-year		
							Public	Non-profit	For-profit	Public	Non-profit	For-profit		Public	Non-profit	For-profit	Public	Non-profit	For-profit
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
<b>All on-campus hate crimes</b> .....	<b>672</b>	<b>928</b>	<b>761</b>	<b>784</b>	<b>778</b>	<b>800</b>	<b>303</b>	<b>293</b>	<b>22</b>	<b>171</b>	<b>3</b>	<b>8</b>	<b>860</b>	<b>352</b>	<b>347</b>	<b>12</b>	<b>143</b>	<b>0</b>	<b>6</b>
Murder <sup>2</sup> .....	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sex offenses—forcible <sup>3</sup> .....	11	7	9	4	7	4	0	4	0	0	0	0	6	3	2	0	1	0	0
Race .....	0	0	0	1	2	1	0	1	0	0	0	0	0	0	0	0	0	0	0
Ethnicity .....	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Religion .....	0	0	2	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0
Sexual orientation .....	0	4	1	2	1	1	0	1	0	0	0	0	3	2	1	0	0	0	0
Gender .....	3	3	6	1	4	2	0	2	0	0	0	0	1	0	0	0	1	0	0
Gender identity .....	—	—	—	—	—	0	0	0	0	0	0	0	1	0	1	0	0	0	0
Disability .....	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sex offenses—nonforcible <sup>4</sup> .....	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Robbery <sup>5</sup> .....	5	2	2	5	1	2	2	0	0	0	0	0	3	3	0	0	0	0	0
Aggravated assault <sup>6</sup> .....	9	17	13	14	7	18	8	3	0	7	0	0	19	10	2	2	5	0	0
Race .....	3	6	5	6	5	5	2	0	0	3	0	0	5	1	1	0	3	0	0
Ethnicity .....	1	1	0	0	1	4	2	0	0	2	0	0	4	3	0	1	0	0	0
Religion .....	0	1	2	1	0	1	1	0	0	0	0	0	1	1	0	0	0	0	0
Sexual orientation .....	4	9	6	5	1	7	3	3	0	1	0	0	7	4	0	1	2	0	0
Gender .....	1	0	0	1	0	1	0	0	0	1	0	0	1	0	1	0	0	0	0
Gender identity .....	—	—	—	—	—	0	0	0	0	0	0	0	1	1	0	0	0	0	0
Disability .....	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Burglary <sup>7</sup> .....	8	11	8	5	4	28	24	3	0	1	0	0	4	4	0	0	0	0	0
Race .....	4	7	4	0	1	24	23	1	0	0	0	0	0	0	0	0	0	0	0
Ethnicity .....	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Religion .....	0	0	2	1	1	3	0	2	0	1	0	0	0	0	0	0	0	0	0
Sexual orientation .....	1	2	1	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0
Gender .....	1	1	1	4	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gender identity .....	—	—	—	—	—	0	0	0	0	0	0	0	4	4	0	0	0	0	0
Disability .....	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Motor vehicle theft <sup>8</sup> .....	0	0	0	0	0	0	0	0	0	0	0	0	2	0	1	0	0	0	1
Arson <sup>9</sup> .....	0	0	1	0	0	1	0	1	0	0	0	0	2	1	1	0	0	0	0
Simple assault <sup>10</sup> .....	58	67	67	79	91	63	24	25	2	11	0	1	79	26	40	0	12	0	1
Race .....	23	25	22	36	36	14	3	7	0	4	0	0	39	7	25	0	7	0	0
Ethnicity .....	5	5	10	5	5	11	4	5	0	2	0	0	6	3	3	0	0	0	0
Religion .....	1	4	8	9	6	2	2	0	0	0	0	0	9	6	2	0	1	0	0
Sexual orientation .....	18	23	16	21	27	23	9	11	0	2	0	1	18	9	8	0	1	0	0
Gender .....	7	9	8	5	17	9	4	2	1	2	0	0	2	0	0	0	1	0	1
Gender identity .....	—	—	—	—	—	3	2	0	1	0	0	0	4	1	2	0	1	0	0
Disability .....	4	1	3	3	0	1	0	0	0	1	0	0	1	0	0	0	1	0	0
Larceny <sup>11</sup> .....	10	9	15	9	15	18	2	4	3	5	1	3	25	3	21	0	1	0	0
Race .....	0	1	2	2	5	6	1	1	0	1	1	2	1	0	1	0	0	0	0
Ethnicity .....	3	3	3	2	2	1	0	0	0	0	0	1	0	0	0	0	0	0	0
Religion .....	1	1	2	2	3	3	0	3	0	0	0	0	19	1	18	0	0	0	0
Sexual orientation .....	2	1	3	3	3	1	1	0	0	0	0	0	1	0	1	0	0	0	0
Gender .....	4	3	3	0	2	7	0	0	3	4	0	0	3	1	1	0	1	0	0
Gender identity .....	—	—	—	—	—	0	0	0	0	0	0	0	1	1	0	0	0	0	0
Disability .....	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Intimidation <sup>12</sup> .....	175	260	282	265	296	341	126	120	13	78	0	4	357	143	144	7	59	0	4
Race .....	58	79	111	120	111	112	34	42	2	32	0	2	142	55	58	1	26	0	2
Ethnicity .....	23	17	22	22	49	32	12	14	1	5	0	0	40	20	10	0	10	0	0
Religion .....	20	38	24	28	25	35	16	17	1	1	0	0	47	24	17	1	5	0	0
Sexual orientation .....	57	87	91	70	68	78	37	28	1	10	0	2	74	28	31	3	12	0	0
Gender .....	13	37	31	21	37	63	23	12	7	21	0	0	34	10	20	1	1	0	2
Gender identity .....	—	—	—	—	—	14	4	6	1	3	0	0	12	5	5	0	2	0	0
Disability .....	4	2	3	4	6	7	0	1	0	6	0	0	8	1	3	1	3	0	0
Destruction, damage, and vandalism <sup>13</sup> .....	396	555	364	403	357	325	117	133	4	69	2	0	363	159	136	3	65	0	0
Race .....	174	257	166	186	147	117	43	45	0	27	2	0	151	67	54	1	29	0	0
Ethnicity .....	28	43	30	34	38	29	16	10	1	2	0	0	25	10	7	1	7	0	0
Religion .....	72	103	57	70	48	67	12	37	1	17	0	0	108	46	45	0	17	0	0
Sexual orientation .....	109	135	104	104	108	89	41	32	0	16	0	0	60	26	22	0	12	0	0
Gender .....	13	17	7	9	14	14	2	6	1	5	0	0	10	7	2	1	0	0	0
Gender identity .....	—	—	—	—	—	7	2	2	1	2	0	0	8	2	6	0	0	0	0
Disability .....	0	0	0	0	2	2	1	1	0	0	0	0	1	1	0	0	0	0	0

—Not available.

<sup>1</sup>Bias categories correspond to characteristics against which the bias is directed (i.e., race, ethnicity, religion, sexual orientation, gender, gender identity, or disability).

<sup>2</sup>Excludes suicides, fetal deaths, traffic fatalities, accidental deaths, and justifiable homicide (such as the killing of a felon by a law enforcement officer in the line of duty).

<sup>3</sup>Any sexual act directed against another person forcibly and/or against that person's will.

<sup>4</sup>Includes only statutory rape or incest.

<sup>5</sup>Taking or attempting to take anything of value using actual or threatened force or violence.

<sup>6</sup>Attack upon a person for the purpose of inflicting severe or aggravated bodily injury.

<sup>7</sup>Unlawful entry of a structure to commit a felony or theft.

<sup>8</sup>Theft or attempted theft of a motor vehicle.

<sup>9</sup>Willful or malicious burning or attempt to burn a dwelling house, public building, motor vehicle, or personal property of another.

<sup>10</sup>A physical attack by one person upon another where neither the offender displays a weapon, nor the victim suffers obvious severe or aggravated bodily injury involving apparent broken bones, loss of teeth, possible internal injury, severe laceration, or loss of consciousness.

<sup>11</sup>The unlawful taking, carrying, leading, or riding away of property from the possession of another.

<sup>12</sup>Placing another person in reasonable fear of bodily harm through the use of threatening words and/or other conduct, but without displaying a weapon or subjecting the victim to actual physical attack.

<sup>13</sup>Willfully or maliciously destroying, damaging, defacing, or otherwise injuring real or personal property without the consent of the owner or the person having custody or control of it. NOTE: Data are for degree-granting institutions, which are institutions that grant associate's or higher degrees and participate in Title IV federal financial aid programs. Some institutions that report Clery data—specifically, non-degree-granting institutions and institutions outside of the 50 states and the District of Columbia—are excluded from this table. A hate crime is a criminal offense that is motivated, in whole or in part, by the perpetrator's bias against a group of people based on their race, ethnicity, religion, sexual orientation, gender, gender identity, or disability. Includes on-campus incidents involving students, staff, and on-campus guests. Excludes off-campus crimes and arrests even if they involve college students or staff. Some data have been revised from previously published figures.

SOURCE: U.S. Department of Education, Office of Postsecondary Education, Campus Safety and Security Reporting System, 2009 through 2015. (This table was prepared September 2017.)

**Table 330.10. Average undergraduate tuition and fees and room and board rates charged for full-time students in degree-granting postsecondary institutions, by level and control of institution: Selected years, 1963–64 through 2016–17**

Year and control of institution	Constant 2016–17 dollars <sup>1</sup>												Current dollars											
	Total tuition, fees, room, and board			Tuition and required fees <sup>2</sup>			Dormitory rooms			Board <sup>3</sup>			Total tuition, fees, room, and board			Tuition and required fees <sup>2</sup>			Dormitory rooms			Board <sup>3</sup>		
	All institutions	4-year	2-year	All institutions	4-year	2-year	All institutions	4-year	2-year	All institutions	4-year	2-year	All institutions	4-year	2-year	All institutions	4-year	2-year	All institutions	4-year	2-year	All institutions	4-year	2-year
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25
<b>All institutions</b>																								
1963–64	\$9,818	\$10,119	\$6,101	\$3,999	\$4,348	\$1,347	\$2,221	\$2,192	\$1,645	\$3,598	\$3,579	\$3,108	\$1,248	\$1,286	\$775	\$508	\$553	\$171	\$282	\$279	\$209	\$457	\$455	\$395
1966–67	10,158	10,610	6,824	4,231	4,720	1,580	2,422	2,411	2,064	3,506	3,479	3,181	1,378	1,439	926	574	640	214	328	327	280	476	472	431
1967–68	10,097	10,612	7,020	4,192	4,728	1,656	2,440	2,434	2,150	3,465	3,450	3,214	1,415	1,487	984	588	663	232	342	341	301	486	483	450
1968–69	9,923	10,513	7,164	4,057	4,649	1,704	2,451	2,450	2,224	3,415	3,414	3,236	1,459	1,545	1,053	596	683	250	360	360	327	502	502	476
1969–70	10,021	10,756	6,998	4,144	4,850	1,589	2,500	2,517	2,228	3,377	3,389	3,180	1,560	1,674	1,089	645	755	247	389	392	347	526	528	495
1970–71	10,095	10,899	6,844	4,203	4,971	1,524	2,558	2,577	2,257	3,334	3,351	3,063	1,653	1,784	1,120	688	814	249	419	422	369	546	549	501
1971–72	10,204	11,072	6,910	4,268	5,103	1,479	2,624	2,644	2,305	3,313	3,325	3,125	1,730	1,878	1,172	724	865	251	445	448	391	562	564	530
1972–73	10,398	11,511	7,233	4,305	5,387	1,626	2,791	2,791	2,351	3,328	3,333	3,255	1,834	2,031	1,276	759	950	287	488	492	415	587	588	574
1973–74	9,904	10,915	7,070	4,141	5,124	1,709	2,578	2,602	2,236	3,185	3,189	3,124	1,903	2,097	1,358	796	985	328	495	500	430	612	613	600
1974–75	9,291	10,245	6,707	3,792	4,723	1,535	2,474	2,496	2,156	3,025	3,026	3,016	1,983	2,187	1,432	809	1,008	328	528	533	460	646	646	644
1975–76	9,203	10,303	6,447	3,628	4,695	1,300	2,489	2,521	2,074	3,086	3,087	3,072	2,103	2,355	1,473	829	1,073	297	569	576	474	705	706	702
1976–77	9,407	10,654	6,606	3,820	5,037	1,429	2,495	2,525	2,078	3,092	3,091	3,099	2,275	2,577	1,598	924	1,218	346	603	611	503	748	748	750
1977–78	9,340	10,557	6,600	3,814	5,003	1,465	2,500	2,533	2,033	3,026	3,021	3,101	2,411	2,725	1,703	984	1,291	378	645	654	525	781	780	801
1978–79	9,163	10,334	6,476	3,800	4,948	1,456	2,437	2,464	2,037	2,926	2,923	2,983	2,587	2,917	1,828	1,073	1,397	411	688	696	575	826	825	842
1979–80	8,780	9,899	6,187	3,635	4,729	1,410	2,347	2,373	1,963	2,798	2,797	2,815	2,809	3,167	1,979	1,163	1,513	451	751	759	628	895	895	900
1980–81	8,687	9,803	6,247	3,610	4,702	1,473	2,342	2,370	1,974	2,735	2,731	2,800	3,101	3,499	2,230	1,289	1,679	526	836	846	705	976	975	1,000
1981–82	8,997	10,187	6,383	3,756	4,918	1,520	2,449	2,479	2,043	2,792	2,790	2,820	3,489	3,951	2,476	1,457	1,907	590	950	961	793	1,083	1,082	1,094
1982–83	9,584	10,893	6,708	4,020	5,289	1,668	2,630	2,665	2,159	2,935	2,939	2,881	3,877	4,406	2,713	1,626	2,139	675	1,064	1,078	873	1,187	1,189	1,165
1983–84	9,935	11,317	6,805	4,250	5,587	1,741	2,730	2,770	2,184	2,955	2,960	2,880	4,167	4,747	2,854	1,783	2,344	730	1,145	1,162	916	1,239	1,242	1,208
1984–85	10,468	11,839	7,294	4,555	5,890	1,884	2,907	2,942	2,426	3,006	3,008	2,984	4,563	5,160	3,179	1,985	2,567	821	1,267	1,282	1,058	1,310	1,311	1,301
1985–86	10,893	12,274	7,508	4,864	6,209	1,981	2,984	3,021	2,468	3,045	3,044	3,058	4,885	5,504	3,367	2,181	2,784	888	1,338	1,355	1,107	1,365	1,365	1,372
1986–87	11,356	13,011	7,189	5,044	6,636	1,957	3,064	3,112	2,256	3,248	3,262	2,975	5,206	5,964	3,295	2,312	3,042	897	1,405	1,427	1,034	1,489	1,495	1,364
1987–88	11,509	13,139	7,885	5,149	6,705	1,695	3,116	3,176	2,131	3,244	3,258	3,009	5,494	6,272	3,263	2,458	3,201	809	1,488	1,516	1,017	1,549	1,555	1,437
1988–89	11,750	13,466	7,154	5,321	6,952	1,961	3,153	3,221	2,172	3,276	3,293	3,021	5,869	6,725	3,573	2,658	3,472	979	1,575	1,609	1,085	1,636	1,644	1,509
1989–90	11,862	13,782	7,080	5,426	7,262	1,869	3,130	3,200	2,111	3,306	3,319	3,101	6,207	7,212	3,705	2,839	3,800	978	1,638	1,675	1,105	1,730	1,737	1,622
1990–91	11,890	13,774	7,122	5,465	7,264	1,970	3,159	3,229	2,143	3,265	3,281	3,009	6,562	7,602	3,930	3,016	4,009	1,087	1,743	1,782	1,182	1,802	1,811	1,660
1991–92	12,425	14,463	7,185	5,768	7,699	2,088	3,290	3,373	2,125	3,367	3,391	2,971	7,077	8,238	4,092	3,286	4,385	1,189	1,874	1,921	1,210	1,918	1,931	1,692
1992–93	12,588	14,910	7,163	5,988	8,090	2,172	3,301	3,390	2,111	3,399	3,430	2,880	7,452	8,758	4,207	3,517	4,752	1,276	1,939	1,991	1,240	1,996	2,015	1,692
1993–94	13,162	15,428	7,383	6,352	8,495	2,321	3,414	3,503	2,211	3,397	3,430	2,851	7,931	9,296	4,449	3,827	5,119	1,399	2,057	2,111	1,332	2,047	2,067	1,718
1994–95	13,399	15,694	7,475	6,525	8,697	2,400	3,461	3,548	2,252	3,413	3,449	2,823	8,306	9,728	4,633	4,044	5,391	1,488	2,145	2,200	1,396	2,116	2,138	1,750
1995–96	13,822	16,224	7,421	6,813	9,087	2,391	3,555	3,641	2,313	3,453	3,496	2,717	8,800	10,330	4,725	4,338	5,786	1,522	2,264	2,318	1,473	2,199	2,226	1,730
1996–97	14,057	16,554	7,475	6,970	9,343	2,356	3,612	3,698	2,325	3,476	3,513	2,794	9,206	10,841	4,895	4,564	6,118	1,543	2,365	2,422	1,522	2,276	2,301	1,830
1997–98	14,384	16,919	7,789	7,133	9,527	2,542	3,667	3,761	2,397	3,584	3,630	2,850	9,588	11,277	5,192	4,755	6,351	1,695	2,444	2,507	1,598	2,389	2,419	1,900
1998–99	14,859	17,532	7,803	7,393	9,914	2,544	3,771	3,872	2,383	3,695	3,746	2,875	10,076	11,888	5,291	5,013	6,723	1,725	2,557	2,626	1,616	2,506	2,540	1,950
1999–2000	14,950	17,701	7,768	7,485	10,091	2,477	3,850	3,943	2,539	3,667	3,667	2,752	10,430	12,349	5,420	5,222	7,040	1,728	2,686	2,751	1,771	2,523	2,558	1,920
2000–01	14,995	17,909	7,576	7,452	10,216	2,353	3,910	4,009	2,468	3,633	3,684	2,754	10,820	12,922	5,466	5,377	7,372	1,698	2,821	2,893	1,781	2,521	2,658	1,987
2001–02	15,497	18,573	7,786	7,689	10,603	2,451	4,060	4,167	2,517	3,749	3,803	2,819	11,380	13,639	5,718	5,646	7,786	1,800	2,981	3,060	1,848	2,753	2,793	2,070
2002–03	16,008	19,240	8,331	7,998	11,071	2,536	4,236	4,348	2,768	3,774	3,821	3,027	12,014	14,439	6,252	6,002	8,309	1,903	3,179	3,263	2,077	2,832	2,867	2,272
2003–04	16,891	20,218	8,743	8,617	11,773	2,835	4,380	4,496	2,879	3,894	3,949	3,028	12,953	15,505	6,705	6,608	9,029	2,174	3,359	3,448	2,208	2,986	3,028	2,322
2004–05	17,460	20,899	8,982	9,016	12,286	2,959	4,521	4,636	2,979	3,924	3,977	3,043	13,793	16,510	7,095	7,122	9,706	2,338	3,572	3,662	2,354	3,100	3,142	2,404
2005–06	17,845	21,281	8,824	9,269	12,534	2,947	4,646	4,762	2,940	3,929	3,985	2,937	14,633	17,451	7,236	7,601	10,279	2,417	3,810	3,905	2,411	3,222	3,268	2,408
2006–07	18,404	21,956	8,874	9,619	12,993	2,967	4,777																	

**Table 330.10. Average undergraduate tuition and fees and room and board rates charged for full-time students in degree-granting postsecondary institutions, by level and control of institution: Selected years, 1963–64 through 2016–17—Continued**

Year and control of institution	Constant 2016–17 dollars <sup>1</sup>												Current dollars											
	Total tuition, fees, room, and board			Tuition and required fees <sup>2</sup>			Dormitory rooms			Board <sup>3</sup>			Total tuition, fees, room, and board			Tuition and required fees <sup>2</sup>			Dormitory rooms			Board <sup>3</sup>		
	All institutions	4-year	2-year	All institutions	4-year	2-year	All institutions	4-year	2-year	All institutions	4-year	2-year	All institutions	4-year	2-year	All institutions	4-year	2-year	All institutions	4-year	2-year	All institutions	4-year	2-year
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25
<b>Public institutions</b>																								
1963–64.....	7,179	7,306	4,957	1,841	1,914	763	1,965	1,994	1,353	3,373	3,398	2,840	912	929	630	234	243	97	250	253	172	429	432	361
1966–67.....	7,480	7,732	5,234	2,027	2,229	892	2,147	2,173	1,570	3,306	3,330	2,772	1,015	1,049	710	275	302	121	291	295	213	448	452	376
1967–68.....	7,531	7,767	5,630	2,019	2,212	1,027	2,214	2,236	1,734	3,298	3,319	2,868	1,055	1,089	789	283	310	144	310	313	243	462	465	402
1968–69.....	7,562	7,776	6,007	2,007	2,184	1,157	2,273	2,293	1,891	3,282	3,299	2,959	1,112	1,143	883	295	321	170	334	337	278	482	485	435
1969–70.....	7,686	7,952	6,109	2,075	2,302	1,143	2,351	2,373	1,979	3,261	3,277	2,987	1,197	1,238	951	323	358	178	366	369	308	508	510	465
1970–71.....	7,795	8,099	6,096	2,144	2,405	1,142	2,427	2,450	2,065	3,223	3,244	2,889	1,276	1,326	998	351	394	187	397	401	338	528	531	473
1971–72.....	7,943	8,284	6,327	2,217	2,522	1,132	2,511	2,534	2,158	3,215	3,227	3,037	1,347	1,405	1,073	376	428	192	426	430	366	545	547	515
1972–73.....	8,233	8,806	6,785	2,307	2,849	1,321	2,672	2,700	2,256	3,254	3,257	3,208	1,452	1,553	1,197	407	503	233	471	476	398	574	575	566
1973–74.....	7,884	8,306	6,630	2,280	2,673	1,426	2,490	2,516	2,129	3,115	3,117	3,076	1,515	1,596	1,274	438	514	274	479	483	409	598	599	591
1974–75.....	7,315	7,715	6,274	2,024	2,401	1,298	2,367	2,395	1,987	2,924	2,919	2,989	1,561	1,647	1,339	432	512	277	505	511	424	624	623	638
1975–76.....	7,276	7,786	6,064	1,895	2,372	1,072	2,377	2,414	1,934	3,004	3,000	3,058	1,663	1,780	1,386	433	542	245	543	552	442	687	686	699
1976–77.....	7,396	8,000	6,163	1,979	2,549	1,172	2,408	2,447	1,922	3,009	3,004	3,069	1,789	1,935	1,491	479	517	283	582	592	465	728	727	742
1977–78.....	7,313	7,895	6,158	1,982	2,536	1,187	2,405	2,445	1,882	2,925	2,913	3,089	1,888	2,038	1,590	512	655	306	621	631	486	755	752	797
1978–79.....	7,062	7,598	5,990	1,923	2,436	1,159	2,320	2,352	1,866	2,820	2,809	2,964	1,994	2,145	1,691	543	688	327	655	664	527	796	793	837
1979–80.....	6,767	7,275	5,693	1,824	2,305	1,109	2,235	2,267	1,793	2,709	2,703	2,791	2,165	2,327	1,822	583	738	355	715	725	574	867	865	893
1980–81.....	6,648	7,144	5,678	1,778	2,251	1,096	2,237	2,272	1,798	2,633	2,621	2,785	2,373	2,550	2,027	635	804	391	799	811	642	940	936	994
1981–82.....	6,866	7,402	5,734	1,840	2,345	1,120	2,345	2,386	1,814	2,680	2,671	2,801	2,663	2,871	2,224	714	909	434	909	925	703	1,039	1,036	1,086
1982–83.....	7,280	7,902	5,908	1,973	2,550	1,169	2,498	2,547	1,867	2,809	2,804	2,872	2,945	3,196	2,390	798	1,031	473	1,010	1,030	755	1,136	1,134	1,162
1983–84.....	7,524	8,184	6,041	2,125	2,736	1,259	2,591	2,646	1,909	2,807	2,802	2,873	3,156	3,433	2,534	891	1,148	528	1,087	1,110	801	1,178	1,175	1,205
1984–85.....	7,819	8,446	6,440	2,227	2,817	1,340	2,744	2,791	2,112	2,848	2,838	2,988	3,408	3,682	2,807	971	1,228	584	1,196	1,217	921	1,241	1,237	1,302
1985–86.....	7,964	8,604	6,647	2,330	2,938	1,429	2,769	2,816	2,141	2,865	2,857	3,077	3,571	3,859	2,981	1,045	1,318	641	1,242	1,263	960	1,285	1,278	1,380
1986–87.....	8,301	9,026	6,520	2,413	3,084	1,441	2,838	2,895	2,136	3,050	3,057	2,944	3,805	4,138	2,989	1,106	1,414	660	1,301	1,323	979	1,398	1,401	1,449
1987–88.....	8,483	9,223	6,422	2,552	3,220	1,479	2,887	2,953	1,975	3,045	3,050	2,968	4,050	4,403	3,066	1,218	1,537	706	1,378	1,410	943	1,454	1,456	1,417
1988–89.....	8,558	9,367	6,373	2,572	3,296	1,462	2,917	2,995	1,931	3,069	3,076	2,980	4,274	4,678	3,183	1,285	1,646	730	1,457	1,496	965	1,533	1,536	1,488
1989–90.....	8,607	9,508	6,305	2,591	3,401	1,445	2,892	2,976	1,838	3,124	3,131	3,022	4,504	4,975	3,299	1,356	1,780	756	1,513	1,557	962	1,635	1,638	1,581
1990–91.....	8,619	9,500	6,283	2,635	3,421	1,493	2,921	3,002	1,902	3,064	3,077	2,888	4,757	5,243	3,467	1,454	1,888	824	1,612	1,657	1,050	1,691	1,698	1,594
1991–92.....	9,022	9,996	6,361	2,858	3,717	1,644	3,039	3,133	1,886	3,125	3,146	2,830	5,138	5,693	3,623	1,628	2,117	936	1,731	1,785	1,074	1,780	1,792	1,612
1992–93.....	9,157	10,249	6,468	3,033	3,999	1,745	2,990	3,092	1,883	3,134	3,157	2,839	5,379	6,020	3,799	1,782	2,349	1,025	1,756	1,816	1,106	1,841	1,854	1,668
1993–94.....	9,450	10,563	6,631	3,223	4,210	1,866	3,108	3,209	1,975	3,119	3,144	2,790	5,694	6,365	3,996	1,942	2,537	1,125	1,873	1,934	1,190	1,880	1,895	1,681
1994–95.....	9,623	10,761	6,674	3,318	4,325	1,924	3,161	3,263	1,987	3,144	3,173	2,763	5,965	6,670	4,137	2,057	2,681	1,192	1,959	2,023	1,232	1,949	1,967	1,712
1995–96.....	9,825	11,016	6,623	3,422	4,472	1,947	3,231	3,331	2,036	3,172	3,212	2,640	6,256	7,014	4,217	2,179	2,848	1,239	2,057	2,121	1,297	2,020	2,045	1,681
1996–97.....	9,971	11,200	6,725	3,469	4,562	1,948	3,280	3,380	2,045	3,223	3,258	2,732	6,530	7,334	4,404	2,271	2,987	1,276	2,148	2,214	1,339	2,111	2,133	1,789
1997–98.....	10,222	11,512	6,765	3,541	4,665	1,971	3,338	3,452	2,101	3,342	3,395	2,692	6,813	7,673	4,509	2,360	3,110	1,314	2,225	2,301	1,401	2,228	2,263	1,795
1998–99.....	10,481	11,838	6,790	3,584	4,762	1,956	3,436	3,553	2,138	3,461	3,523	2,695	7,107	8,027	4,604	2,430	3,229	1,327	2,330	2,409	1,450	2,347	2,389	1,828
1999–2000.....	10,475	11,860	6,780	3,588	4,800	1,932	3,497	3,611	2,220	3,389	3,449	2,628	7,308	8,274	4,730	2,504	3,349	1,348	2,440	2,519	1,549	2,364	2,406	1,834
2000–01.....	10,514	11,993	6,706	3,551	4,851	1,847	3,560	3,678	2,218	3,403	3,463	2,641	7,586	8,653	4,839	2,562	3,501	1,333	2,569	2,654	1,600	2,455	2,499	1,906
2001–02.....	10,924	12,523	6,996	3,677	5,086	1,879	3,708	3,835	2,345	3,538	3,601	2,772	8,022	9,196	5,137	2,700	3,735	1,380	2,723	2,816	1,722	2,598	2,645	2,036
2002–03.....	11,328	13,042	7,464	3,868	5,391	1,976	3,904	4,036	2,604	3,556	3,614	2,884	8,502	9,787	5,601	2,903	4,046	1,483	2,930	3,029	1,954	2,669	2,712	2,164
2003–04.....	12,057	13,919	7,840	4,327	5,981	2,219	4,050	4,188	2,724	3,680	3,750	2,896	9,247	10,674	6,012	3,319	4,587	1,702	3,106	3,212	2,089	2,822	2,876	2,221
2004–05.....	12,487	14,463	8,070	4,594	6,363	2,340	4,183	4,327	2,752	3,710	3,773	2,978	9,864	11,426	6,375	3,629	5,027	1,849	3,304	3,418	2,174	2,931	2,981	2,353
2005–06.....	12,748	14,765	7,916	4,723	6,525	2,360	4,323	4,468	2,745	3,702	3,772	2,812	10,454	12,108	6,492	3,874	5,351	1,935	3,545	3,664	2,251	3,035	3,093	2,306
2006–07.....	13,134	15,212	8,101	4,876	6,735	2,398	4,466	4,610	2,862	3,793														

**Table 330.10. Average undergraduate tuition and fees and room and board rates charged for full-time students in degree-granting postsecondary institutions, by level and control of institution: Selected years, 1963–64 through 2016–17—Continued**

Year and control of institution	Constant 2016–17 dollars <sup>1</sup>												Current dollars											
	Total tuition, fees, room, and board			Tuition and required fees <sup>2</sup>			Dormitory rooms			Board <sup>3</sup>			Total tuition, fees, room, and board			Tuition and required fees <sup>2</sup>			Dormitory rooms			Board <sup>3</sup>		
	All institutions	4-year	2-year	All institutions	4-year	2-year	All institutions	4-year	2-year	All institutions	4-year	2-year	All institutions	4-year	2-year	All institutions	4-year	2-year	All institutions	4-year	2-year	All institutions	4-year	2-year
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25
<b>Private nonprofit and for-profit institutions</b>																								
1963–64.....	14,280	14,238	10,330	7,962	7,953	5,051	2,486	2,460	1,920	3,832	3,825	3,360	1,815	1,810	1,313	1,012	1,011	642	316	313	244	487	486	427
1966–67.....	15,658	15,692	12,377	9,089	9,151	6,229	2,838	2,813	2,558	3,730	3,729	3,590	2,124	2,129	1,679	1,233	1,241	845	385	382	347	506	506	487
1967–68.....	15,733	15,865	12,572	9,254	9,398	6,365	2,797	2,785	2,612	3,682	3,682	3,596	2,205	2,223	1,762	1,297	1,317	892	392	390	366	516	516	504
1968–69.....	15,791	16,029	12,763	9,409	9,641	6,504	2,749	2,752	2,660	3,633	3,636	3,599	2,321	2,356	1,876	1,383	1,417	956	404	405	391	534	534	529
1969–70.....	16,236	16,437	12,802	9,848	10,033	6,642	2,789	2,798	2,653	3,600	3,606	3,507	2,527	2,559	1,993	1,533	1,562	1,034	434	436	413	560	561	546
1970–71.....	16,670	16,826	12,846	10,287	10,423	6,774	2,824	2,835	2,651	3,559	3,568	3,421	2,729	2,754	2,103	1,684	1,706	1,109	462	462	434	583	584	560
1971–72.....	17,115	17,211	12,891	10,732	10,804	6,911	2,863	2,876	2,648	3,519	3,531	3,332	2,902	2,919	2,186	1,820	1,832	1,172	486	488	449	597	599	565
1972–73.....	17,210	17,523	12,884	10,759	11,044	6,921	2,964	2,985	2,590	3,487	3,494	3,373	3,036	3,091	2,273	1,898	1,948	1,221	527	527	457	615	616	595
1973–74.....	16,458	16,768	12,543	10,352	10,641	6,781	2,769	2,784	2,514	3,338	3,343	3,248	3,162	3,222	2,410	1,989	2,045	1,303	532	535	483	641	642	624
1974–75.....	15,874	15,949	12,139	9,919	9,981	6,405	2,708	2,712	2,642	3,247	3,256	3,092	3,388	3,404	2,591	2,117	2,130	1,367	578	579	564	693	695	660
1975–76.....	15,945	16,052	11,862	9,941	10,025	6,244	2,737	2,750	2,503	3,268	3,277	3,115	3,644	3,669	2,711	2,272	2,291	1,427	629	629	572	747	749	712
1976–77.....	16,149	16,442	12,283	10,198	10,477	6,562	2,683	2,693	2,511	3,268	3,272	3,190	3,906	3,977	2,971	2,467	2,534	1,592	649	651	607	790	791	772
1977–78.....	16,110	16,427	12,196	10,165	10,462	6,608	2,705	2,720	2,446	3,241	3,246	3,142	4,158	4,240	3,148	2,624	2,700	1,706	698	702	631	836	838	858
1978–79.....	15,991	16,329	12,006	10,158	10,478	6,485	2,684	2,696	2,480	3,149	3,154	3,041	4,514	4,609	3,389	2,867	2,958	1,831	758	761	700	889	890	858
1979–80.....	15,355	15,668	11,725	9,784	10,080	6,444	2,586	2,597	2,395	2,985	2,990	2,886	4,912	5,013	3,751	3,130	3,225	2,062	827	831	766	955	957	923
1980–81.....	15,323	15,669	12,053	9,798	10,132	6,759	2,570	2,579	2,441	2,954	2,959	2,853	5,470	5,594	4,303	3,498	3,617	2,413	918	921	871	1,054	1,056	1,019
1981–82.....	15,898	16,321	12,238	10,192	10,606	6,716	2,675	2,678	2,636	3,031	3,037	2,886	6,166	6,330	4,746	3,953	4,113	2,605	1,038	1,039	1,022	1,175	1,178	1,119
1982–83.....	17,108	17,618	13,262	10,974	11,469	7,437	2,920	2,921	2,911	3,214	3,228	2,915	6,920	7,126	5,364	4,439	4,639	3,008	1,181	1,181	1,177	1,300	1,306	1,179
1983–84.....	17,900	18,499	13,282	11,564	12,142	7,388	3,046	3,050	2,987	3,290	3,307	2,906	7,508	7,759	5,571	4,851	5,093	3,099	1,278	1,279	1,253	1,380	1,387	1,219
1984–85.....	18,818	19,388	14,232	12,193	12,747	7,995	3,271	3,272	3,267	3,354	3,370	2,969	8,202	8,451	6,203	5,315	5,556	3,485	1,426	1,426	1,424	1,462	1,469	1,294
1985–86.....	19,812	20,578	14,521	12,909	13,649	8,188	3,464	3,472	3,345	3,439	3,458	2,988	8,885	9,228	6,512	5,789	6,121	3,672	1,553	1,557	1,500	1,542	1,551	1,340
1986–87.....	21,109	21,901	13,926	13,778	14,525	8,036	3,618	3,651	2,762	3,713	3,725	3,128	9,676	10,039	6,384	6,316	6,658	3,684	1,658	1,673	1,266	1,702	1,708	1,434
1987–88.....	22,019	22,328	14,826	14,639	14,906	8,716	3,661	3,687	2,891	3,719	3,735	3,219	10,512	10,659	7,078	6,988	7,116	4,161	1,748	1,760	1,380	1,775	1,783	1,537
1988–89.....	22,404	22,974	15,952	14,939	15,461	9,646	3,702	3,731	3,084	3,763	3,783	3,222	11,189	11,474	7,967	7,461	7,722	4,817	1,849	1,863	1,540	1,880	1,889	1,609
1989–90.....	22,968	23,475	16,569	15,570	16,046	9,930	3,675	3,698	3,178	3,723	3,732	3,461	12,018	12,284	8,670	8,147	8,396	5,196	1,923	1,935	1,663	1,948	1,953	1,811
1990–91.....	23,392	23,986	16,856	15,895	16,457	10,093	3,739	3,764	3,160	3,758	3,764	3,603	12,910	13,237	9,302	8,772	9,083	5,570	2,063	2,077	1,744	2,074	2,077	1,989
1991–92.....	24,391	25,032	16,912	16,538	17,135	10,103	3,900	3,934	3,140	3,953	3,963	3,669	13,892	14,258	9,632	9,419	9,759	5,754	2,221	2,241	1,788	2,252	2,257	2,090
1992–93.....	24,915	25,554	16,861	16,926	17,525	10,315	3,998	4,021	3,354	3,991	4,008	3,192	14,634	15,009	9,903	9,942	10,294	6,059	2,348	2,362	1,970	2,344	2,354	1,875
1993–94.....	25,716	26,393	17,270	17,544	18,176	10,571	4,132	4,160	3,430	4,039	4,058	3,269	15,496	15,904	10,406	10,572	10,952	6,370	2,490	2,506	2,067	2,434	2,445	1,970
1994–95.....	26,147	26,784	18,022	17,925	18,522	11,155	4,174	4,196	3,603	4,047	4,065	3,263	16,207	16,602	11,170	11,111	11,481	6,914	2,587	2,601	2,233	2,509	2,520	2,023
1995–96.....	27,027	27,661	18,161	18,634	19,229	11,143	4,300	4,321	3,724	4,093	4,111	3,295	17,208	17,612	11,563	11,864	12,243	7,094	2,738	2,751	2,371	2,606	2,617	2,098
1996–97.....	27,546	28,162	18,255	19,085	19,670	11,050	4,394	4,411	3,875	4,067	4,080	3,330	18,039	18,442	11,954	12,498	12,881	7,236	2,878	2,889	2,537	2,663	2,672	2,181
1997–98.....	27,779	28,610	19,385	19,204	20,020	11,198	4,431	4,447	4,009	4,144	4,143	3,478	18,516	19,070	12,921	12,801	13,344	7,464	2,954	2,964	2,672	2,762	2,761	2,785
1998–99.....	28,563	29,390	19,642	19,803	20,606	11,582	4,534	4,559	3,807	4,226	4,255	4,254	19,368	19,929	13,319	13,428	13,973	7,854	3,075	3,091	2,581	2,865	2,865	2,884
1999–2000.....	28,973	29,723	20,132	20,211	20,950	11,789	4,639	4,646	4,397	4,124	4,127	3,946	20,213	20,737	14,045	14,100	14,616	8,225	3,236	3,242	3,067	2,877	2,879	2,753
2000–01.....	29,621	30,290	20,660	20,789	21,440	12,565	4,687	4,701	4,166	4,145	4,148	3,928	21,373	21,856	14,907	15,000	15,470	9,067	3,382	3,392	3,006	2,991	2,993	2,834
2001–02.....	30,522	31,179	21,550	21,437	22,075	13,721	4,858	4,870	4,243	4,227	4,234	3,986	22,413	22,896	15,825	15,742	16,211	9,076	3,567	3,576	3,116	3,104	3,109	2,930
2002–03.....	31,101	31,696	22,656	22,830	23,420	14,192	5,000	5,016	4,307	4,271	4,260	4,157	23,340	23,787	17,753	16,383	16,826	10,651	3,732	3,764	3,292	3,206	3,197	3,070
2003–04.....	32,109	32,690	23,503	22,578	23,162	15,055	5,144	5,154	4,669	4,386	4,374	5,779	24,624	25,070	19,558	17,315	17,763	11,545	3,945	3,952	3,581	3,364	3,354	4,432
2004–05.....	32,680	33,241	25,694	22,980	23,550	15,345	5,289	5,282	5,665	4,412	4,410	4,684	25,817	26,260	20,297	18,154	18,604	12,122	4,178	4,173	4,475	3,485	3,483	3,700
2005–06.....	32,812	33,330																						

**Table 330.10. Average undergraduate tuition and fees and room and board rates charged for full-time students in degree-granting postsecondary institutions, by level and control of institution: Selected years, 1963–64 through 2016–17—Continued**

Year and control of institution	Constant 2016–17 dollars <sup>1</sup>												Current dollars												
	Total tuition, fees, room, and board			Tuition and required fees <sup>2</sup>			Dormitory rooms			Board <sup>3</sup>			Total tuition, fees, room, and board			Tuition and required fees <sup>2</sup>			Dormitory rooms			Board <sup>3</sup>			
	All institutions	4-year	2-year	All institutions	4-year	2-year	All institutions	4-year	2-year	All institutions	4-year	2-year	All institutions	4-year	2-year	All institutions	4-year	2-year	All institutions	4-year	2-year	All institutions	4-year	2-year	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	
<b>Nonprofit</b>																									
1999–2000 .....	30,085	30,432	16,753	21,372	21,689	9,880	4,592	4,616	3,032	4,121	4,127	3,842	20,989	21,231	11,688	14,911	15,131	6,893	3,204	3,221	2,115	2,875	2,879	2,680	
2000–01 .....	30,398	30,725	16,238	21,614	21,913	9,657	4,639	4,664	2,783	4,145	4,148	3,798	21,934	22,170	11,717	15,596	15,811	6,968	3,347	3,365	2,008	2,991	2,993	2,740	
2001–02 .....	31,429	31,671	17,662	22,388	22,610	11,066	4,815	4,827	3,138	4,227	4,234	3,458	23,080	23,257	12,970	16,440	16,604	7,126	3,536	3,544	2,304	3,104	3,109	2,540	
2002–03 .....	32,348	32,574	19,243	23,130	23,342	11,868	4,960	4,972	3,526	4,257	4,260	3,849	24,276	24,446	14,442	17,359	17,517	8,907	3,731	3,731	2,646	3,195	3,197	2,889	
2003–04 .....	33,492	33,711	20,302	24,030	24,233	12,501	5,095	5,104	3,721	4,367	4,374	4,080	25,685	25,853	15,569	18,429	18,584	9,587	3,907	3,915	2,853	3,349	3,354	3,129	
2004–05 .....	34,284	34,501	20,135	24,682	24,877	12,544	5,206	5,215	3,708	4,395	4,410	3,883	27,083	27,255	15,906	19,498	19,652	9,910	4,113	4,119	2,929	3,472	3,483	3,067	
2005–06 .....	34,778	34,988	19,912	25,081	25,281	12,582	5,262	5,272	3,679	4,435	4,435	3,651	28,520	28,692	16,329	20,568	20,732	10,318	4,315	4,323	3,017	3,637	3,637	2,994	
2006–07 .....	35,857	36,041	21,017	25,963	26,144	12,999	5,388	5,394	4,251	4,506	4,503	3,767	30,165	30,320	17,681	21,841	21,994	10,936	4,532	4,537	3,576	3,791	3,788	3,169	
2007–08 .....	36,588	36,736	21,614	26,594	26,739	13,513	5,416	5,422	4,351	4,578	4,575	3,751	31,921	32,050	18,857	23,201	23,328	11,789	4,725	4,730	3,796	3,994	3,991	3,272	
2008–09 .....	38,072	38,213	22,915	27,697	27,850	14,247	5,603	5,609	4,396	4,771	4,754	4,272	33,679	33,804	20,271	24,502	24,636	12,603	4,957	4,962	3,889	4,221	4,206	3,779	
2009–10 .....	39,096	39,233	23,238	28,433	28,589	14,147	5,792	5,798	4,609	4,871	4,847	4,482	34,920	35,042	20,756	25,396	25,535	12,636	5,173	5,178	4,116	4,351	4,329	4,004	
2010–11 .....	39,845	39,969	22,052	29,021	29,175	13,904	5,925	5,932	4,368	4,900	4,862	3,779	36,304	36,416	20,092	26,441	26,581	12,668	5,398	5,404	3,980	4,464	4,430	4,444	
2011–12 .....	40,205	40,344	24,446	29,263	29,447	15,012	6,001	6,007	4,565	4,942	4,890	4,870	37,705	37,835	22,928	27,443	27,616	14,078	5,628	5,633	4,281	4,634	4,586	4,567	
2012–13 .....	41,084	41,219	23,230	29,862	30,148	14,458	6,124	6,129	4,620	4,959	4,942	4,151	39,171	39,299	22,149	28,566	28,743	13,785	5,838	5,844	4,405	4,766	4,712	4,528	
2013–14 .....	41,966	42,064	23,754	30,643	30,799	14,461	6,235	6,240	4,950	5,089	5,025	4,343	40,636	40,731	23,001	29,671	29,823	14,003	6,037	6,042	4,793	4,928	4,866	4,206	
2014–15 .....	43,029	43,126	24,178	31,416	31,566	14,654	6,407	6,412	5,165	5,206	5,148	4,359	41,969	42,063	23,582	30,641	30,789	14,293	6,249	6,254	5,038	5,078	5,021	4,252	
2015–16 .....	43,869	43,997	24,797	31,987	32,159	14,995	6,611	6,616	5,478	5,271	5,222	4,324	43,077	43,202	24,349	31,409	31,578	14,724	6,491	6,497	5,379	5,176	5,128	4,246	
2016–17 .....	44,551	44,702	25,252	32,556	32,720	15,293	6,704	6,709	5,609	5,291	5,273	4,350	44,551	44,702	25,252	32,556	32,720	15,293	6,704	6,709	5,609	5,291	5,273	4,350	
<b>For-profit</b>																									
1999–2000 .....	23,112	23,718	22,552	12,480	12,414	12,564	6,087	6,638	5,607	4,545	4,666	4,381	16,124	16,547	15,734	8,707	8,661	8,766	4,247	4,631	3,912	3,171	3,255	3,056	
2000–01 .....	24,513	25,251	23,645	14,125	14,428	13,783	6,246	6,874	5,481	4,142	3,948	4,381	17,688	18,220	17,061	10,192	10,411	9,945	4,507	4,960	3,955	2,988	2,849	3,161	
2001–02 .....	25,297	26,925	23,091	14,788	15,073	14,475	6,304	7,349	4,874	4,204	4,503	3,742	18,576	19,772	16,956	10,860	11,069	10,629	4,629	5,396	3,579	3,087	3,307	2,748	
2002–03 .....	26,242	26,702	25,856	15,070	15,199	14,829	6,100	7,174	4,703	5,071	4,329	3,323	19,694	20,039	19,404	11,310	11,407	11,129	4,578	5,384	3,530	3,806	3,249	4,746	
2003–04 .....	28,455	28,534	29,171	16,010	16,167	15,679	6,640	7,503	5,205	5,804	4,864	8,287	21,822	21,883	22,371	12,278	12,398	12,024	5,092	5,754	3,992	4,451	3,730	6,355	
2004–05 .....	29,239	29,640	28,295	16,502	16,706	15,959	7,159	7,422	6,518	5,579	5,512	5,818	23,098	23,415	22,353	13,036	13,197	12,607	5,655	5,863	5,149	4,407	4,355	4,596	
2005–06 .....	28,726	28,321	31,303	16,142	16,236	15,802	7,420	7,908	5,825	5,164	4,178	9,676	23,557	23,225	25,670	13,237	13,315	12,959	6,085	6,485	4,776	4,235	3,426	7,935	
2006–07 .....	28,535	29,372	25,260	16,971	17,346	15,554	7,375	7,890	5,308	4,188	4,136	4,398	24,005	24,710	21,250	14,277	14,593	13,085	6,205	6,638	4,466	3,523	3,479	3,700	
2007–08 .....	28,364	28,751	26,961	16,515	16,785	15,316	7,388	7,772	5,617	4,461	4,193	6,027	24,745	25,083	23,522	14,409	14,644	13,363	6,445	6,781	4,901	3,892	3,658	5,258	
2008–09 .....	27,495	27,636	27,886	16,175	16,304	15,515	7,022	7,282	5,538	4,298	4,050	6,832	24,322	24,447	24,669	14,309	14,423	13,725	6,212	6,441	4,899	3,802	3,583	6,044	
2009–10 .....	27,003	26,741	29,079	15,707	15,416	16,941	6,989	7,089	6,363	4,307	4,236	5,775	24,118	23,885	25,973	14,029	13,769	15,132	6,242	6,332	5,683	3,847	3,783	5,158	
2010–11 .....	25,224	25,106	28,302	15,079	15,066	15,138	5,992	6,013	5,846	4,152	4,027	7,318	22,982	22,875	25,787	13,739	13,727	13,792	5,460	5,479	5,327	3,783	3,669	6,668	
2011–12 .....	24,495	24,443	25,043	14,663	14,621	14,868	5,926	5,919	6,000	3,906	3,903	4,175	22,972	22,923	23,486	13,751	13,712	13,944	5,558	5,551	5,627	3,663	3,660	3,915	
2012–13 .....	24,297	24,216	25,189	14,443	14,360	14,906	6,021	6,028	5,946	3,833	3,829	4,337	23,165	23,088	24,016	13,770	13,691	14,212	5,740	5,747	5,669	3,655	3,651	4,135	
2013–14 .....	23,894	23,801	25,143	14,241	14,163	14,660	5,993	5,984	6,083	3,660	3,654	4,399	23,137	23,047	24,346	13,789	13,714	14,196	5,803	5,795	5,891	3,544	3,538	4,260	
2014–15 .....	23,963	23,865	26,277	14,325	14,276	14,616	5,942	5,944	5,926	3,696	3,644	5,735	23,373	23,277	25,629	13,972	13,924	14,256	5,796	5,798	5,780	3,605	3,554	5,594	
2015–16 .....	24,214	24,159	24,758	14,454	14,411	14,743	5,957	5,949	6,037	3,804	3,799	3,977	23,777	23,722	24,310	14,193	14,150	14,477	5,849	5,842	5,928	3,735	3,731	3,905	
2016–17 .....	25,431	25,532	25,027	14,419	14,423	14,397	6,889	6,996	6,290	4,123	4,113	4,340	25,431	25,532	25,027	14,419	14,423	14,397	6,889	6,996	6,290	4,123	4,113	4,340	

<sup>1</sup>Constant dollars based on the Consumer Price Index, prepared by the Bureau of Labor Statistics, U.S. Department of Labor, adjusted to an academic-year basis.

<sup>2</sup>For public institutions, in-state tuition and required fees are used.

<sup>3</sup>Data for 1986–87 and later years reflect a basis of 20 meals per week, while data for earlier years are for meals served 7 days a week (the number of meals per day was not specified). Because of this revision in data collection and tabulation procedures, data are not entirely comparable with figures for previous years. In particular, data on board rates are somewhat higher than in earlier years because they reflect the basis of 20 meals per week rather than meals served 7 days a week. Since many institutions serve fewer than 3 meals each day, the 1986–87 and later data reflect a more accurate accounting of total board costs.

<sup>4</sup>Room and board data are estimated.

NOTE: Data are for the entire academic year and are average charges for full-time students. Tuition and fees were weighted by the number of full-time-equivalent undergraduates, but were not adjusted to reflect student residency. Room and board are based on

full-time students. Data through 1995–96 are for institutions of higher education, while later data are for degree-granting institutions. Degree-granting institutions grant associate's or higher degrees and participate in Title IV federal financial aid programs. The degree-granting classification is very similar to the earlier higher education classification, but it includes more 2-year colleges and excludes a few higher education institutions that did not grant degrees. Some data have been revised from previously published figures. Detail may not sum to totals because of rounding.

SOURCE: U.S. Department of Education, National Center for Education Statistics, *Projections of Education Statistics to 1986–87*;

**Table 330.20. Average undergraduate tuition and fees and room and board rates charged for full-time students in degree-granting postsecondary institutions, by control and level of institution and state or jurisdiction: 2015–16 and 2016–17**  
[In current dollars]

State or jurisdiction	Public 4-year							Private 4-year						Public 2-year, tuition and required fees		
	In-state, 2015–16		In-state, 2016–17			Out-of- state tuition and required fees, 2016–17	2015–16		2016–17				In-state, 2015–16	In-state, 2016–17	Out-of- state, 2016–17	
	Total	Tuition and required fees	Total	Tuition and required fees	Room		Board	Total	Tuition and required fees	Total	Tuition and required fees	Room				Board
						9							10	11	12	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
<b>United States .....</b>	<b>\$19,204</b>	<b>\$8,778</b>	<b>\$19,488</b>	<b>\$8,804</b>	<b>\$6,017</b>	<b>\$4,666</b>	<b>\$24,854</b>	<b>\$39,534</b>	<b>\$27,942</b>	<b>\$41,468</b>	<b>\$29,478</b>	<b>\$6,717</b>	<b>\$5,273</b>	<b>\$3,038</b>	<b>\$3,156</b>	<b>\$7,668</b>
Alabama .....	18,529	9,179	19,052	9,466	5,386	4,200	24,000	24,658	15,359	24,710	15,422	4,677	4,611	4,289	4,362	9,075
Alaska .....	16,719	6,880	17,370	7,210	5,830	4,330	21,431	26,388	19,956	26,132	18,876	3,623	3,632	3,340	3,820	3,820
Arizona .....	20,640	9,884	21,491	10,057	6,697	4,737	25,061	22,255	12,663	22,559	13,140	5,100	4,319	2,061	2,129	7,931
Arkansas .....	15,990	7,577	16,871	7,924	4,959	3,989	19,323	28,836	20,936	29,804	21,710	4,100	3,994	3,105	3,195	4,582
California .....	22,172	9,070	21,356	7,896	7,532	5,928	28,253	41,194	29,522	44,722	31,495	7,467	5,759	1,246	1,262	7,120
Colorado .....	20,605	9,128	20,943	9,352	5,672	5,919	28,986	33,664	22,331	34,337	22,627	6,827	4,883	3,630	3,565	10,152
Connecticut .....	23,380	11,110	24,174	11,726	6,715	5,733	32,836	51,587	37,679	53,198	38,975	8,110	6,113	4,039	4,189	12,528
Delaware .....	23,566	11,670	21,698	9,578	7,259	4,862	28,497	25,511	14,200	25,996	14,383	5,798	5,815	3,215	†	†
District of Columbia .....	†	5,251	†	5,612	†	†	11,756	53,592	38,899	55,669	40,618	9,649	5,402	†	†	†
Florida .....	14,470	4,438	14,806	4,435	5,860	4,512	18,304	33,966	22,778	35,876	24,360	6,473	5,042	2,387	2,552	9,122
Georgia .....	17,303	7,011	17,353	7,010	6,043	4,300	21,377	37,471	25,754	39,118	27,220	6,618	5,279	3,181	2,895	7,958
Hawaii .....	20,121	9,263	21,016	9,712	5,756	5,547	30,929	27,899	15,561	28,393	15,949	5,444	6,999	2,935	3,080	8,216
Idaho .....	14,127	6,915	14,457	7,005	3,582	3,870	21,370	13,088	6,006	13,010	5,925	2,733	4,352	3,108	3,227	7,589
Illinois .....	24,113	13,387	24,541	13,636	5,975	4,930	28,167	41,344	29,638	43,382	31,298	6,986	5,097	3,692	3,749	10,748
Indiana .....	18,730	8,745	19,001	8,876	5,419	4,705	28,315	41,400	30,533	41,847	30,926	5,684	5,237	4,115	4,175	8,052
Iowa .....	16,748	7,879	17,604	8,361	5,236	4,007	24,912	34,149	25,308	35,780	26,742	4,391	4,648	4,478	4,791	6,406
Kansas .....	16,793	8,011	17,560	8,489	4,669	4,402	22,000	26,117	17,827	28,746	20,291	4,046	4,408	3,202	3,222	4,548
Kentucky .....	18,718	9,490	19,673	10,014	5,547	4,112	23,539	32,998	24,259	34,893	25,845	4,623	4,426	3,650	3,962	13,321
Louisiana .....	17,297	8,162	18,319	8,813	5,700	3,806	22,771	44,662	32,732	47,559	35,190	6,798	5,571	3,921	4,031	6,496
Maine .....	18,786	9,187	19,073	9,219	4,937	4,917	26,004	46,583	34,277	48,107	35,547	6,290	6,270	3,648	3,673	6,494
Maryland .....	20,084	8,942	20,647	9,083	6,600	4,964	22,437	52,020	38,352	53,775	40,209	7,767	5,798	3,810	3,983	9,170
Massachusetts .....	23,402	11,670	24,473	12,331	7,528	4,614	28,740	55,060	40,772	57,363	42,655	8,448	6,260	4,559	4,785	9,785
Michigan .....	21,400	11,708	21,832	11,890	4,936	5,006	36,714	31,058	22,067	33,498	24,058	4,543	4,897	3,181	3,423	6,474
Minnesota .....	19,275	10,701	19,727	10,863	4,772	4,072	19,088	38,956	29,194	40,939	30,925	5,237	4,777	5,332	5,310	6,053
Mississippi .....	16,451	7,175	16,843	7,472	5,539	3,833	19,138	24,408	16,450	24,698	16,949	4,036	3,713	2,642	2,830	5,176
Missouri .....	17,429	8,178	17,639	8,176	5,844	3,619	18,940	31,699	22,416	33,433	23,702	5,511	4,221	3,016	3,028	5,737
Montana .....	14,862	6,443	15,241	6,503	4,019	4,719	22,956	31,248	22,961	32,375	23,657	4,139	4,579	3,310	3,381	8,210
Nebraska .....	16,769	7,446	17,379	7,732	5,297	4,350	19,483	29,876	21,640	32,200	23,109	4,751	4,340	2,852	2,991	3,941
Nevada .....	15,581	5,298	17,145	5,520	5,661	5,964	20,672	32,293	18,818	35,053	21,423	7,295	6,335	2,805	2,910	9,555
New Hampshire .....	26,015	14,985	26,968	15,491	6,838	4,639	27,201	44,986	32,003	46,533	33,235	8,302	4,996	6,996	7,002	15,157
New Jersey .....	25,563	13,021	26,070	13,297	7,856	4,917	28,051	46,852	34,040	48,439	35,224	7,634	5,580	4,223	4,366	7,692
New Mexico .....	15,047	6,262	15,528	6,825	4,429	4,275	17,272	30,390	20,526	32,373	22,535	5,539	4,299	1,553	1,590	4,749
New York .....	21,505	7,647	21,750	7,709	9,099	4,942	21,454	50,309	36,361	51,790	37,580	8,664	5,546	4,969	5,122	8,857
North Carolina .....	16,379	6,944	16,635	7,218	5,409	4,008	23,778	40,546	29,307	42,312	30,701	5,993	5,618	2,391	2,470	8,481
North Dakota .....	14,864	7,208	15,388	7,376	3,205	4,806	18,288	20,103	13,883	20,964	14,290	2,997	3,677	4,506	4,562	9,484
Ohio .....	20,964	9,775	20,961	9,827	6,306	4,827	23,434	39,463	28,953	40,980	30,296	5,567	5,118	3,642	3,655	5,721
Oklahoma .....	14,689	6,680	15,754	7,219	4,579	3,957	19,174	32,314	23,657	33,883	24,776	4,545	4,562	3,349	3,627	8,582
Oregon .....	20,524	9,406	21,324	9,739	6,828	4,757	29,330	46,274	35,031	48,703	37,088	6,048	5,566	4,148	4,263	8,410
Pennsylvania .....	24,250	13,516	25,331	14,068	6,545	4,719	26,328	49,907	37,236	52,132	39,185	7,076	5,870	4,794	5,048	12,833
Rhode Island .....	22,722	11,321	23,135	11,386	7,352	4,397	27,815	51,069	37,406	52,874	38,855	8,389	5,629	4,266	4,266	11,496
South Carolina .....	21,159	11,791	21,508	12,153	5,745	3,610	29,888	32,114	23,167	33,748	24,523	4,660	4,564	4,219	4,418	9,730
South Dakota .....	16,124	8,273	16,054	8,301	3,724	4,029	11,845	29,786	22,164	30,926	23,147	3,844	3,935	5,419	5,803	5,660
Tennessee .....	17,747	8,932	18,340	9,287	4,856	4,197	24,802	34,516	24,948	35,929	25,985	5,625	4,319	3,940	4,048	15,540
Texas .....	17,409	8,091	17,799	8,375	4,931	4,493	23,511	39,623	28,878	41,979	31,009	6,125	4,845	2,016	2,099	6,100
Utah .....	13,350	6,140	13,709	6,334	3,210	4,165	19,407	15,238	7,571	15,212	7,445	3,901	3,865	3,569	3,690	11,728
Vermont .....	25,922	15,062	26,786	15,537	7,110	4,139	37,991	51,863	39,518	54,003	41,063	7,108	5,831	6,054	6,222	12,294
Virginia .....	21,900	11,669	22,567	12,126	5,907	4,534	32,250	30,929	21,016	32,616	22,286	5,511	4,819	4,793	4,962	11,080
Washington .....	18,687	7,782	18,053	6,903	5,886	5,264	28,128	45,476	34,404	46,746	35,288	6,111	5,347	3,775	3,848	6,647
West Virginia .....	16,430	6,900	17,096	7,241	5,245	4,609	20,030	20,193	11,721	20,898	12,206	4,250	4,442	3,825	4,009	9,241
Wisconsin .....	16,207	8,504	16,246	8,419	4,699	3,128	22,574	39,373	29,776	41,503	31,662	5,655	4,186	4,382	4,292	6,223
Wyoming .....	13,942	4,178	14,354	4,311	4,493	5,550	13,239	†	18,021	†	18,021	†	†	2,788	2,987	7,292

†Not applicable.  
NOTE: Data are for the entire academic year and are average charges for full-time students. In-state tuition and fees were weighted by the number of full-time-equivalent undergraduates, but were not adjusted to reflect the number of students who were state residents. Out-of-state tuition and fees were weighted by the number of first-time freshmen attending the institution in fall 2016 from out of state. Institutional room and board rates are weighted by the number of full-time students. Degree-granting institutions grant associate's or higher degrees and par-

ticipate in Title IV federal financial aid programs. Some data have been revised from previously published figures. Detail may not sum to totals because of rounding.  
SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), Fall 2015 and Fall 2016, Institutional Characteristics component; and Spring 2016 and Spring 2017, Fall Enrollment component. (This table was prepared November 2017.)

**Table 330.30. Average undergraduate tuition, fees, room, and board rates for full-time students in degree-granting postsecondary institutions, by percentile of charges and control and level of institution: Selected years, 2000–01 through 2016–17**

Control and level of institution, and year	Current dollars										Constant 2016–17 dollars				
	Tuition, fees, room, and board					Tuition and required fees					Tuition and required fees				
	10th percentile	25th percentile	Median (50th percentile)	75th percentile	90th percentile	10th percentile	25th percentile	Median (50th percentile)	75th percentile	90th percentile	10th percentile	25th percentile	Median (50th percentile)	75th percentile	90th percentile
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
<b>Public institutions<sup>1</sup></b>															
2000–01.....	\$5,741	\$6,880	\$8,279	\$9,617	\$11,384	\$612	\$1,480	\$2,403	\$3,444	\$4,583	\$848	\$2,051	\$3,330	\$4,773	\$6,351
2005–06.....	7,700	9,623	11,348	13,543	16,264	990	2,070	3,329	5,322	6,972	1,207	2,524	4,059	6,490	8,502
2010–11.....	9,889	12,856	15,234	17,860	21,593	1,230	2,626	4,632	7,115	9,420	1,350	2,882	5,084	7,809	10,339
2014–15.....	12,596	15,601	18,012	20,667	24,525	1,630	3,348	6,313	8,878	11,471	1,671	3,433	6,472	9,102	11,761
2015–16.....	13,215	15,947	18,648	21,735	25,180	1,632	3,456	6,452	9,326	11,948	1,662	3,520	6,571	9,498	12,168
2016–17.....	13,789	16,360	19,313	22,209	25,959	1,632	3,621	6,587	9,574	12,212	1,632	3,621	6,587	9,574	12,212
<b>Public 4-year<sup>1</sup></b>															
2000–01.....	6,503	7,347	8,468	9,816	11,611	2,118	2,520	3,314	4,094	5,085	2,935	3,492	4,593	5,674	7,047
2005–06.....	8,863	10,219	11,596	13,830	16,443	3,094	3,822	5,084	6,458	8,097	3,773	4,661	6,200	7,875	9,874
2010–11.....	12,048	13,604	15,823	18,419	22,191	4,336	5,091	6,779	8,689	11,029	4,759	5,588	7,440	9,537	12,105
2014–15.....	14,289	16,181	18,576	21,080	24,922	5,250	6,497	7,994	10,382	13,160	5,383	6,661	8,196	10,644	13,492
2015–16.....	14,733	16,559	19,217	21,979	25,658	5,360	6,691	8,256	10,509	13,431	5,459	6,814	8,408	10,702	13,678
2016–17.....	15,292	17,057	19,759	22,515	26,523	4,344	6,737	8,428	10,753	13,539	4,344	6,737	8,428	10,753	13,539
<b>Public 2-year<sup>1</sup></b>															
2000–01.....	3,321	3,804	4,627	5,750	6,871	310	724	1,387	1,799	2,460	430	1,003	1,922	2,493	3,409
2005–06.....	4,380	4,822	6,234	7,567	8,993	691	1,109	1,920	2,589	3,100	843	1,352	2,341	3,157	3,780
2010–11.....	5,347	6,327	7,339	9,370	11,312	700	1,412	2,537	3,315	3,840	768	1,550	2,785	3,638	4,215
2014–15.....	6,287	7,202	8,815	11,438	14,462	1,183	1,551	3,000	3,963	4,754	1,213	1,590	3,076	4,063	4,874
2015–16.....	6,474	7,503	9,337	11,854	14,978	1,182	1,514	3,077	4,115	5,032	1,204	1,542	3,134	4,191	5,125
2016–17.....	6,650	7,773	9,437	12,269	15,041	1,244	1,632	3,208	4,238	5,154	1,244	1,632	3,208	4,238	5,154
<b>Private nonprofit institutions</b>															
2000–01.....	13,514	17,552	22,493	27,430	32,659	7,800	11,730	15,540	19,600	24,532	10,810	16,256	21,537	27,163	33,998
2005–06.....	23,258	29,497	35,918	41,707	47,061	9,981	15,375	21,070	26,265	31,690	12,171	18,749	25,693	32,028	38,644
2010–11.....	23,143	29,884	38,063	47,061	52,235	11,930	19,625	26,920	34,536	40,082	13,094	21,540	29,546	37,905	43,992
2014–15.....	27,640	35,274	44,582	55,440	60,770	12,525	22,760	31,370	40,660	46,467	12,841	23,335	32,162	41,687	47,641
2015–16.....	25,903	36,436	45,951	57,465	63,209	11,900	23,162	32,250	42,270	48,190	12,119	23,588	32,843	43,048	49,076
2016–17.....	26,841	37,800	47,748	59,514	65,225	12,130	24,130	33,405	43,940	50,022	12,130	24,130	33,405	43,940	50,022
<b>Nonprofit 4-year</b>															
2000–01.....	13,972	17,714	22,554	27,476	32,659	8,450	11,920	15,746	19,730	24,532	11,711	16,520	21,822	27,343	33,998
2005–06.....	18,350	23,322	29,598	36,028	41,774	10,300	15,560	21,190	26,500	31,690	12,560	18,974	25,840	32,315	38,644
2010–11.....	23,548	30,042	38,129	47,061	52,235	12,220	19,854	27,100	34,580	40,082	13,412	21,791	29,744	37,954	43,992
2014–15.....	27,778	35,400	44,775	55,440	60,770	12,920	22,950	31,480	40,670	46,467	13,246	23,530	32,275	41,697	47,641
2015–16.....	26,315	36,537	46,094	57,465	63,209	12,240	23,748	32,400	42,288	48,190	12,465	24,185	32,996	43,066	49,076
2016–17.....	27,233	37,993	47,857	59,514	65,225	12,240	24,427	33,510	43,980	50,063	12,240	24,427	33,510	43,980	50,063
<b>Nonprofit 2-year</b>															
2000–01.....	6,850	6,850	9,995	14,209	20,240	2,430	4,825	7,250	8,266	11,100	3,368	6,687	10,048	11,456	15,383
2005–06.....	8,030	15,680	16,830	20,829	28,643	4,218	8,640	9,940	12,270	14,472	5,144	10,536	12,121	14,962	17,648
2010–11.....	10,393	19,718	21,186	27,386	30,758	3,840	9,730	12,000	14,640	18,965	4,215	10,679	13,171	16,068	20,815
2014–15.....	22,044	23,200	25,705	30,400	32,120	4,200	11,330	15,579	16,678	21,260	4,306	11,616	15,973	17,099	21,797
2015–16.....	22,582	23,059	25,696	31,405	33,387	4,904	10,800	14,110	17,346	22,060	4,994	10,999	14,370	17,665	22,466
2016–17.....	18,431	24,070	25,850	32,311	55,517	4,490	11,170	14,930	17,500	22,760	4,490	11,170	14,930	17,500	22,760
<b>Private for-profit institutions</b>															
2000–01.....	13,396	15,778	19,403	21,400	21,845	6,900	8,202	9,644	12,090	14,600	9,563	11,367	13,365	16,755	20,234
2005–06.....	17,278	19,098	25,589	26,499	31,903	7,632	10,011	12,450	14,335	17,740	9,307	12,208	15,182	17,480	21,633
2010–11.....	16,097	16,097	17,484	26,175	31,639	10,194	10,194	13,520	15,750	18,048	11,189	11,189	14,839	17,287	19,809
2014–15.....	16,942	16,942	23,107	25,619	34,114	10,480	10,702	13,500	17,132	18,748	10,745	10,972	13,841	17,565	19,222
2015–16.....	17,407	17,407	26,028	26,405	35,377	10,575	11,003	13,320	17,132	19,286	10,770	11,205	13,565	17,447	19,641
2016–17.....	24,091	26,218	26,218	28,692	36,414	10,350	11,219	13,567	16,975	21,004	10,350	11,219	13,567	16,975	21,004
<b>For-profit 4-year</b>															
2000–01.....	13,396	15,818	20,417	21,400	21,400	7,206	8,305	9,675	12,800	15,090	9,987	11,510	13,408	17,739	20,913
2005–06.....	17,383	19,098	25,589	26,499	31,903	7,632	10,418	12,900	14,450	17,735	9,307	12,704	15,731	17,621	21,627
2010–11.....	16,097	16,097	17,484	26,175	31,639	10,194	10,194	13,560	16,500	18,048	11,189	11,189	14,883	18,110	19,809
2014–15.....	16,942	16,942	23,107	25,619	34,114	10,480	10,702	12,975	17,173	18,885	10,745	10,972	13,303	17,607	19,362
2015–16.....	17,407	17,407	26,028	26,405	35,377	10,607	11,003	12,975	17,132	19,459	10,802	11,205	13,214	17,447	19,817
2016–17.....	24,091	26,218	26,218	28,692	36,414	9,630	11,219	13,420	17,124	21,252	9,630	11,219	13,420	17,124	21,252
<b>For-profit 2-year</b>															
2000–01.....	15,778	15,778	19,403	21,845	21,845	6,025	7,365	9,644	12,000	14,255	8,350	10,207	13,365	16,631	19,756
2005–06.....	13,010	18,281	43,425	43,425	43,425	7,870	9,285	11,550	14,196	19,425	9,597	11,322	14,084	17,311	23,687
2010–11.....	23,687	23,687	25,161	25,161	25,161	10,075	12,049	13,418	15,263	17,918	11,058	13,224	14,727	16,752	19,666
2014–15.....	25,028	25,028	25,028	25,028	25,028	10,525	12,450	13,620	15,119	17,339	10,791	12,765	13,964	15,501	17,777
2015–16.....	25,732	25,732	25,732	25,732	25,732	10,510	12,678	13,975	15,760	18,048	10,703	12,911	14,232	16,050	18,380
2016–17.....	26,575	26,575	26,575	26,575	26,575	10,496	12,366	14,032	15,550	17,433	10,496	12,366	14,032	15,550	17,433

<sup>1</sup>Average undergraduate tuition and fees are based on in-state students only.  
NOTE: Data are for the entire academic year and are average charges for full-time students. Student charges were weighted by the number of full-time-equivalent undergraduates, but were not adjusted to reflect student residency. Degree-granting institutions grant associate's or higher degrees and participate in Title IV federal financial aid programs. Some data have been revised from previously published figures.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), Fall 2000 through Fall 2016, Institutional Characteristics component; and Spring 2001 through Spring 2017, Fall Enrollment component. (This table was prepared June 2018.)

**Table 330.40. Average total cost of attendance for first-time, full-time undergraduate students in degree-granting postsecondary institutions, by control and level of institution, living arrangement, and component of student costs: Selected years, 2010–11 through 2016–17**

Level of institution, living arrangement, and component of student costs	2010–11				2013–14				2014–15				2015–16				2016–17			
	All institutions	Public, in-state	Private		All institutions	Public, in-state	Private		All institutions	Public, in-state	Private		All institutions	Public, in-state	Private		All institutions	Public, in-state	Private	
			Nonprofit	For-profit																
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
Current dollars																				
<b>4-year institutions</b>																				
Average total cost, by living arrangement																				
On campus .....	\$27,589	\$20,035	\$39,676	\$31,897	\$30,020	\$21,998	\$44,638	\$29,343	\$30,879	\$22,621	\$46,026	\$29,515	\$31,756	\$23,175	\$47,405	\$31,252	\$32,595	\$23,705	\$48,865	\$31,317
Off campus, living with family .....	20,084	12,554	31,689	22,268	21,305	13,414	35,477	21,510	21,811	13,673	36,485	22,246	22,372	13,996	37,583	22,054	22,823	14,118	38,735	21,957
Off campus, not living with family .....	29,142	21,324	40,033	31,000	30,027	22,541	44,226	28,331	30,939	23,062	45,845	29,240	31,764	23,618	47,179	30,160	32,392	24,047	48,792	29,532
Component of student costs																				
Tuition and required fees .....	14,596	7,163	26,637	15,191	15,952	8,057	30,390	15,179	16,430	8,303	31,391	15,349	16,991	8,571	32,408	16,323	17,503	8,784	33,522	16,293
Books and supplies .....	1,223	1,196	1,221	1,522	1,247	1,252	1,245	1,189	1,262	1,268	1,249	1,292	1,257	1,267	1,243	1,206	1,263	1,272	1,254	1,195
Room, board, and other expenses																				
On campus																				
Room and board .....	8,912	8,497	9,455	9,304	9,913	9,492	10,520	9,339	10,219	9,790	10,853	9,455	10,527	10,079	11,195	9,388	10,804	10,330	11,512	9,534
Other .....	2,858	3,179	2,363	5,879	2,908	3,198	2,484	3,636	2,967	3,261	2,534	3,420	2,982	3,259	2,559	4,336	3,025	3,319	2,579	4,293
Off campus, living with family																				
Other .....	4,265	4,195	3,832	5,554	4,105	4,105	3,843	5,141	4,118	4,102	3,845	5,605	4,124	4,158	3,932	4,526	4,057	4,062	3,960	4,468
Off campus, not living with family																				
Room and board .....	8,802	8,942	8,202	8,866	8,768	9,338	8,628	7,416	9,122	9,574	8,921	8,021	9,198	9,771	8,745	7,732	9,294	9,950	9,017	7,381
Other .....	4,521	4,022	3,974	5,421	4,060	3,894	3,964	4,547	4,125	3,917	4,284	4,578	4,318	4,009	4,783	4,901	4,332	4,040	4,999	4,662
<b>2-year institutions</b>																				
Average total cost, by living arrangement																				
On campus .....	13,777	12,336	25,763	29,179	14,525	13,498	29,140	27,740	15,035	13,983	30,513	27,880	15,362	14,321	31,222	28,803	15,766	14,718	31,749	29,870
Off campus, living with family .....	8,964	7,843	18,931	19,350	9,117	8,440	20,887	19,405	9,319	8,593	22,308	19,815	9,476	8,818	22,316	19,954	9,674	9,008	22,469	20,283
Off campus, not living with family .....	16,389	15,153	27,458	27,366	16,877	16,182	28,593	27,191	17,409	16,626	30,178	28,176	17,718	17,005	30,378	28,592	18,097	17,386	31,048	28,956
Component of student costs																				
Tuition and required fees .....	3,850	2,748	13,832	13,954	3,846	3,179	14,962	13,951	4,002	3,288	16,315	14,145	4,075	3,422	16,787	14,284	4,195	3,534	17,278	14,451
Books and supplies .....	1,302	1,295	1,153	1,407	1,380	1,385	1,288	1,317	1,424	1,432	1,320	1,275	1,443	1,449	1,248	1,365	1,458	1,461	1,259	1,441
Room, board, and other expenses																				
On campus																				
Room and board .....	5,654	5,351	7,806	9,961	6,276	5,962	9,196	9,479	6,566	6,238	9,644	9,287	6,796	6,413	9,996	10,145	6,981	6,581	10,289	10,604
Other .....	2,971	2,941	2,973	3,857	3,022	2,973	3,693	2,993	3,044	3,025	3,234	3,173	3,048	3,037	3,191	3,009	3,132	3,143	2,922	3,374
Off campus, living with family																				
Other .....	3,812	3,799	3,947	3,989	3,891	3,877	4,636	4,137	3,893	3,873	4,673	4,395	3,958	3,948	4,280	4,305	4,022	4,014	3,933	4,391
Off campus, not living with family																				
Room and board .....	7,478	7,412	7,999	7,889	7,787	7,796	7,765	7,678	8,108	8,100	7,957	8,219	8,280	8,288	7,898	8,240	8,470	8,489	7,961	8,315
Other .....	3,759	3,698	4,475	4,117	3,863	3,823	4,577	4,245	3,876	3,806	4,586	4,537	3,920	3,847	4,444	4,703	3,975	3,903	4,550	4,748
Constant 2016–17 dollars <sup>1</sup>																				
<b>4-year institutions</b>																				
Average total cost, by living arrangement																				
On campus .....	\$30,280	\$21,990	\$43,547	\$35,008	\$31,002	\$22,718	\$46,099	\$30,303	\$31,659	\$23,193	\$47,189	\$30,261	\$32,341	\$23,602	\$48,277	\$31,827	\$32,595	\$23,705	\$48,865	\$31,317
Off campus, living with family .....	22,043	13,779	34,781	24,440	22,002	13,853	36,639	22,214	22,362	14,019	37,407	22,808	22,783	14,253	38,274	22,460	22,823	14,118	38,735	21,957
Off campus, not living with family .....	31,985	23,404	43,938	34,024	31,010	23,279	45,673	29,258	31,721	23,645	47,003	29,978	32,348	24,052	48,047	30,715	32,392	24,047	48,792	29,532
Tuition and required fees .....	16,020	7,862	29,235	16,674	16,474	8,320	31,384	15,676	16,845	8,512	32,184	15,737	17,303	8,729	33,004	16,623	17,503	8,784	33,522	16,293
<b>2-year institutions</b>																				
Average total cost, by living arrangement																				
On campus .....	15,121	13,539	28,276	32,025	15,000	13,940	30,094	28,648	15,415	14,337	31,283	28,584	15,645	14,585	31,797	29,333	15,766	14,718	31,749	29,870
Off campus, living with family .....	9,838	8,608	20,777	21,238	9,416	8,717	21,571	20,040	9,554	8,810	22,872	20,316	9,650	8,980	22,726	20,322	9,674	9,008	22,469	20,283
Off campus, not living with family .....	17,988	16,631	30,137	30,036	17,429	16,712	29,529	28,080	17,849	17,046	30,941	28,888	18,044	17,318	30,936	29,118	18,097	17,386	31,048	28,956
Tuition and required fees .....	4,225	3,016	15,181	15,315	3,972	3,283	15,452	14,408	4,103	3,371	16,727	14,502	4,150	3,485	17,096	14,547	4,195	3,534	17,278	14,451

<sup>1</sup>Constant dollars based on the Consumer Price Index, prepared by the Bureau of Labor Statistics, U.S. Department of Labor, adjusted to an academic-year basis.

NOTE: Excludes students who previously attended another postsecondary institution or who began their studies on a part-time basis. Tuition and fees at public institutions are the lower of either in-district or in-state tuition and fees. Data illustrating

the average total cost of attendance for all students are weighted by the number of students at the institution receiving Title IV aid. Detail may not sum to totals because of rounding. Some data have been revised from previously published figures.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), Spring 2011 and Winter 2013–14 through Winter 2016–17, Student Financial Aid component; and Fall 2010 through Fall 2016, Institutional Characteristics component. (This table was prepared December 2017.)

**Table 330.50. Average graduate tuition and required fees in degree-granting postsecondary institutions, by control of institution and percentile of charges: 1989–90 through 2016–17**

Year	Total	Public institutions <sup>1</sup>	Private institutions			Public institutions, <sup>1</sup> by percentile			Nonprofit institutions, by percentile		
			Total	Nonprofit	For-profit	25th percentile	Median (50th percentile)	75th percentile	25th percentile	Median (50th percentile)	75th percentile
1	2	3	4	5	6	7	8	9	10	11	12
Current dollars											
1989–90.....	\$4,135	\$1,999	\$7,881	—	—	—	—	—	—	—	—
1990–91.....	4,488	2,206	8,507	—	—	—	—	—	—	—	—
1991–92.....	5,116	2,524	9,592	—	—	—	—	—	—	—	—
1992–93.....	5,475	2,791	10,008	—	—	—	—	—	—	—	—
1993–94.....	5,973	3,050	10,790	—	—	—	—	—	—	—	—
1994–95.....	6,247	3,250	11,338	—	—	—	—	—	—	—	—
1995–96.....	6,741	3,449	12,083	—	—	—	—	—	—	—	—
1996–97.....	7,111	3,607	12,537	—	—	—	—	—	—	—	—
1997–98.....	7,246	3,744	12,774	—	—	—	—	—	—	—	—
1998–99.....	7,685	3,897	13,299	—	—	—	—	—	—	—	—
1999–2000.....	8,069	4,042	13,821	\$14,123	\$9,611	\$2,640	\$3,637	\$5,163	\$7,998	\$12,870	\$20,487
2000–01.....	8,429	4,243	14,420	14,457	13,229	2,931	3,822	5,347	8,276	13,200	21,369
2001–02.....	8,857	4,496	15,165	15,232	13,414	3,226	4,119	5,596	8,583	14,157	22,054
2002–03.....	9,226	4,842	14,983	15,676	9,644	3,395	4,452	5,927	8,690	14,140	22,700
2003–04.....	10,312	5,544	16,209	16,807	12,542	3,795	5,103	7,063	9,072	15,030	25,600
2004–05.....	11,004	6,080	16,751	17,551	13,133	4,236	5,663	7,616	9,300	16,060	26,140
2005–06.....	11,621	6,493	17,244	18,171	13,432	4,608	6,209	7,977	9,745	16,222	26,958
2006–07.....	12,312	6,894	18,108	19,033	14,421	4,909	6,594	8,341	10,346	17,057	29,118
2007–08.....	13,002	7,415	18,878	19,896	14,713	5,176	6,990	9,288	10,705	17,647	30,247
2008–09.....	13,647	7,999	19,230	20,485	14,418	5,612	7,376	9,912	11,290	18,270	30,514
2009–10.....	14,542	8,763	20,078	21,317	14,512	6,074	7,983	10,658	12,290	19,460	31,730
2010–11.....	15,017	9,238	20,397	21,993	13,811	6,550	8,788	10,937	12,510	19,586	33,215
2011–12.....	15,845	9,978	21,230	22,899	14,285	7,506	9,440	11,954	12,936	20,625	34,680
2012–13.....	16,407	10,408	21,907	23,642	14,418	7,706	9,900	12,590	12,960	21,352	36,820
2013–14.....	16,948	10,725	22,617	24,482	14,209	7,791	10,242	12,779	13,590	22,018	36,720
2014–15.....	17,385	10,979	23,263	25,168	14,264	7,914	10,428	12,829	13,868	22,170	38,948
2015–16.....	17,871	11,306	23,917	25,826	14,432	8,242	10,769	13,193	13,878	22,570	40,670
2016–17.....	18,416	11,617	24,712	26,551	14,784	8,500	11,097	13,509	13,826	22,913	42,305
Constant 2016–17 dollars											
1989–90.....	\$7,902	\$3,820	\$15,061	—	—	—	—	—	—	—	—
1990–91.....	8,132	3,997	15,415	—	—	—	—	—	—	—	—
1991–92.....	8,982	4,431	16,841	—	—	—	—	—	—	—	—
1992–93.....	9,321	4,752	17,039	—	—	—	—	—	—	—	—
1993–94.....	9,913	5,062	17,907	—	—	—	—	—	—	—	—
1994–95.....	10,078	5,244	18,292	—	—	—	—	—	—	—	—
1995–96.....	10,587	5,417	18,977	—	—	—	—	—	—	—	—
1996–97.....	10,859	5,508	19,144	—	—	—	—	—	—	—	—
1997–98.....	10,871	5,617	19,164	—	—	—	—	—	—	—	—
1998–99.....	11,333	5,746	19,612	—	—	—	—	—	—	—	—
1999–2000.....	11,566	5,794	19,810	\$20,244	\$13,776	\$3,784	\$5,213	\$7,400	\$11,464	\$18,447	\$29,365
2000–01.....	11,682	5,881	19,984	20,035	18,334	4,062	5,297	7,410	11,470	18,294	29,615
2001–02.....	12,062	6,122	20,651	20,743	18,266	4,393	5,609	7,620	11,688	19,279	30,032
2002–03.....	12,293	6,451	19,964	20,888	12,851	4,524	5,932	7,898	11,579	18,841	30,247
2003–04.....	13,446	7,229	21,136	21,916	16,355	4,949	6,654	9,210	11,829	19,598	33,381
2004–05.....	13,930	7,696	21,205	22,218	16,625	5,362	7,169	9,641	11,773	20,330	33,090
2005–06.....	14,171	7,918	21,028	22,158	16,379	5,619	7,571	9,727	11,883	19,782	32,873
2006–07.....	14,635	8,195	21,524	22,625	17,142	5,835	7,838	9,915	12,298	20,275	34,612
2007–08.....	14,903	8,500	21,638	22,805	16,864	5,933	8,012	10,646	12,270	20,227	34,670
2008–09.....	15,427	9,042	21,738	23,157	16,299	6,344	8,338	11,205	12,763	20,653	34,494
2009–10.....	16,281	9,811	22,480	23,867	16,248	6,800	8,938	11,933	13,760	21,787	35,525
2010–11.....	16,482	10,139	22,387	24,139	15,159	7,189	9,645	12,004	13,730	21,497	36,455
2011–12.....	16,895	10,640	22,638	24,417	15,232	8,004	10,066	12,747	13,794	21,993	36,980
2012–13.....	17,209	10,917	22,978	24,797	15,123	8,083	10,384	13,205	13,593	22,395	38,619
2013–14.....	17,503	11,076	23,357	25,283	14,674	8,046	10,577	13,197	14,035	22,739	37,922
2014–15.....	17,824	11,257	23,851	25,804	14,624	8,114	10,691	13,153	14,218	22,730	39,932
2015–16.....	18,200	11,514	24,357	26,301	14,698	8,394	10,967	13,436	14,133	22,985	41,418
2016–17.....	18,416	11,617	24,712	26,551	14,784	8,500	11,097	13,509	13,826	22,913	42,305

—Not available.

<sup>1</sup>Data are based on in-state tuition only.

NOTE: Average graduate student tuition weighted by fall full-time-equivalent graduate enrollment. Excludes doctoral students in professional practice programs. Data through 1995–96 are for institutions of higher education, while later data are for degree-granting institutions. Degree-granting institutions grant associate's or higher degrees and participate in Title IV federal financial aid programs. The degree-granting classification is very similar to the earlier higher education classification, but it includes more 2-year colleges and

excludes a few higher education institutions that did not grant degrees. Some data have been revised from previously published figures.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), "Fall Enrollment Survey" (IPEDS-EF:89–99); "Completions Survey" (IPEDS-C:90–99); "Institutional Characteristics Survey" (IPEDS-IC:89–99); IPEDS Fall 2000 through Fall 2016, Institutional Characteristics component; and IPEDS Spring 2001 through Spring 2017, Fall Enrollment component. (This table was prepared June 2018.)

**Table 331.10. Percentage of undergraduates receiving financial aid, by type and source of aid and selected student characteristics: 2015–16**

[Standard errors appear in parentheses]

Selected student characteristic	Number of undergraduates <sup>1</sup> (in thousands)	Any aid			Grants			Loans			Work study	
		Total <sup>2</sup>	Federal <sup>3</sup>	Nonfederal	Total	Federal	Nonfederal	Total <sup>4</sup>	Federal <sup>4</sup>	Nonfederal	Total <sup>5</sup>	
1	2	3	4	5	6	7	8	9	10	11	12	
<b>All undergraduates</b> .....	<b>19,308</b>	<b>72.2 (0.22)</b>	<b>55.9 (0.14)</b>	<b>49.0 (0.31)</b>	<b>63.1 (0.23)</b>	<b>41.2 (0.11)</b>	<b>46.1 (0.33)</b>	<b>38.7 (0.11)</b>	<b>36.7 (0.09)</b>	<b>5.9 (0.11)</b>	<b>5.2 (0.14)</b>	
<b>Sex</b>												
Male .....	8,406	69.1 (0.38)	52.0 (0.33)	47.8 (0.41)	58.9 (0.36)	37.4 (0.31)	44.9 (0.42)	35.4 (0.27)	33.2 (0.25)	5.7 (0.17)	4.8 (0.18)	
Female .....	10,903	74.6 (0.28)	59.0 (0.24)	49.9 (0.39)	66.3 (0.31)	44.1 (0.24)	47.1 (0.41)	41.3 (0.23)	39.3 (0.21)	6.0 (0.17)	5.5 (0.18)	
<b>Race/ethnicity</b>												
White .....	10,276	71.2 (0.42)	53.5 (0.41)	49.3 (0.41)	60.0 (0.40)	34.3 (0.32)	46.0 (0.43)	40.2 (0.37)	37.8 (0.36)	7.1 (0.18)	5.6 (0.17)	
Black .....	3,006	80.0 (0.62)	70.6 (0.71)	45.9 (0.73)	72.4 (0.68)	60.1 (0.70)	43.4 (0.74)	50.8 (0.76)	49.4 (0.76)	4.2 (0.24)	5.2 (0.34)	
Hispanic .....	3,723	71.4 (0.66)	55.6 (0.65)	49.4 (0.75)	65.5 (0.65)	47.1 (0.60)	47.2 (0.76)	30.7 (0.62)	28.9 (0.60)	4.3 (0.26)	4.4 (0.41)	
Asian .....	1,399	62.0 (1.09)	40.5 (1.05)	49.9 (1.11)	56.6 (1.12)	32.1 (1.06)	47.6 (1.09)	23.3 (0.85)	20.9 (0.81)	4.7 (0.41)	5.4 (0.41)	
Pacific Islander .....	83	69.1 (3.97)	54.2 (3.95)	49.8 (4.53)	60.5 (4.50)	42.7 (3.98)	48.1 (4.50)	31.8 (3.49)	30.9 (3.44)	3.1 (0.83)	2.8 ! (1.26)	
American Indian/Alaska Native .....	160	76.7 (3.02)	62.5 (3.34)	44.1 (3.07)	70.8 (2.93)	56.1 (3.16)	42.6 (3.00)	30.9 (2.66)	29.5 (2.64)	2.6 (0.68)	3.3 ! (1.15)	
Two or more races .....	661	76.8 (1.50)	59.9 (1.78)	53.6 (1.46)	67.9 (1.46)	45.9 (1.59)	51.2 (1.40)	42.6 (1.59)	39.9 (1.56)	6.1 (0.65)	4.7 (0.62)	
<b>Age</b>												
15 to 23 .....	11,368	74.7 (0.32)	56.4 (0.26)	56.6 (0.41)	65.8 (0.33)	37.6 (0.22)	53.5 (0.43)	40.5 (0.22)	38.1 (0.22)	7.5 (0.15)	7.6 (0.19)	
24 to 29 .....	3,536	69.9 (0.63)	58.6 (0.62)	38.5 (0.60)	61.6 (0.66)	50.6 (0.61)	35.9 (0.64)	37.4 (0.53)	35.6 (0.54)	4.0 (0.24)	2.5 (0.24)	
30 or older .....	4,404	67.4 (0.54)	52.7 (0.61)	37.8 (0.64)	57.3 (0.53)	43.0 (0.54)	35.3 (0.65)	35.2 (0.50)	33.9 (0.49)	3.1 (0.19)	1.3 (0.13)	
<b>Marital status</b>												
Not married <sup>6</sup> .....	16,098	73.5 (0.26)	57.0 (0.17)	51.4 (0.34)	64.8 (0.27)	41.2 (0.15)	48.4 (0.36)	40.2 (0.16)	38.0 (0.15)	6.4 (0.13)	6.0 (0.16)	
Married .....	2,940	64.7 (0.67)	49.7 (0.68)	36.8 (0.76)	53.4 (0.69)	39.6 (0.59)	34.4 (0.78)	30.2 (0.53)	28.8 (0.53)	3.0 (0.22)	1.2 (0.18)	
Separated .....	270	75.0 (2.10)	63.6 (2.29)	38.1 (1.90)	68.8 (2.18)	59.1 (2.19)	35.9 (1.87)	41.5 (2.08)	40.6 (2.05)	3.3 (0.75)	2.0 (0.49)	
<b>Attendance status<sup>7</sup></b>												
Full-time, full-year .....	7,239	86.4 (0.26)	69.8 (0.33)	66.9 (0.40)	76.7 (0.31)	46.3 (0.30)	63.8 (0.41)	54.7 (0.33)	52.5 (0.34)	9.2 (0.21)	10.5 (0.26)	
Part-time or part-year .....	12,069	63.6 (0.33)	47.6 (0.26)	38.2 (0.40)	54.9 (0.33)	38.2 (0.23)	35.5 (0.41)	29.2 (0.23)	27.1 (0.21)	3.9 (0.13)	2.0 (0.15)	
<b>Dependency status and family income</b>												
Dependent .....	9,772	76.9 (0.35)	58.9 (0.28)	59.2 (0.43)	67.1 (0.35)	37.3 (0.24)	56.0 (0.45)	43.2 (0.25)	40.7 (0.24)	8.2 (0.17)	8.3 (0.21)	
Less than \$20,000 .....	1,713	87.5 (0.72)	80.3 (0.72)	60.9 (0.93)	86.9 (0.75)	79.5 (0.74)	59.2 (0.93)	40.1 (0.83)	38.3 (0.81)	4.1 (0.31)	9.5 (0.50)	
\$20,000–\$39,999 .....	1,644	84.6 (0.75)	76.3 (0.80)	62.4 (0.98)	83.0 (0.76)	74.4 (0.81)	60.8 (0.99)	42.1 (0.81)	40.7 (0.79)	5.3 (0.42)	10.9 (0.56)	
\$40,000–\$59,999 .....	1,281	81.4 (0.96)	68.3 (1.04)	65.1 (1.02)	75.5 (1.00)	56.8 (0.98)	61.8 (1.03)	48.1 (1.11)	45.9 (1.09)	8.2 (0.52)	10.7 (0.65)	
\$60,000–\$79,999 .....	1,157	72.7 (0.98)	50.3 (1.00)	58.4 (1.09)	60.1 (1.03)	19.8 (0.78)	54.9 (1.08)	44.5 (0.92)	42.3 (0.93)	8.6 (0.54)	8.1 (0.52)	
\$80,000–\$99,999 .....	946	69.9 (1.20)	46.3 (1.03)	56.7 (1.26)	53.7 (1.29)	4.9 (0.51)	53.0 (1.28)	45.4 (1.02)	43.1 (0.99)	10.3 (0.67)	8.2 (0.71)	
\$100,000 or more .....	3,032	68.6 (0.72)	40.5 (0.57)	55.0 (0.70)	50.7 (0.68)	1.9 (0.17)	50.4 (0.69)	42.2 (0.56)	38.6 (0.54)	11.2 (0.38)	5.3 (0.29)	
Independent .....	9,536	67.3 (0.34)	52.9 (0.31)	38.5 (0.47)	58.9 (0.34)	45.2 (0.29)	36.0 (0.48)	34.2 (0.26)	32.5 (0.24)	3.5 (0.14)	2.0 (0.14)	
Less than \$10,000 .....	2,909	69.8 (0.64)	56.0 (0.72)	41.0 (0.76)	66.3 (0.69)	53.8 (0.72)	38.7 (0.77)	35.0 (0.58)	33.2 (0.55)	3.6 (0.23)	3.7 (0.26)	
\$10,000–\$19,999 .....	1,783	74.6 (0.86)	64.7 (0.94)	39.9 (0.89)	70.1 (0.90)	61.6 (0.91)	36.8 (0.87)	41.0 (0.79)	38.9 (0.75)	4.3 (0.34)	2.2 (0.24)	
\$20,000–\$29,999 .....	1,372	72.7 (0.96)	58.5 (1.06)	40.6 (1.08)	63.4 (0.96)	48.8 (0.98)	38.2 (1.10)	37.4 (1.04)	36.3 (1.01)	3.1 (0.31)	1.7 (0.21)	
\$30,000–\$49,999 .....	1,467	65.8 (1.00)	53.0 (1.09)	35.3 (1.04)	53.0 (1.02)	40.0 (1.01)	32.8 (1.03)	33.6 (0.81)	32.3 (0.80)	3.2 (0.29)	1.0 (0.24)	
\$50,000 or more .....	2,005	54.5 (0.90)	34.1 (0.82)	34.6 (0.85)	39.5 (0.82)	19.7 (0.61)	32.2 (0.86)	25.1 (0.69)	23.2 (0.69)	3.2 (0.33)	0.4 (0.09)	
<b>Housing status<sup>8</sup></b>												
School-owned .....	2,756	86.8 (0.49)	65.7 (0.63)	76.5 (0.61)	78.6 (0.60)	37.1 (0.62)	73.5 (0.67)	59.5 (0.63)	56.8 (0.64)	12.2 (0.51)	17.1 (0.57)	
Off-campus, not with parents .....	9,926	70.0 (0.39)	54.6 (0.41)	43.4 (0.43)	60.3 (0.36)	42.5 (0.36)	40.3 (0.45)	37.3 (0.36)	35.2 (0.35)	5.0 (0.15)	3.2 (0.15)	
With parents .....	4,749	66.0 (0.57)	49.8 (0.54)	44.3 (0.68)	58.9 (0.58)	39.4 (0.48)	42.0 (0.68)	26.0 (0.52)	24.2 (0.50)	3.9 (0.22)	2.7 (0.24)	

<sup>1</sup>Interpret data with caution. The coefficient of variation (CV) for this estimate is between 30 and 50 percent.

<sup>2</sup>Numbers of undergraduates may not equal figures reported in other tables, since these data are based on a sample survey of students who enrolled at any time during the school year. Includes all postsecondary institutions.

<sup>3</sup>Includes students who reported they were awarded aid, but did not specify the source or type of aid.

<sup>4</sup>Includes Department of Veterans Affairs and Department of Defense benefits.

<sup>5</sup>Includes Parent Loans for Undergraduate Students (PLUS).

<sup>6</sup>Details on federal and nonfederal work-study participants are not available.

<sup>7</sup>Includes students who were single, divorced, or widowed.

<sup>8</sup>Full-time, full-year includes students enrolled full time for 9 or more months. Part-time or part-year includes students enrolled part time for 9 or more months and students enrolled less than 9 months either part time or full time.

<sup>9</sup>Excludes students attending more than one institution.

NOTE: Detail may not sum to totals because of rounding and because some students receive multiple types of aid and aid from different sources. Data include undergraduates in degree-granting and non-degree-granting institutions. Data exclude students attending institutions in Puerto Rico. Race categories exclude persons of Hispanic ethnicity.

SOURCE: U.S. Department of Education, National Center for Education Statistics, 2015–16 National Postsecondary Student Aid Study (NPSAS:16). (This table was prepared June 2018.)

**Table 331.20. Full-time, first-time degree/certificate-seeking undergraduate students enrolled in degree-granting postsecondary institutions, by participation and average amount awarded in financial aid programs, and control and level of institution: 2000–01 through 2015–16**

Control and level of institution, and year	Number enrolled	Number awarded financial aid	Percent awarded aid	Percent of enrolled students awarded aid				Average award for students in aid programs <sup>1</sup>							
				Federal grants	State/local grants	Institutional grants	Student loans <sup>3</sup>	Current dollars				Constant 2016–17 dollars <sup>2</sup>			
								Federal grants	State/local grants	Institutional grants	Student loans <sup>3</sup>	Federal grants	State/local grants	Institutional grants	Student loans <sup>3</sup>
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
<b>All institutions</b>															
2000–01	1,976,600	1,390,527	70.3	31.6	31.2	31.1	40.1	\$2,486	\$2,039	\$4,740	\$3,764	\$3,446	\$2,826	\$6,569	\$5,217
2001–02	2,050,016	1,481,592	72.3	33.3	32.5	31.5	40.7	2,739	2,057	4,918	3,970	3,730	2,801	6,697	5,406
2002–03	2,135,613	1,553,024	72.7	34.1	30.9	31.5	41.4	2,947	2,189	5,267	4,331	3,927	2,916	7,018	5,770
2003–04	2,178,517	1,610,967	73.9	34.6	31.2	31.9	43.1	2,934	2,226	5,648	4,193	3,825	2,903	7,365	5,468
2004–05	2,260,590	1,689,910	74.8	35.2	31.3	31.7	44.0	2,939	2,343	5,958	4,463	3,721	2,966	7,542	5,649
2005–06	2,309,543	1,731,315	75.0	33.7	30.8	32.7	44.6	2,959	2,441	6,213	4,831	3,609	2,977	7,576	5,891
2006–07	2,427,043	1,766,257	72.8	32.1	30.8	32.2	43.5	3,125	2,526	6,593	5,014	3,715	3,002	7,837	5,960
2007–08	2,532,955	1,914,567	75.6	35.4	30.6	33.6	45.6	3,376	2,580	6,791	6,009	3,870	2,957	7,784	6,888
2008–09	2,542,748	1,974,063	77.6	36.4	31.7	34.6	46.6	3,927	2,706	7,518	6,723	4,439	3,059	8,499	7,600
2009–10	2,855,241	2,323,706	81.4	46.2	28.6	33.3	51.2	4,693	2,771	7,693	7,019	5,255	3,103	8,613	7,858
2010–11	2,648,101	2,179,582	82.3	47.8	31.0	35.8	50.1	4,758	2,843	8,393	6,624	5,222	3,120	9,212	7,270
2011–12	2,571,120	2,140,556	83.3	47.6	30.8	37.9	51.2	4,424	2,912	8,767	6,641	4,717	3,106	9,348	7,081
2012–13	2,510,994	2,077,909	82.8	45.5	31.2	39.8	49.4	4,452	3,051	9,223	6,896	4,670	3,200	9,673	7,233
2013–14	2,505,306	2,077,487	82.9	45.3	32.2	41.4	47.3	4,533	3,101	9,603	7,015	4,681	3,202	9,917	7,245
2014–15	2,471,045	2,062,252	83.5	44.5	32.9	42.8	47.0	4,599	3,214	10,066	6,925	4,716	3,295	10,321	7,100
2015–16	2,456,811	2,032,503	82.7	42.7	32.3	44.4	45.7	4,679	3,374	10,360	6,988	4,765	3,436	10,551	7,117
<b>Public</b>															
2000–01	1,333,236	872,109	65.4	30.0	33.5	22.7	30.7	2,408	1,707	2,275	3,050	3,337	2,365	3,152	4,227
2005–06	1,510,268	1,066,041	70.6	31.1	34.8	25.1	34.2	2,926	2,226	3,162	3,866	3,568	2,715	3,856	4,715
2010–11	1,802,335	1,421,369	78.9	46.0	35.9	27.2	40.2	4,765	2,676	4,160	5,780	5,230	2,938	4,566	6,344
2011–12	1,766,428	1,418,651	80.3	46.8	35.7	29.6	42.5	4,400	2,772	4,439	5,909	4,691	2,956	4,733	6,301
2012–13	1,736,339	1,391,643	80.1	45.1	36.2	31.2	41.4	4,427	2,915	4,696	6,123	4,643	3,057	4,925	6,422
2013–14	1,752,745	1,410,234	80.5	44.9	37.3	32.4	39.8	4,518	2,961	4,950	6,213	4,666	3,057	5,112	6,416
2014–15	1,743,119	1,412,510	81.0	44.2	38.1	34.3	39.6	4,592	3,080	5,165	6,243	4,708	3,158	5,295	6,400
2015–16	1,745,701	1,400,491	80.2	42.3	37.3	35.6	38.2	4,631	3,237	5,339	6,310	4,717	3,297	5,437	6,426
<b>4-year</b>															
2000–01	804,793	573,430	71.3	26.6	36.5	29.6	40.7	2,569	2,068	2,616	3,212	3,561	2,866	3,625	4,451
2005–06	906,948	695,017	76.6	26.6	36.8	34.2	44.4	3,071	2,752	3,573	4,166	3,744	3,356	4,357	5,080
2010–11	1,039,126	858,424	82.6	38.9	38.2	39.6	51.5	4,983	3,469	4,634	6,127	5,470	3,807	5,086	6,724
2011–12	1,059,837	878,933	82.9	39.1	37.1	42.1	52.6	4,472	3,531	4,895	6,326	4,768	3,766	5,220	6,745
2012–13	1,056,119	872,932	82.7	37.8	37.3	43.8	50.8	4,506	3,665	5,168	6,576	4,726	3,844	5,421	6,897
2013–14	1,076,356	892,192	82.9	37.9	37.4	45.4	49.5	4,597	3,724	5,435	6,658	4,748	3,846	5,613	6,876
2014–15	1,095,363	915,024	83.5	37.5	37.6	47.2	49.5	4,669	3,842	5,651	6,694	4,787	3,939	5,794	6,863
2015–16	1,143,231	948,160	82.9	36.9	36.8	47.3	47.4	4,708	3,908	5,831	6,708	4,795	3,980	5,939	6,832
<b>2-year</b>															
2000–01	528,443	298,679	56.5	35.2	28.8	12.1	15.3	2,222	1,009	1,004	2,396	3,080	1,399	1,391	3,320
2005–06	603,320	371,024	61.5	38.0	31.9	11.3	19.0	2,774	1,314	1,297	2,812	3,382	1,603	1,581	3,430
2010–11	763,209	562,945	73.8	55.7	32.8	10.3	24.9	4,557	1,418	1,677	4,802	5,002	1,557	1,841	5,271
2011–12	706,591	539,718	76.4	58.2	33.4	10.9	27.5	4,327	1,508	1,789	4,711	4,614	1,608	1,908	5,023
2012–13	680,220	518,711	76.3	56.3	34.5	11.5	26.9	4,345	1,653	1,891	4,792	4,557	1,733	1,983	5,026
2013–14	676,389	518,042	76.6	56.0	37.1	11.8	24.4	4,432	1,736	1,983	4,772	4,577	1,793	2,048	4,928
2014–15	647,756	497,486	76.8	55.6	39.0	12.4	22.9	4,504	1,839	2,031	4,595	4,618	1,886	2,082	4,711
2015–16	602,470	452,331	75.1	52.6	38.1	13.5	20.9	4,529	2,004	2,067	4,597	4,612	2,041	2,105	4,681
<b>Private nonprofit</b>															
2000–01	439,369	363,044	82.6	28.4	31.8	68.1	57.7	2,879	2,998	7,368	4,019	3,990	4,154	10,211	5,570
2005–06	471,069	401,908	85.3	26.5	31.3	73.8	59.8	3,426	3,117	9,932	5,270	4,178	3,801	12,112	6,426
2010–11	517,831	462,840	89.4	36.4	27.7	78.4	64.3	5,076	3,556	14,324	7,296	5,572	3,903	15,722	8,008
2011–12	512,754	457,227	89.2	34.9	27.0	79.4	63.3	4,656	3,538	15,067	7,480	4,964	3,772	16,066	7,976
2012–13	515,385	458,633	89.0	33.8	26.1	79.9	61.9	4,663	3,673	15,960	7,886	4,891	3,853	16,739	8,271
2013–14	513,574	458,526	89.3	33.7	26.1	81.1	61.1	4,738	3,760	16,832	8,064	4,893	3,883	17,383	8,328
2014–15	535,142	479,437	89.6	35.0	24.9	78.3	60.1	4,763	3,839	17,705	7,940	4,883	3,936	18,152	8,140
2015–16	540,828	484,699	89.6	35.2	23.8	78.7	60.9	4,998	4,013	18,452	7,927	5,090	4,087	18,792	8,073

See notes at end of table.

**Table 331.20. Full-time, first-time degree/certificate-seeking undergraduate students enrolled in degree-granting postsecondary institutions, by participation and average amount awarded in financial aid programs, and control and level of institution: 2000–01 through 2015–16—Continued**

Control and level of institution, and year	Number enrolled	Number awarded financial aid	Percent awarded aid	Percent of enrolled students awarded aid				Average award for students in aid programs <sup>1</sup>							
				Federal grants	State/local grants	Institutional grants	Student loans <sup>3</sup>	Current dollars				Constant 2016–17 dollars <sup>2</sup>			
								Federal grants	State/local grants	Institutional grants	Student loans <sup>3</sup>	Federal grants	State/local grants	Institutional grants	Student loans <sup>3</sup>
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
<b>4-year</b>															
2000–01	419,499	347,638	82.9	27.4	32.2	70.1	58.1	2,930	3,001	7,458	4,000	4,061	4,160	10,336	5,543
2005–06	460,832	393,429	85.4	26.0	31.2	74.6	59.8	3,437	3,121	10,002	5,264	4,192	3,805	12,197	6,419
2010–11	504,715	451,012	89.4	35.4	27.7	79.6	64.3	5,105	3,574	14,414	7,305	5,603	3,922	15,821	8,018
2011–12	499,901	445,144	89.0	33.9	27.0	80.6	63.2	4,683	3,554	15,178	7,493	4,994	3,790	16,185	7,989
2012–13	505,079	449,337	89.0	33.1	26.0	80.7	61.9	4,692	3,680	16,070	7,904	4,921	3,860	16,855	8,291
2013–14	504,584	450,228	89.2	33.1	26.1	81.6	61.0	4,758	3,762	16,966	8,069	4,914	3,886	17,522	8,333
2014–15	503,662	450,897	89.5	32.6	25.9	82.3	60.9	4,830	3,838	17,835	7,994	4,952	3,935	18,286	8,196
2015–16	505,542	451,270	89.3	31.9	25.0	82.1	59.2	4,931	4,017	18,827	8,004	5,022	4,091	19,173	8,151
<b>2-year</b>															
2000–01	19,870	15,406	77.5	49.2	23.9	25.7	49.5	2,269	2,892	2,168	4,509	3,145	4,008	3,004	6,249
2005–06	10,237	8,479	82.8	51.6	36.1	38.5	55.9	3,176	2,974	3,799	5,531	3,873	3,626	4,633	6,745
2010–11	13,116	11,828	90.2	73.3	26.8	29.8	64.3	4,553	2,835	5,059	6,944	4,997	3,111	5,553	7,621
2011–12	12,853	12,083	94.0	76.3	24.3	31.8	65.5	4,180	2,830	4,075	7,014	4,457	3,018	4,346	7,479
2012–13	10,306	9,296	90.2	67.1	30.3	37.7	60.6	3,962	3,373	4,347	6,960	4,155	3,538	4,560	7,300
2013–14	8,990	8,298	92.3	70.6	27.3	49.5	65.5	4,216	3,618	4,346	7,818	4,354	3,736	4,489	8,074
2014–15	31,480	28,540	90.7	74.3	8.4	14.4	48.4	4,288	3,881	5,768	6,855	4,396	3,979	5,913	7,028
2015–16	35,286	33,429	94.7	81.8	7.2	30.0	85.8	5,375	3,816	3,770	7,171	5,474	3,886	3,839	7,303
<b>Private for-profit</b>															
2000–01	203,995	155,374	76.2	49.3	15.2	6.2	63.5	2,312	2,494	1,540	5,517	3,204	3,456	2,134	7,646
2005–06	328,206	263,366	80.2	55.6	11.4	8.8	70.4	2,725	2,796	1,423	6,454	3,323	3,409	1,735	7,870
2010–11	327,935	295,373	90.1	75.7	9.0	15.5	82.0	4,494	3,028	1,884	8,064	4,932	3,324	2,068	8,851
2011–12	291,938	264,678	90.7	75.3	8.4	15.3	82.3	4,327	2,992	2,102	7,797	4,614	3,190	2,241	8,314
2012–13	259,270	227,633	87.8	71.9	7.8	18.2	77.3	4,360	3,159	2,343	8,095	4,573	3,313	2,457	8,491
2013–14	238,987	208,727	87.3	72.8	8.2	21.5	73.3	4,394	3,278	2,489	8,336	4,538	3,386	2,570	8,609
2014–15	192,784	170,305	88.3	73.1	8.6	20.7	76.6	4,421	3,571	3,193	7,906	4,532	3,661	3,273	8,106
2015–16	170,282	147,313	86.5	69.8	8.6	25.3	74.4	4,462	3,844	2,860	8,113	4,544	3,915	2,912	8,263
<b>4-year</b>															
2000–01	81,075	51,739	63.8	36.1	11.9	8.3	57.7	2,295	2,889	1,616	5,749	3,181	4,003	2,239	7,967
2005–06	157,705	116,237	73.7	46.8	8.9	10.9	67.2	2,490	2,945	1,641	7,046	3,037	3,591	2,001	8,592
2010–11	112,706	102,000	90.5	73.6	11.3	23.6	82.9	4,733	2,950	2,805	8,561	5,195	3,238	3,078	9,397
2011–12	112,969	102,357	90.6	75.5	10.7	22.4	82.7	4,692	2,994	2,860	8,231	5,003	3,192	3,050	8,777
2012–13	100,555	89,424	88.9	73.5	9.7	26.9	79.1	4,663	2,941	3,028	8,300	4,890	3,084	3,176	8,705
2013–14	90,264	80,686	89.4	72.5	10.5	34.5	78.1	4,624	3,021	3,065	8,581	4,775	3,120	3,166	8,862
2014–15	81,791	73,040	89.3	71.9	9.8	30.9	75.7	4,677	3,262	4,137	8,237	4,795	3,344	4,241	8,445
2015–16	59,524	51,839	87.1	65.4	10.9	38.4	73.4	4,647	3,725	4,127	8,461	4,733	3,793	4,203	8,617
<b>2-year</b>															
2000–01	122,920	103,635	84.3	58.0	17.3	4.8	67.3	2,319	2,314	1,453	5,387	3,214	3,207	2,013	7,465
2005–06	170,501	147,129	86.3	63.6	13.7	6.8	73.4	2,885	2,706	1,098	5,951	3,518	3,299	1,340	7,257
2010–11	215,229	193,373	89.8	76.8	7.8	11.3	81.5	4,374	3,088	875	7,799	4,801	3,389	960	8,560
2011–12	178,969	162,321	90.7	75.2	6.9	10.8	82.0	4,095	2,990	1,108	7,521	4,367	3,189	1,182	8,020
2012–13	158,715	138,209	87.1	70.9	6.6	12.6	76.2	4,160	3,361	1,417	7,961	4,364	3,525	1,487	8,350
2013–14	148,723	128,041	86.1	73.0	6.7	13.6	70.3	4,256	3,523	1,602	8,171	4,395	3,638	1,655	8,439
2014–15	110,993	97,265	87.6	74.0	7.8	13.1	77.2	4,237	3,856	1,556	7,667	4,344	3,953	1,596	7,861
2015–16	110,758	95,474	86.2	72.2	7.5	18.2	74.9	4,372	3,938	1,425	7,930	4,453	4,010	1,451	8,076

<sup>1</sup>Average amounts for students participating in indicated programs.

<sup>2</sup>Constant dollars based on the Consumer Price Index, prepared by the Bureau of Labor Statistics, U.S. Department of Labor, adjusted to an academic-year basis.

<sup>3</sup>Includes only loans made directly to students. Does not include Parent Loans for Undergraduate Students (PLUS) and other loans made directly to parents.

NOTE: Degree-granting institutions grant associate's or higher degrees and participate in Title IV federal financial aid programs. Data through 2009–10 are for students receiving aid, while later data are for students awarded aid. Students receiving aid are those who were not only awarded aid, but also accepted it. Some data have been revised from previously published figures.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), Spring 2002 through Spring 2011 and Winter 2011–12 through Winter 2016–17, Student Financial Aid component. (This table was prepared December 2017.)

**Table 331.30. Average amount of grant and scholarship aid and average net price for first-time, full-time degree/certificate-seeking students awarded Title IV aid, by control and level of institution and income level: Selected years, 2009–10 through 2015–16**

Level of institution and income level	2009–10 <sup>1</sup>				2013–14				2014–15				2015–16			
	All institutions	Public	Private		All institutions	Public	Private		All institutions	Public	Private		All institutions	Public	Private	
			Nonprofit	For-profit			Nonprofit	For-profit			Nonprofit	For-profit			Nonprofit	For-profit
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
Current dollars																
<b>4-year institutions</b>																
Grant and scholarship aid <sup>2</sup>																
All income levels .....	\$9,050	\$5,980	\$15,560	\$4,420	\$10,860	\$6,740	\$19,160	\$5,680	\$11,310	\$6,970	\$20,010	\$5,620	\$11,810	\$7,190	\$20,920	\$5,980
\$0 to \$30,000 .....	10,290	9,080	17,460	5,110	12,030	9,730	20,330	6,010	12,480	10,060	21,080	5,950	13,100	10,390	21,990	6,190
\$30,001 to \$48,000 .....	11,170	8,330	18,710	4,530	13,030	9,190	22,850	6,220	13,570	9,650	23,660	6,120	14,030	9,840	24,650	6,700
\$48,001 to \$75,000 .....	9,140	4,910	16,810	2,430	11,310	6,060	21,270	4,800	11,790	6,400	22,350	4,770	12,270	6,740	23,250	5,530
\$75,001 to \$110,000 .....	7,150	2,270	14,650	1,220	9,100	2,900	18,810	3,280	9,590	3,200	19,810	3,430	10,070	3,490	20,750	4,480
\$110,001 or more .....	6,300	1,590	11,560	1,020	8,170	1,840	15,260	3,200	8,650	2,010	16,210	3,240	9,180	2,150	17,210	3,920
Net price <sup>3</sup>																
All income levels .....	15,900	11,070	21,780	22,590	16,990	12,480	24,680	20,630	17,480	12,950	25,240	21,290	17,800	13,200	25,690	21,940
\$0 to \$30,000 .....	12,570	7,720	15,970	21,770	12,540	9,030	18,880	19,440	12,760	9,140	19,120	20,370	12,950	9,360	19,480	20,830
\$30,001 to \$48,000 .....	13,110	9,260	17,200	23,590	13,630	10,650	19,260	21,340	13,780	10,710	19,650	22,120	13,880	10,850	19,850	22,280
\$48,001 to \$75,000 .....	16,610	13,290	20,270	26,710	17,290	14,450	21,940	24,090	17,430	14,580	22,190	25,180	17,560	14,680	22,550	24,480
\$75,001 to \$110,000 .....	19,860	16,410	23,900	29,830	21,230	18,200	25,600	27,050	21,420	18,430	25,840	27,490	21,620	18,640	26,090	27,080
\$110,001 or more .....	24,080	17,880	30,210	32,910	26,130	20,270	32,500	29,810	26,600	20,680	33,170	30,160	26,940	21,010	33,570	29,700
<b>2-year institutions</b>																
Grant and scholarship aid <sup>2</sup>																
All income levels .....	4,460	4,540	5,180	4,090	4,780	4,780	5,820	4,450	4,940	4,980	5,770	4,440	5,070	5,080	6,340	4,590
\$0 to \$30,000 .....	5,250	5,450	5,540	4,590	5,590	5,710	5,710	4,830	5,760	5,910	5,730	4,810	5,940	6,110	6,000	4,940
\$30,001 to \$48,000 .....	4,380	4,520	5,080	3,670	5,020	5,060	6,440	4,210	5,290	5,360	5,970	4,260	5,480	5,510	7,550	4,450
\$48,001 to \$75,000 .....	2,240	2,250	4,150	1,960	2,960	2,910	6,060	2,730	3,200	3,160	5,560	2,890	3,340	3,280	7,440	3,120
\$75,001 to \$110,000 .....	800	750	3,240	830	1,000	880	5,400	1,180	1,170	1,040	5,810	1,220	1,270	1,110	7,910	1,670
\$110,001 or more .....	610	600	2,940	470	690	550	5,560	770	780	650	6,070	670	760	580	6,740	1,210
Net price <sup>3</sup>																
All income levels .....	8,930	6,290	16,270	18,360	8,760	7,010	19,900	19,820	8,790	7,040	19,870	20,130	9,040	7,120	20,410	20,460
\$0 to \$30,000 .....	8,560	5,380	16,500	18,240	8,340	6,130	19,440	19,810	8,320	6,080	19,390	20,100	8,630	5,990	20,250	20,450
\$30,001 to \$48,000 .....	8,720	6,330	16,620	19,070	8,220	6,810	20,910	20,220	8,140	6,700	21,360	20,880	8,060	6,690	21,280	21,080
\$48,001 to \$75,000 .....	10,690	8,810	18,650	21,290	10,050	9,050	22,680	21,620	9,960	8,940	22,530	22,300	10,010	9,010	21,560	22,470
\$75,001 to \$110,000 .....	12,230	10,630	20,760	23,020	12,330	11,270	24,930	23,800	12,340	11,280	23,760	24,030	12,450	11,450	23,560	24,150
\$110,001 or more .....	12,760	10,820	20,930	24,620	12,700	11,630	27,900	24,780	12,890	11,780	27,570	25,200	13,250	12,140	27,590	24,750
Constant 2016–17 dollars <sup>4</sup>																
<b>4-year institutions</b>																
Grant and scholarship aid <sup>2</sup>																
All income levels .....	\$10,130	\$6,690	\$17,420	\$4,950	\$11,220	\$6,960	\$19,790	\$5,870	\$11,590	\$7,140	\$20,510	\$5,760	\$12,030	\$7,320	\$21,310	\$6,090
\$0 to \$30,000 .....	11,530	10,160	19,540	5,720	12,420	10,040	20,990	6,210	12,800	10,310	21,610	6,100	13,340	10,580	22,400	6,310
\$30,001 to \$48,000 .....	12,500	9,330	20,950	5,070	13,460	9,490	23,590	6,420	13,910	9,890	24,260	6,280	14,280	10,020	25,110	6,830
\$48,001 to \$75,000 .....	10,230	5,500	18,820	2,720	11,680	6,260	21,960	4,960	12,090	6,560	22,920	4,890	12,490	6,860	23,680	5,630
\$75,001 to \$110,000 .....	8,010	2,540	16,410	1,360	9,400	3,000	19,430	3,390	9,830	3,280	20,310	3,520	10,250	3,500	21,140	4,560
\$110,001 or more .....	7,050	1,780	12,950	1,140	8,440	1,900	15,760	3,310	8,870	2,070	16,620	3,320	9,350	2,190	17,530	3,990
Net price <sup>3</sup>																
All income levels .....	17,800	12,400	24,390	25,290	17,550	12,890	25,490	21,300	17,930	13,280	25,880	21,820	18,130	13,450	26,170	22,340
\$0 to \$30,000 .....	14,070	8,650	17,880	24,380	12,950	9,320	19,500	20,070	13,080	9,370	19,610	20,890	13,190	9,530	19,840	21,210
\$30,001 to \$48,000 .....	14,680	10,360	19,260	26,410	14,070	11,000	19,890	22,040	14,120	10,980	20,150	22,680	14,140	11,050	20,210	22,690
\$48,001 to \$75,000 .....	18,590	14,880	22,690	29,900	17,850	14,920	22,660	24,870	17,870	14,950	22,750	25,820	17,880	14,950	22,960	24,930
\$75,001 to \$110,000 .....	22,230	18,370	26,760	33,390	21,920	18,790	26,440	27,940	21,960	18,890	26,500	28,190	22,020	18,990	26,570	27,580
\$110,001 or more .....	26,970	20,020	33,820	36,850	26,990	20,930	33,570	30,780	27,280	21,200	34,010	30,920	27,440	21,400	34,190	30,240

See notes at end of table.

**Table 331.30. Average amount of grant and scholarship aid and average net price for first-time, full-time degree/certificate-seeking students awarded Title IV aid, by control and level of institution and income level: Selected years, 2009–10 through 2015–16—Continued**

Level of institution and income level	2009–10 <sup>1</sup>				2013–14				2014–15				2015–16			
	All institutions	Public	Private		All institutions	Public	Private		All institutions	Public	Private		All institutions	Public	Private	
			Nonprofit	For-profit			Nonprofit	For-profit			Nonprofit	For-profit			Nonprofit	For-profit
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
<b>2-year institutions</b>																
<b>Grant and scholarship aid<sup>2</sup></b>																
All income levels .....	4,990	5,080	5,800	4,580	4,930	4,940	6,010	4,600	5,070	5,100	5,910	4,550	5,160	5,180	6,460	4,670
\$0 to \$30,000 .....	5,880	6,110	6,210	5,140	5,780	5,890	5,900	4,990	5,910	6,060	5,880	4,930	6,050	6,220	6,110	5,030
\$30,001 to \$48,000 .....	4,900	5,060	5,680	4,110	5,190	5,220	6,650	4,350	5,420	5,490	6,120	4,370	5,580	5,620	7,690	4,540
\$48,001 to \$75,000 .....	2,510	2,520	4,650	2,200	3,060	3,000	6,260	2,820	3,280	3,240	5,700	2,970	3,400	3,340	7,580	3,180
\$75,001 to \$110,000 .....	890	840	3,630	930	1,030	910	5,580	1,220	1,200	1,070	5,960	1,260	1,290	1,130	8,050	1,700
\$110,001 or more .....	690	670	3,290	530	710	570	5,740	790	800	660	6,230	690	780	590	6,860	1,240
<b>Net price<sup>3</sup></b>																
All income levels .....	10,000	7,040	18,220	20,550	9,050	7,240	20,550	20,470	9,010	7,220	20,370	20,640	9,210	7,250	20,790	20,840
\$0 to \$30,000 .....	9,590	6,020	18,470	20,420	8,620	6,330	20,080	20,460	8,530	6,230	19,870	20,610	8,790	6,100	20,630	20,820
\$30,001 to \$48,000 .....	9,760	7,090	18,610	21,350	8,490	7,030	21,590	20,880	8,350	6,870	21,900	21,400	8,210	6,810	21,680	21,470
\$48,001 to \$75,000 .....	11,970	9,870	20,880	23,840	10,380	9,350	23,420	22,330	10,210	9,170	23,100	22,860	10,190	9,170	21,960	22,880
\$75,001 to \$110,000 .....	13,690	11,900	23,240	25,780	12,730	11,640	25,740	24,580	12,650	11,570	24,360	24,640	12,680	11,670	23,990	24,590
\$110,001 or more .....	14,290	12,110	23,440	27,570	13,110	12,010	28,810	25,590	13,220	12,080	28,260	25,840	13,500	12,370	28,100	25,210

<sup>1</sup>Data for 2009–10 are for students receiving aid, while later data are for students awarded aid. Students receiving aid are those who were not only awarded aid, but also accepted it.

<sup>2</sup>Grant and scholarship aid consists of federal Title IV grants, as well as other grant or scholarship aid from the federal government, state or local governments, or institutional sources. Title IV grants include Federal Pell Grants, Federal Supplemental Educational Opportunity Grants (FSEOGs), Academic Competitiveness Grants (ACGs), National Science and Mathematics Access to Retain Talent Grants (National SMART Grants), and Teacher Education Assistance for College and Higher Education (TEACH) Grants. The average amount of grant and scholarship aid by income level was calculated based on all students who were awarded any type of Title IV aid, even those students who were awarded zero Title IV aid in the form of grants and were awarded Title IV aid only in the form of work-study aid or loan aid.

<sup>3</sup>Net price is the total cost of attendance minus grant and scholarship aid from the federal government, state or local governments, or institutional sources. However, average net price by income level was calculated based on all students who were awarded any type of Title IV aid, even those who were awarded zero Title IV aid in the form of grants and were awarded Title IV aid only in the form of work-study aid or loan aid.

<sup>4</sup>Constant dollars based on the Consumer Price Index, prepared by the Bureau of Labor Statistics, U.S. Department of Labor, adjusted to an academic-year basis.

NOTE: Excludes students who previously attended another postsecondary institution or who began their studies on a part-time basis. Includes only first-time, full-time students who paid the in-state or in-district tuition rate (if they attended public institutions) and who were awarded Title IV aid. Excludes the approximately 17 percent of students who were not awarded any Title IV aid. Title IV aid includes grant aid, work-study aid, and loan aid. Data are weighted by the number of students at the institution who were awarded Title IV aid. Totals include students for whom income data were not available. Some data have been revised from previously published figures.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), Spring 2011 and Winter 2016–17, Student Financial Aid component. (This table was prepared December 2017.)



**Table 331.35. Percentage of full-time, full-year undergraduates receiving financial aid, and average annual amount received, by type and source of aid and selected student characteristics: Selected years, 1999–2000 through 2015–16—Continued**

[Standard errors appear in parentheses. Amounts in constant 2016–17 dollars]

Year and selected student characteristic	Number enrolled <sup>1</sup> (in thousands)	Any aid						Grants				Loans <sup>2</sup>					
		Percent receiving			Average amount			Percent receiving		Average amount		Percent receiving	Average amount				
		Total <sup>3</sup>	Federal <sup>4</sup>	Nonfederal	Total <sup>3</sup>	Federal <sup>4</sup>	Nonfederal	Total	Pell	Total	Pell						
2	3	4	5	6	7	8	9	10	11	12	13	14					
<b>Dependency status and family income</b>																	
Dependent.....	5,675 (—)	78.0 (0.34)	59.5 (0.37)	65.1 (0.40)	15,360 (138)	9,050 (74)	10,150 (118)	62.7 (0.44)	25.2 (0.27)	9,100 (100)	3,650 (19)	51.9 (0.38)	11,140 (111)				
Low-income <sup>5</sup> .....	1,203 (—)	92.3 (0.49)	85.9 (0.59)	74.9 (0.62)	15,830 (182)	9,510 (90)	8,600 (150)	89.2 (0.57)	80.9 (0.66)	10,210 (127)	4,270 (18)	56.7 (0.75)	8,620 (163)				
Middle-income <sup>5</sup> .....	2,825 (—)	79.3 (0.41)	59.4 (0.50)	67.1 (0.48)	15,280 (168)	8,500 (98)	10,540 (152)	61.6 (0.50)	16.1 (0.33)	8,650 (133)	2,310 (32)	56.0 (0.50)	11,150 (126)				
High-income <sup>5</sup> .....	1,647 (—)	65.5 (0.66)	40.3 (0.65)	54.4 (0.76)	15,050 (239)	9,750 (217)	10,890 (186)	45.2 (0.84)	† (†)	8,550 (171)	† (†)	41.4 (0.68)	13,640 (231)				
Independent.....	1,851 (—)	86.4 (0.47)	77.4 (0.59)	59.6 (0.74)	13,570 (137)	10,110 (88)	6,550 (117)	70.5 (0.64)	55.8 (0.64)	6,150 (80)	3,830 (30)	63.6 (0.74)	10,320 (113)				
<b>2011–12</b>																	
<b>Total.....</b>	<b>8,864 (—)</b>	<b>84.4 (0.36)</b>	<b>72.8 (0.51)</b>	<b>56.9 (0.46)</b>	<b>\$16,540 (113)</b>	<b>\$11,540 (80)</b>	<b>\$9,770 (118)</b>	<b>72.4 (0.41)</b>	<b>47.1 (0.50)</b>	<b>\$9,840 (98)</b>	<b>\$4,720 (18)</b>	<b>56.7 (0.53)</b>	<b>\$10,760 (80)</b>				
<b>Sex</b>																	
Male.....	3,868 (—)	82.3 (0.50)	70.1 (0.65)	56.2 (0.61)	16,750 (179)	11,730 (116)	9,920 (185)	68.9 (0.58)	42.9 (0.60)	10,040 (159)	4,690 (25)	53.9 (0.70)	10,860 (119)				
Female.....	4,996 (—)	86.0 (0.42)	74.9 (0.60)	57.5 (0.53)	16,380 (142)	11,400 (93)	9,660 (150)	75.1 (0.46)	50.4 (0.62)	9,700 (117)	4,730 (23)	58.8 (0.58)	10,700 (100)				
<b>Race/ethnicity<sup>6</sup></b>																	
White.....	5,369 (—)	82.6 (0.45)	68.5 (0.63)	57.0 (0.50)	16,400 (156)	11,470 (108)	9,990 (148)	68.8 (0.50)	37.8 (0.57)	9,670 (123)	4,520 (26)	56.4 (0.67)	10,970 (105)				
Black.....	1,209 (—)	94.0 (0.54)	90.7 (0.70)	52.8 (1.24)	17,190 (274)	12,680 (167)	8,810 (320)	84.6 (0.72)	73.5 (1.07)	9,170 (204)	4,940 (28)	71.9 (1.12)	10,660 (178)				
Hispanic.....	1,274 (—)	88.3 (0.74)	79.1 (0.91)	60.4 (1.12)	15,710 (330)	10,860 (167)	8,750 (340)	79.9 (0.84)	62.7 (0.94)	9,900 (285)	4,890 (37)	51.2 (1.09)	10,080 (192)				
Asian.....	603 (—)	71.4 (1.77)	58.5 (1.82)	56.4 (1.60)	17,310 (571)	10,150 (264)	11,400 (546)	63.3 (1.71)	40.8 (1.60)	12,520 (473)	4,860 (68)	38.4 (1.59)	10,110 (427)				
Pacific Islander.....	42 (—)	82.1 (3.87)	71.5 (5.20)	55.0 (4.22)	19,000 (1,769)	12,700 (929)	11,840 (1,994)	67.3 (4.42)	44.6 (4.76)	12,750 (1,817)	5,140 (157)	50.7 (5.38)	11,470 (1,248)				
American Indian/Alaska Native.....	67 (—)	93.0 (2.55)	86.4 (2.44)	57.1 (3.82)	15,730 (1,057)	10,640 (548)	9,530 (1,204)	85.4 (3.24)	69.5 (3.37)	9,970 (837)	4,750 (178)	62.3 (3.60)	8,530 (648)				
Two or more races.....	301 (—)	85.8 (1.46)	76.3 (1.76)	59.6 (2.14)	18,200 (580)	12,250 (314)	10,490 (611)	73.1 (1.71)	49.4 (1.94)	10,740 (443)	4,840 (89)	59.3 (2.06)	11,610 (377)				
<b>Age</b>																	
15 to 23.....	6,650 (—)	82.7 (0.39)	68.6 (0.54)	62.4 (0.46)	17,270 (134)	11,150 (96)	10,620 (132)	70.9 (0.43)	39.7 (0.44)	11,030 (119)	4,690 (20)	54.0 (0.53)	10,990 (105)				
24 to 29.....	1,048 (—)	87.5 (0.76)	83.1 (0.91)	43.4 (1.01)	15,050 (256)	12,550 (176)	6,350 (378)	76.7 (0.95)	68.6 (1.11)	6,990 (215)	4,780 (39)	61.9 (1.20)	10,350 (131)				
30 or over.....	1,165 (—)	91.1 (0.72)	87.2 (0.80)	37.8 (1.14)	14,030 (224)	12,390 (154)	5,240 (250)	77.0 (0.90)	70.3 (1.01)	6,190 (133)	4,760 (39)	67.3 (1.08)	10,090 (130)				
<b>Marital status</b>																	
Not married <sup>7</sup> .....	7,920 (—)	84.0 (0.37)	71.6 (0.53)	59.1 (0.47)	16,940 (118)	11,530 (84)	10,080 (123)	72.5 (0.41)	45.3 (0.50)	10,250 (104)	4,730 (18)	56.4 (0.54)	10,880 (86)				
Married.....	828 (—)	86.9 (0.90)	80.6 (1.06)	38.4 (1.18)	13,210 (271)	11,510 (190)	5,730 (357)	69.5 (1.15)	59.5 (1.28)	6,390 (199)	4,580 (50)	57.3 (1.16)	9,880 (179)				
Separated.....	117 (—)	97.2 (1.02)	95.9 (1.25)	37.5 (2.73)	14,000 (552)	12,120 (381)	5,300 (871)	88.6 (2.00)	85.0 (2.35)	6,410 (323)	4,950 (78)	71.4 (2.68)	9,550 (335)				
<b>Dependency status and family income</b>																	
Dependent.....	6,141 (—)	82.3 (0.39)	67.7 (0.56)	63.3 (0.46)	17,550 (141)	11,200 (101)	10,830 (134)	69.9 (0.43)	37.0 (0.43)	11,280 (125)	4,620 (21)	54.3 (0.55)	11,140 (112)				
Low-income <sup>5</sup> .....	1,361 (—)	94.2 (0.58)	90.6 (0.73)	67.9 (0.94)	17,730 (239)	11,230 (124)	9,620 (286)	93.6 (0.61)	89.2 (0.76)	12,120 (218)	5,550 (17)	56.1 (0.89)	8,580 (141)				
Middle-income <sup>5</sup> .....	3,045 (—)	83.2 (0.50)	69.0 (0.68)	65.8 (0.64)	17,590 (195)	10,780 (119)	10,940 (182)	70.1 (0.59)	34.6 (0.55)	10,950 (172)	3,560 (33)	58.2 (0.70)	11,050 (136)				
High-income <sup>5</sup> .....	1,735 (—)	71.3 (0.73)	47.4 (0.89)	55.4 (0.81)	17,260 (320)	12,240 (269)	11,750 (297)	50.9 (0.83)	0.4 (0.07)	10,860 (289)	3,520 (450)	46.1 (0.92)	13,770 (258)				
Independent.....	2,723 (—)	89.2 (0.54)	84.3 (0.64)	42.5 (0.80)	14,430 (177)	12,150 (111)	6,210 (237)	78.1 (0.67)	70.0 (0.79)	6,960 (126)	4,830 (27)	62.0 (0.86)	10,030 (95)				
<b>Housing status</b>																	
School-owned.....	2,219 (—)	88.2 (0.50)	72.9 (0.66)	76.3 (0.59)	23,690 (267)	13,160 (171)	14,800 (266)	78.1 (0.59)	35.9 (0.67)	15,350 (274)	4,670 (38)	65.9 (0.75)	12,160 (150)				
Off-campus, not with parents.....	3,222 (—)	84.4 (0.63)	74.6 (0.73)	48.9 (0.73)	14,370 (180)	11,500 (120)	7,270 (184)	71.6 (0.63)	53.0 (0.77)	7,660 (131)	4,740 (28)	56.1 (0.74)	10,480 (132)				
With parents.....	2,502 (—)	82.7 (0.69)	72.0 (0.85)	52.0 (0.86)	13,200 (179)	10,190 (105)	6,880 (206)	71.2 (0.73)	52.1 (0.87)	7,830 (150)	4,760 (33)	49.4 (0.88)	9,780 (141)				
Attended more than one institution.....	921 (—)	79.9 (0.74)	68.2 (0.94)	51.5 (0.87)	14,880 (239)	11,380 (152)	8,030 (252)	64.9 (0.90)	40.0 (0.86)	8,330 (194)	4,580 (42)	56.3 (1.00)	10,130 (156)				
<b>2015–16</b>																	
<b>Total.....</b>	<b>7,239 (—)</b>	<b>86.4 (0.26)</b>	<b>69.8 (0.33)</b>	<b>66.9 (0.40)</b>	<b>\$18,550 (107)</b>	<b>\$12,010 (60)</b>	<b>\$11,440 (124)</b>	<b>76.7 (0.31)</b>	<b>44.0 (0.31)</b>	<b>\$11,550 (94)</b>	<b>\$4,770 (16)</b>	<b>54.7 (0.33)</b>	<b>\$11,350 (77)</b>				
<b>Sex</b>																	
Male.....	3,202 (—)	84.2 (0.45)	66.7 (0.56)	65.4 (0.62)	18,900 (173)	12,450 (120)	11,640 (190)	73.3 (0.52)	40.0 (0.58)	11,720 (162)	4,700 (25)	52.0 (0.51)	11,480 (135)				
Female.....	4,037 (—)	88.3 (0.31)	72.3 (0.41)	68.1 (0.51)	18,280 (156)	11,680 (87)	11,290 (159)	79.3 (0.40)	47.2 (0.46)	11,430 (126)	4,810 (21)	56.8 (0.49)	11,260 (112)				
<b>Race/ethnicity<sup>6</sup></b>																	
White.....	4,171 (—)	85.7 (0.42)	66.7 (0.54)	67.6 (0.52)	18,720 (154)	11,990 (91)	11,910 (176)	73.8 (0.48)	34.0 (0.49)	11,420 (127)	4,610 (26)	56.0 (0.52)	11,830 (109)				
Black.....	935 (—)	95.5 (0.42)	88.3 (0.60)	65.9 (1.23)	19,710 (385)	13,470 (221)	10,510 (380)	88.0 (0.66)	71.8 (0.88)	11,390 (292)	4,900 (35)	70.9 (1.08)	10,890 (229)				
Hispanic.....	1,168 (—)	89.0 (0.65)	76.2 (0.81)	67.9 (0.84)	17,170 (334)	11,190 (179)	9,930 (340)	82.4 (0.74)	59.8 (0.90)	11,090 (271)	4,860 (36)	50.1 (0.90)	10,270 (207)				
Asian.....	618 (—)	71.3 (1.30)	49.5 (1.45)	61.1 (1.37)	18,340 (479)	10,610 (281)	12,820 (526)	65.9 (1.35)	36.4 (1.35)	13,840 (430)	5,030 (62)	31.2 (1.26)	10,700 (456)				
Pacific Islander.....	22 (—)	90.1 (3.86)	76.0 (5.62)	71.7 (5.83)	17,540 (1,560)	12,390 (1,195)	8,910 (1,472)	83.5 (4.79)	58.5 (6.28)	10,280 (1,309)	5,030 (219)	52.9 (7.06)	12,280 (1,481)				
American Indian/Alaska Native.....	49 (—)	92.2 (2.28)	77.4 (3.78)	64.5 (4.46)	15,080 (1,481)	9,720 (625)	9,900 (1,714)	87.5 (2.76)	61.6 (4.57)	10,750 (1,469)	4,680 (174)	37.7 (4.26)	9,000 (583)				
Two or more races.....	277 (—)	88.6 (1.39)	70.3 (2.07)	68.5 (1.60)	18,790 (613)	12,390 (440)	11,600 (607)	79.1 (1.59)	48.0 (1.84)	11,940 (495)	4,830 (82)	53.7 (1.95)	11,160 (445)				
<b>Age</b>																	
15 to 23.....	5,835 (—)	85.6 (0.28)	66.3 (0.37)	70.5 (0.39)	19,020 (127)	11,310 (62)	12,460 (135)	75.9 (0.34)	38.4 (0.33)	12,650 (114)	4,730 (20)	53.0 (0.37)	11,580 (92)				
24 to 29.....	722 (—)	89.4 (0.73)	84.0 (0.84)	53.6 (1.25)	17,260 (272)	14,200 (198)	6,530 (255)	80.7 (0.86)	69.5 (1.00)	7,800 (165)	4,820 (45)	60.4 (1.01)	10,570 (175)				
30 or over.....	682 (—)	90.7 (0.76)	84.4 (0.90)	50.4 (1.67)	16,070 (235)	14,400 (217)	4,820 (190)	78.9 (1.02)	65.1 (1.07)	6,590 (106)	4,890 (39)	62.3 (1.15)	10,480 (134)				

See notes at end of table.

**Table 331.35. Percentage of full-time, full-year undergraduates receiving financial aid, and average annual amount received, by type and source of aid and selected student characteristics: Selected years, 1999–2000 through 2015–16—Continued**

[Standard errors appear in parentheses. Amounts in constant 2016–17 dollars]

Year and selected student characteristic	Number enrolled <sup>1</sup> (in thousands)	Any aid						Grants				Loans <sup>2</sup>			
		Percent receiving			Average amount			Percent receiving		Average amount		Percent receiving	Average amount		
		Total <sup>3</sup>	Federal <sup>4</sup>	Nonfederal	Total <sup>3</sup>	Federal <sup>4</sup>	Nonfederal	Total	Pell	Total	Pell				
2	3	4	5	6	7	8	9	10	11	12	13	14			
<b>Marital status</b>															
Not married <sup>7</sup> .....	6,684 (—)	86.4 (0.26)	69.1 (0.34)	68.4 (0.39)	18,750 (112)	11,780 (61)	11,790 (125)	76.9 (0.31)	42.9 (0.32)	11,920 (98)	4,770 (17)	54.8 (0.34)	11,430 (83)		
Married.....	506 (—)	86.6 (1.04)	77.8 (1.25)	48.9 (1.55)	16,050 (310)	14,330 (257)	5,620 (299)	72.4 (1.36)	56.1 (1.34)	6,750 (170)	4,700 (57)	52.0 (1.45)	10,410 (211)		
Separated.....	48 (—)	91.4 (2.46)	87.2 (2.90)	53.2 (4.31)	16,850 (750)	14,600 (626)	4,980 (768)	87.2 (2.79)	80.9 (3.27)	7,660 (450)	5,280 (85)	67.9 (3.86)	10,290 (466)		
<b>Dependency status and family income</b>															
Dependent.....	5,352 (—)	86.7 (0.30)	68.0 (0.37)	71.9 (0.41)	19,250 (129)	11,220 (65)	12,610 (139)	76.5 (0.35)	38.0 (0.35)	12,800 (118)	4,680 (22)	54.8 (0.39)	11,680 (96)		
Low-income <sup>5</sup> .....	1,043 (—)	96.2 (0.40)	91.3 (0.62)	76.7 (0.92)	19,460 (295)	11,460 (151)	10,770 (288)	95.9 (0.41)	90.2 (0.65)	13,770 (250)	5,650 (15)	55.4 (0.95)	9,080 (208)		
Middle-income <sup>5</sup> .....	2,691 (—)	88.2 (0.41)	71.8 (0.51)	74.5 (0.52)	19,100 (185)	10,670 (112)	12,350 (181)	78.9 (0.51)	40.5 (0.59)	12,370 (165)	3,840 (30)	58.4 (0.55)	11,230 (143)		
High-income <sup>5</sup> .....	1,619 (—)	78.0 (0.71)	46.8 (0.77)	64.5 (0.79)	19,380 (294)	12,300 (216)	14,510 (311)	60.0 (0.79)	# (†)	12,740 (286)	† (†)	48.6 (0.75)	14,470 (273)		
Independent.....	1,887 (—)	85.7 (0.53)	74.8 (0.63)	52.8 (0.97)	16,530 (188)	14,040 (140)	6,940 (198)	77.2 (0.62)	61.2 (0.68)	8,040 (128)	4,920 (28)	54.1 (0.74)	10,410 (101)		
<b>Housing status</b>															
School-owned.....	2,089 (—)	90.4 (0.45)	69.5 (0.65)	81.2 (0.54)	25,270 (265)	13,260 (152)	16,780 (276)	82.4 (0.57)	35.9 (0.66)	16,860 (245)	4,760 (42)	63.6 (0.71)	12,820 (193)		
Off-campus, not with parents.....	2,794 (—)	85.5 (0.47)	71.3 (0.61)	60.1 (0.72)	16,620 (160)	12,520 (115)	8,800 (160)	74.5 (0.57)	48.3 (0.66)	9,150 (115)	4,810 (24)	55.2 (0.60)	10,970 (110)		
With parents.....	1,502 (—)	83.6 (0.64)	66.4 (0.85)	63.1 (0.93)	12,830 (223)	9,200 (151)	7,320 (175)	75.4 (0.74)	47.8 (0.84)	8,600 (158)	4,760 (36)	39.7 (0.96)	9,590 (216)		
Attended more than one institution.	855 (—)	84.7 (0.71)	71.6 (0.99)	60.9 (1.07)	17,310 (275)	11,920 (165)	10,050 (387)	72.2 (1.03)	43.4 (1.28)	10,280 (282)	4,660 (41)	57.5 (1.07)	10,700 (174)		

—Not available.

†Not applicable.

#Rounds to zero.

‡Reporting standards not met. Either there are too few cases for a reliable estimate or the coefficient of variation (CV) is 50 percent or greater.

<sup>1</sup>Numbers of undergraduates may not equal figures reported in other tables, since these data are based on a sample survey of students who enrolled at any time during the academic year.

<sup>2</sup>Includes Parent Loans for Undergraduate Students (PLUS).

<sup>3</sup>Includes students who reported they were awarded aid but did not specify the source of aid as well as students who specified work study, vocational rehabilitation and training, and military education assistance, which are not separately shown.

<sup>4</sup>Includes Department of Veterans Affairs and Department of Defense benefits.

<sup>5</sup>Low-income students have family incomes below the 25th percentile, middle-income students have family incomes from the 25th to the 75th percentile, and high-income students have family incomes above the 75th percentile.

<sup>6</sup>The 2012 and 2016 questionnaires did not offer students the option of choosing an “Other” race category.

<sup>7</sup>Includes students who were single, divorced, or widowed.

NOTE: Full-time, full-year undergraduates are those who were enrolled full time for 9 or more months at one or more institutions. Data include undergraduates in degree-granting and non-degree-granting institutions. Constant dollars based on the Consumer Price Index, prepared by the Bureau of Labor Statistics, U.S. Department of Labor, adjusted to an academic-year basis. Detail may not sum to totals because of rounding and because some students receive multiple types of aid and aid from different sources. Data exclude Puerto Rico. Race categories exclude persons of Hispanic ethnicity. Some data have been revised from previously published figures.

SOURCE: U.S. Department of Education, National Center for Education Statistics, 1999–2000, 2003–04, 2007–08, 2011–12, and 2015–16 National Postsecondary Student Aid Study (NPSAS:2000, NPSAS:04, NPSAS:08, NPSAS:12, and NPSAS:16). (This table was prepared February 2018.)

**Table 331.40. Average amount of financial aid awarded to full-time, full-year undergraduates, by type and source of aid and selected student characteristics: 2015–16**

[In current dollars. Standard errors appear in parentheses]

Selected student characteristic	Any aid						Grants						Loans			Work study				
	Total <sup>1</sup>		Federal <sup>2</sup>		Nonfederal		Total		Federal		Nonfederal		Total <sup>3</sup>		Federal <sup>3</sup>		Nonfederal		Total <sup>4</sup>	
1	2		3		4		5		6		7		8		9		10		11	
<b>All full-time, full-year undergraduates</b> .....	<b>\$18,210</b>	<b>(105)</b>	<b>\$11,790</b>	<b>(58)</b>	<b>\$11,240</b>	<b>(121)</b>	<b>\$11,340</b>	<b>(92)</b>	<b>\$6,190</b>	<b>(57)</b>	<b>\$10,220</b>	<b>(114)</b>	<b>\$11,140</b>	<b>(75)</b>	<b>\$9,810</b>	<b>(48)</b>	<b>\$10,200</b>	<b>(238)</b>	<b>\$2,430</b>	<b>(30)</b>
<b>Sex</b>																				
Male .....	18,560	(170)	12,220	(118)	11,430	(187)	11,510	(159)	7,040	(103)	10,440	(182)	11,270	(133)	9,910	(106)	10,460	(341)	2,450	(51)
Female .....	17,950	(153)	11,470	(85)	11,090	(156)	11,220	(123)	5,590	(67)	10,050	(151)	11,050	(110)	9,740	(85)	10,010	(326)	2,420	(43)
<b>Race/ethnicity</b>																				
White .....	18,380	(152)	11,770	(89)	11,690	(173)	11,220	(125)	6,370	(86)	10,390	(152)	11,620	(107)	9,900	(73)	10,770	(292)	2,360	(35)
Black .....	19,350	(378)	13,230	(217)	10,320	(373)	11,180	(287)	5,960	(105)	9,880	(373)	10,700	(225)	10,080	(200)	8,790	(838)	2,450	(98)
Hispanic .....	16,860	(328)	10,990	(176)	9,750	(334)	10,890	(266)	5,950	(101)	9,100	(327)	10,080	(203)	9,250	(186)	8,630	(697)	2,620	(86)
Asian .....	18,010	(470)	10,420	(276)	12,580	(517)	13,590	(423)	6,080	(177)	11,900	(481)	10,500	(448)	9,300	(406)	10,120	(992)	2,540	(104)
Pacific Islander .....	17,220	(1,532)	12,160	(1,174)	8,750	(1,445)	10,090	(1,285)	5,940	(527)	7,990	(1,426)	12,060	(1,454)	10,810	(1,276)	‡	(†)	‡	(†)
American Indian/Alaska Native .....	14,810	(1,455)	9,540	(614)	9,720	(1,683)	10,560	(1,443)	6,210	(490)	9,420	(1,713)	8,840	(572)	8,450	(544)	‡	(†)	‡	(†)
Two or more races .....	18,450	(602)	12,170	(432)	11,390	(596)	11,730	(486)	6,630	(315)	10,450	(558)	10,960	(437)	10,060	(393)	8,590	(876)	2,590	(200)
<b>Age</b>																				
15 to 23 years old .....	18,680	(124)	11,100	(61)	12,230	(132)	12,420	(112)	5,330	(51)	11,180	(124)	11,370	(91)	9,860	(57)	10,260	(251)	2,380	(30)
24 to 29 years old .....	16,950	(267)	13,940	(195)	6,410	(250)	7,660	(162)	8,030	(189)	5,410	(209)	10,370	(172)	9,510	(112)	10,050	(804)	2,780	(149)
30 years old or over .....	15,780	(231)	14,140	(213)	4,730	(187)	6,470	(104)	8,250	(230)	3,940	(159)	10,290	(132)	9,720	(120)	9,410	(598)	3,430	(257)
<b>Marital status</b>																				
Not married <sup>5</sup> .....	18,410	(110)	11,570	(60)	11,580	(122)	11,710	(96)	5,810	(56)	10,550	(115)	11,220	(82)	9,830	(51)	10,210	(243)	2,420	(30)
Married .....	15,760	(305)	14,070	(252)	5,520	(294)	6,630	(167)	9,550	(293)	4,640	(256)	10,220	(208)	9,470	(150)	10,350	(911)	2,730	(214)
Separated .....	16,540	(737)	14,340	(615)	4,890	(754)	7,520	(442)	6,970	(428)	4,450	(757)	10,110	(458)	9,900	(435)	‡	(†)	‡	(†)
<b>Dependency status and family income</b>																				
Dependent .....	18,910	(127)	11,010	(64)	12,380	(137)	12,570	(116)	5,190	(54)	11,300	(128)	11,470	(94)	9,910	(59)	10,240	(250)	2,360	(30)
Less than \$20,000 .....	19,080	(352)	11,200	(175)	10,620	(354)	13,570	(306)	5,930	(37)	10,270	(356)	8,810	(235)	8,430	(227)	6,820	(629)	2,460	(83)
\$20,000–\$39,999 .....	19,360	(369)	11,090	(181)	10,850	(321)	13,420	(281)	5,400	(57)	10,390	(310)	9,160	(224)	8,520	(195)	6,320	(572)	2,510	(80)
\$40,000–\$59,999 .....	19,210	(396)	10,270	(199)	11,720	(380)	12,130	(333)	3,690	(85)	10,910	(371)	10,390	(245)	9,140	(214)	8,590	(676)	2,470	(89)
\$60,000–\$79,999 .....	17,730	(413)	9,700	(259)	12,380	(367)	11,360	(338)	2,740	(157)	11,350	(349)	11,150	(317)	9,600	(266)	9,580	(772)	2,250	(101)
\$80,000–\$99,999 .....	18,810	(481)	11,010	(331)	12,960	(439)	11,440	(429)	6,870	(1,075)	11,320	(430)	12,900	(388)	10,600	(354)	11,270	(671)	2,240	(119)
\$100,000 or more .....	18,910	(266)	11,800	(177)	14,080	(282)	12,420	(261)	13,760	(1,299)	12,440	(264)	13,850	(228)	11,530	(174)	12,030	(394)	2,180	(55)
Independent .....	16,230	(184)	13,780	(137)	6,810	(194)	7,890	(126)	7,890	(135)	6,010	(189)	10,220	(99)	9,520	(72)	9,970	(526)	2,900	(110)
Less than \$10,000 .....	17,120	(307)	13,850	(220)	8,120	(310)	9,630	(230)	7,430	(164)	7,430	(297)	10,100	(167)	9,470	(132)	10,190	(1,082)	2,890	(139)
\$10,000–\$19,999 .....	15,570	(364)	13,180	(274)	5,780	(318)	7,220	(190)	6,510	(212)	5,110	(278)	9,870	(193)	9,310	(165)	8,220	(677)	2,580	(206)
\$20,000–\$29,999 .....	16,520	(553)	14,180	(388)	6,120	(585)	6,810	(368)	8,440	(428)	5,320	(557)	10,400	(339)	9,700	(225)	10,690	(1,706)	3,440	(560)
\$30,000–\$49,999 .....	15,780	(377)	14,210	(331)	5,140	(322)	6,290	(157)	9,770	(390)	4,000	(257)	10,420	(265)	9,580	(199)	10,320	(1,104)	2,850	(256)
\$50,000 or more .....	14,670	(431)	13,710	(414)	6,190	(432)	5,340	(255)	10,760	(704)	4,910	(331)	10,860	(374)	9,850	(222)	10,930	(1,337)	‡	(†)
<b>Housing status</b>																				
School-owned .....	24,820	(260)	13,020	(149)	16,480	(271)	16,550	(241)	5,780	(109)	15,050	(260)	12,590	(189)	10,690	(147)	11,120	(449)	2,300	(38)
Off-campus, not with parents .....	16,320	(157)	12,290	(113)	8,640	(157)	8,980	(113)	6,810	(98)	7,620	(146)	10,770	(108)	9,610	(89)	10,320	(372)	2,740	(75)
With parents .....	12,600	(219)	9,040	(148)	7,190	(172)	8,440	(155)	5,260	(81)	6,710	(166)	9,420	(212)	8,670	(202)	7,860	(442)	2,450	(96)
Attended more than one institution .....	17,000	(270)	11,710	(162)	9,870	(380)	10,100	(277)	6,450	(168)	9,020	(383)	10,510	(171)	9,480	(150)	9,010	(443)	2,290	(71)

†Not applicable.

‡Reporting standards not met. Either there are too few cases for a reliable estimate or the coefficient of variation (CV) is 50 percent or greater.

<sup>1</sup>Includes students who reported they were awarded aid, but did not specify the source or type of aid.

<sup>2</sup>Includes Department of Veterans Affairs and Department of Defense benefits.

<sup>3</sup>Includes Parent Loans for Undergraduate Students (PLUS).

<sup>4</sup>Details on federal and nonfederal work-study participants are not available.

<sup>5</sup>Includes students who were single, divorced, or widowed.

NOTE: Aid averages are for those students who received the specified type of aid. Detail may not sum to totals because of rounding and because some students receive multiple types of aid and aid from different sources. Full-time, full-year undergraduates were enrolled full time for 9 or more months at one or more institutions. Data include undergraduates in degree-granting and non-degree-granting institutions. Data exclude Puerto Rico. Race categories exclude persons of Hispanic ethnicity.

SOURCE: U.S. Department of Education, National Center for Education Statistics, 2015–16 National Postsecondary Student Aid Study (NPSAS:16). (This table was prepared June 2018.)

**Table 331.45. Average amount of financial aid awarded to part-time or part-year undergraduates, by type and source of aid and selected student characteristics: 2015–16**  
[In current dollars. Standard errors appear in parentheses]

Selected student characteristic	Any aid						Grants						Loans						Work study	
	Total <sup>1</sup>		Federal <sup>2</sup>		Nonfederal		Total		Federal		Nonfederal		Total <sup>3</sup>		Federal <sup>3</sup>		Nonfederal		Total <sup>4</sup>	
1	2		3		4		5		6		7		8		9		10		11	
<b>All part-time or part-year undergraduates</b> .....	<b>\$7,550</b>	<b>(81)</b>	<b>\$7,000</b>	<b>(62)</b>	<b>\$3,830</b>	<b>(79)</b>	<b>\$4,210</b>	<b>(54)</b>	<b>\$3,860</b>	<b>(57)</b>	<b>\$3,420</b>	<b>(77)</b>	<b>\$7,030</b>	<b>(67)</b>	<b>\$6,700</b>	<b>(56)</b>	<b>\$6,030</b>	<b>(234)</b>	<b>\$2,370</b>	<b>(85)</b>
<b>Sex</b>																				
Male.....	7,610	(124)	7,300	(131)	3,820	(92)	4,170	(65)	4,600	(132)	3,430	(86)	6,990	(113)	6,660	(94)	6,050	(342)	2,320	(106)
Female.....	7,500	(98)	6,810	(63)	3,840	(99)	4,250	(69)	3,410	(32)	3,410	(99)	7,050	(83)	6,720	(68)	6,030	(279)	2,410	(102)
<b>Race/ethnicity</b>																				
White.....	7,570	(122)	7,040	(97)	4,080	(124)	4,140	(84)	4,040	(97)	3,580	(118)	6,980	(91)	6,560	(76)	6,250	(310)	2,290	(102)
Black.....	8,480	(155)	7,680	(137)	3,740	(143)	4,310	(97)	3,670	(76)	3,450	(145)	7,100	(125)	6,910	(128)	5,280	(309)	2,210	(182)
Hispanic.....	6,430	(133)	6,110	(118)	3,060	(103)	3,960	(81)	3,630	(70)	2,760	(97)	6,820	(142)	6,620	(138)	5,320	(384)	2,560	(172)
Asian.....	7,860	(348)	6,880	(278)	4,850	(284)	5,320	(242)	4,020	(152)	4,370	(271)	8,390	(439)	7,730	(430)	7,790	(1,157)	2,850	(182)
Pacific Islander.....	8,610	(1,095)	8,800	(1,285)	2,910	(586)	4,050	(477)	6,220	(1,551)	2,800	(602)	7,290	(698)	7,260	(704)	†	(†)	†	(†)
American Indian/Alaska Native.....	6,400	(408)	6,170	(408)	2,920	(436)	3,680	(284)	3,540	(252)	2,750	(451)	6,000	(568)	6,040	(600)	†	(†)	†	(†)
Two or more races.....	8,430	(314)	7,530	(249)	4,220	(364)	4,620	(256)	4,060	(219)	3,860	(363)	6,920	(255)	6,670	(221)	6,430	(1,047)	2,190	(512)
<b>Age</b>																				
15 to 23 years old.....	7,800	(127)	6,220	(87)	4,960	(126)	5,180	(94)	3,450	(48)	4,500	(121)	6,950	(140)	6,400	(118)	6,440	(335)	2,200	(77)
24 to 29 years old.....	7,670	(126)	7,670	(129)	2,840	(85)	3,560	(63)	4,250	(125)	2,420	(83)	7,170	(84)	6,980	(80)	5,660	(317)	2,520	(171)
30 years old or over.....	7,070	(98)	7,570	(98)	2,590	(67)	3,260	(49)	4,080	(80)	2,280	(64)	7,020	(83)	6,870	(81)	5,320	(358)	3,060	(264)
<b>Marital status</b>																				
Not married <sup>5</sup> .....	7,670	(97)	6,840	(70)	4,130	(94)	4,450	(64)	3,670	(58)	3,690	(90)	7,010	(85)	6,630	(69)	6,210	(262)	2,320	(77)
Married.....	6,980	(109)	7,520	(115)	2,630	(76)	3,220	(63)	4,580	(122)	2,350	(76)	7,110	(104)	7,000	(95)	5,110	(345)	2,890	(384)
Separated.....	8,130	(366)	8,320	(339)	2,710	(332)	3,740	(205)	4,630	(308)	2,450	(355)	6,860	(234)	6,670	(232)	4,210	(804)	†	(†)
<b>Dependency status and family income</b>																				
Dependent.....	8,040	(148)	6,140	(96)	5,240	(145)	5,450	(110)	3,360	(38)	4,770	(137)	7,040	(165)	6,450	(137)	6,430	(374)	2,210	(77)
Less than \$20,000.....	7,540	(182)	5,740	(127)	4,120	(180)	5,420	(132)	3,630	(50)	3,860	(173)	5,870	(199)	5,620	(197)	5,720	(585)	2,260	(141)
\$20,000–\$39,999.....	8,130	(257)	6,090	(201)	4,660	(184)	5,710	(152)	3,550	(57)	4,440	(188)	6,390	(316)	6,200	(340)	4,640	(611)	2,570	(143)
\$40,000–\$59,999.....	7,400	(291)	5,560	(226)	4,410	(250)	4,690	(194)	2,300	(65)	4,240	(254)	6,360	(295)	6,260	(312)	3,950	(535)	2,090	(162)
\$60,000–\$79,999.....	6,740	(311)	5,890	(258)	4,440	(264)	3,960	(232)	2,020	(226)	3,980	(253)	6,680	(326)	6,180	(277)	5,460	(566)	1,940	(229)
\$80,000–\$99,999.....	8,130	(513)	6,490	(413)	6,010	(503)	5,280	(490)	2,910	(1,170)	5,200	(488)	7,560	(423)	6,600	(398)	7,490	(963)	2,170	(277)
\$100,000 or more.....	9,850	(456)	7,910	(399)	7,830	(421)	6,920	(361)	10,480	(1,751)	6,930	(367)	8,950	(445)	7,600	(389)	8,330	(853)	1,810	(175)
Independent.....	7,250	(76)	7,500	(79)	2,820	(58)	3,480	(40)	4,110	(81)	2,450	(57)	7,020	(52)	6,840	(47)	5,640	(248)	2,640	(149)
Less than \$10,000.....	7,800	(134)	7,740	(116)	3,150	(136)	4,100	(88)	4,140	(98)	2,760	(130)	6,880	(96)	6,650	(92)	5,950	(423)	2,300	(156)
\$10,000–\$19,999.....	7,300	(143)	7,010	(145)	2,650	(96)	3,530	(67)	3,500	(92)	2,200	(87)	6,750	(132)	6,560	(125)	5,630	(308)	2,860	(213)
\$20,000–\$29,999.....	7,110	(191)	7,400	(183)	2,470	(112)	3,090	(70)	4,080	(171)	2,100	(94)	6,930	(159)	6,690	(132)	5,770	(764)	3,100	(335)
\$30,000–\$49,999.....	7,290	(196)	7,610	(216)	2,670	(112)	3,290	(84)	4,670	(220)	2,370	(109)	7,190	(144)	7,050	(142)	5,300	(461)	3,010	(536)
\$50,000 or more.....	6,440	(148)	7,770	(179)	2,890	(100)	2,760	(86)	4,880	(226)	2,590	(96)	7,550	(152)	7,490	(150)	5,350	(442)	†	(†)
<b>Housing status</b>																				
School-owned.....	13,740	(558)	9,340	(330)	8,670	(485)	8,870	(442)	4,110	(163)	8,010	(480)	8,660	(350)	7,780	(314)	7,590	(833)	1,880	(136)
Off-campus, not with parents.....	7,350	(99)	7,250	(94)	3,300	(67)	3,730	(43)	3,960	(83)	2,850	(58)	7,040	(73)	6,750	(63)	6,010	(297)	2,500	(117)
With parents.....	5,910	(97)	5,340	(89)	3,260	(99)	4,020	(76)	3,370	(51)	3,000	(101)	6,020	(129)	5,810	(133)	4,920	(295)	2,780	(175)
Attended more than one institution.....	8,680	(178)	7,980	(157)	4,020	(157)	4,430	(103)	4,370	(152)	3,570	(158)	7,280	(177)	6,940	(177)	6,840	(419)	1,940	(156)

†Not applicable.

!Interpret data with caution. The coefficient of variation (CV) for this estimate is between 30 and 50 percent.

‡Reporting standards not met. Either there are too few cases for a reliable estimate or the coefficient of variation (CV) is 50 percent or greater.

<sup>1</sup>Includes students who reported they were awarded aid, but did not specify the source or type of aid.

<sup>2</sup>Includes Department of Veterans Affairs and Department of Defense benefits.

<sup>3</sup>Includes Parent Loans for Undergraduate Students (PLUS).

<sup>4</sup>Details on federal and nonfederal work-study participants are not available.

<sup>5</sup>Includes students who were single, divorced, or widowed.

NOTE: Aid averages are for those students who received the specified type of aid. Detail may not sum to totals because of rounding and because some students receive multiple types of aid and aid from different sources. Part-time or part-year undergraduates include students enrolled part time for 9 or more months and students enrolled less than 9 months either part time or full time. Data include undergraduates in degree-granting and non-degree-granting institutions. Data exclude students attending institutions in Puerto Rico. Race categories exclude persons of Hispanic ethnicity.

SOURCE: U.S. Department of Education, National Center for Education Statistics, 2015–16 National Postsecondary Student Aid Study (NPSAS:16). (This table was prepared June 2018.)

**Table 331.50. Aid status and sources of aid for full-time and part-time undergraduates, by control and level of institution: 2011–12 and 2015–16**  
[Standard errors appear in parentheses]

Control and level of institution	Number of undergraduates <sup>1</sup> (in thousands)	Aid status (percent of students)											
		Nonaided	Source of aid										
			Any aid <sup>2,3</sup>	Federal <sup>3</sup>	State	Institutional	Other <sup>2</sup>						
1	2	3	4	5	6	7	8						
2011–12													
<b>Full-time, full-year student<sup>4</sup></b>													
<b>All institutions.....</b>	<b>8,864</b>	<b>15.6</b>	<b>(0.36)</b>	<b>84.4</b>	<b>(0.36)</b>	<b>72.8</b>	<b>(0.51)</b>	<b>26.5</b>	<b>(0.48)</b>	<b>31.0</b>	<b>(0.45)</b>	<b>28.1</b>	<b>(0.36)</b>
Public.....	5,997	19.6	(0.47)	80.4	(0.47)	68.4	(0.61)	30.2	(0.64)	22.0	(0.52)	24.3	(0.36)
4-year doctoral.....	2,893	16.1	(0.46)	83.9	(0.46)	70.9	(0.47)	31.2	(0.69)	32.2	(0.90)	28.1	(0.49)
Other 4-year.....	969	16.5	(0.93)	83.5	(0.93)	72.7	(1.34)	31.3	(1.36)	21.6	(1.32)	27.5	(0.90)
2-year.....	2,104	25.5	(1.03)	74.5	(1.03)	63.0	(1.24)	28.3	(1.31)	8.3	(0.54)	17.8	(0.57)
Less-than-2-year.....	31	28.4	(4.50)	71.6	(4.50)	67.8	(4.72)	18.2	! (6.85)	‡ (†)	(†)	18.9	(4.08)
Private, nonprofit.....	1,875	8.4	(0.55)	91.6	(0.55)	76.1	(0.75)	25.3	(0.87)	73.7	(0.97)	39.6	(0.96)
4-year doctoral.....	990	9.6	(0.84)	90.4	(0.84)	74.3	(0.94)	23.3	(1.29)	74.5	(1.29)	38.9	(1.50)
Other 4-year.....	849	6.9	(0.68)	93.1	(0.68)	78.0	(1.20)	28.0	(1.24)	74.3	(1.38)	40.5	(1.08)
Less-than-4-year.....	36	9.8	! (4.12)	90.2	(4.12)	78.1	(5.04)	19.5	! (7.60)	34.5	! (11.90)	38.4	(4.24)
Private, for-profit.....	992	5.2	(0.46)	94.8	(0.46)	93.1	(0.51)	6.9	(0.70)	4.8	(0.72)	29.2	(0.89)
2-year and above.....	859	5.4	(0.53)	94.6	(0.53)	92.8	(0.59)	7.5	(0.78)	5.4	(0.83)	30.7	(0.86)
Less-than-2-year.....	133	4.1	(0.75)	95.9	(0.75)	95.2	(0.79)	‡	(†)	‡	(†)	19.3	(2.30)
<b>Part-time or part-year students<sup>5</sup></b>													
<b>All institutions.....</b>	<b>14,192</b>	<b>37.9</b>	<b>(1.05)</b>	<b>62.1</b>	<b>(1.05)</b>	<b>51.1</b>	<b>(1.10)</b>	<b>14.6</b>	<b>(0.51)</b>	<b>7.3</b>	<b>(0.27)</b>	<b>16.4</b>	<b>(0.34)</b>
Public.....	10,929	44.0	(1.18)	56.0	(1.18)	44.5	(1.22)	16.7	(0.63)	5.6	(0.24)	13.4	(0.36)
4-year doctoral.....	1,875	33.9	(1.04)	66.1	(1.04)	53.4	(0.81)	15.1	(0.61)	13.4	(0.87)	20.7	(0.73)
Other 4-year.....	1,477	40.5	(1.46)	59.5	(1.46)	49.7	(1.66)	12.0	(0.74)	6.8	(0.80)	16.9	(0.94)
2-year.....	7,521	47.3	(1.36)	52.7	(1.36)	41.2	(1.39)	18.0	(0.87)	3.5	(0.25)	10.9	(0.39)
Less-than-2-year.....	56	29.8	(4.21)	70.2	(4.21)	60.3	(4.47)	19.7	(5.84)	3.1	! (1.37)	9.2	(2.44)
Private, nonprofit.....	1,135	22.6	(1.47)	77.4	(1.47)	61.0	(1.61)	13.5	(1.28)	30.2	(1.95)	28.7	(1.58)
4-year doctoral.....	557	24.0	(1.87)	76.0	(1.87)	57.9	(2.12)	9.5	(1.49)	30.1	(2.15)	28.1	(2.61)
Other 4-year.....	527	20.8	(2.42)	79.2	(2.42)	64.0	(2.54)	18.6	(2.12)	32.3	(3.36)	30.2	(2.14)
Less-than-4-year.....	51	25.7	(4.47)	74.3	(4.47)	64.3	(3.22)	‡	(†)	‡	(†)	18.2	(4.18)
Private, for-profit.....	2,128	14.6	(1.02)	85.4	(1.02)	79.7	(0.83)	4.2	(0.52)	3.7	(0.71)	25.3	(1.09)
2-year and above.....	1,790	14.7	(1.20)	85.3	(1.20)	78.8	(0.97)	4.2	(0.49)	3.6	(0.68)	27.0	(1.22)
Less-than-2-year.....	337	14.1	(1.39)	85.9	(1.39)	84.6	(1.40)	‡	(†)	‡	(†)	16.3	(1.71)
2015–16													
<b>Full-time, full-year students<sup>4</sup></b>													
<b>All institutions.....</b>	<b>7,239</b>	<b>13.6</b>	<b>(0.26)</b>	<b>86.4</b>	<b>(0.26)</b>	<b>69.8</b>	<b>(0.33)</b>	<b>29.7</b>	<b>(0.44)</b>	<b>42.8</b>	<b>(0.45)</b>	<b>28.6</b>	<b>(0.36)</b>
Public.....	5,023	16.0	(0.34)	84.0	(0.34)	67.7	(0.42)	34.1	(0.55)	32.7	(0.58)	25.8	(0.43)
4-year doctoral.....	2,849	13.3	(0.38)	86.7	(0.38)	69.4	(0.48)	34.0	(0.61)	42.8	(0.66)	29.0	(0.54)
Other 4-year.....	765	14.7	(0.78)	85.3	(0.78)	72.6	(0.98)	36.0	(1.61)	29.5	(1.76)	27.5	(1.39)
2-year.....	1,391	22.2	(0.79)	77.8	(0.79)	61.6	(0.85)	33.4	(1.07)	14.0	(1.22)	18.6	(0.77)
Less-than-2-year.....	19	18.0	! (6.98)	82.0	(6.98)	67.0	(8.01)	12.5	(2.54)	23.1	! (10.82)	9.2	! (3.31)
Private, nonprofit.....	1,735	8.3	(0.48)	91.7	(0.48)	70.3	(0.61)	22.6	(0.73)	75.1	(0.82)	37.8	(0.81)
4-year doctoral.....	1,011	9.0	(0.62)	91.0	(0.62)	67.5	(0.89)	21.4	(0.99)	78.1	(1.07)	39.7	(1.07)
Other 4-year.....	684	7.1	(0.72)	92.9	(0.72)	73.7	(0.89)	25.1	(1.06)	73.7	(1.46)	36.3	(1.08)
Less-than-4-year.....	40	13.1	(2.20)	86.9	(2.20)	81.7	(3.76)	‡	(†)	22.3	! (11.17)	14.0	! (6.88)
Private, for-profit.....	481	7.1	(0.59)	92.9	(0.59)	89.4	(0.71)	9.5	(1.01)	30.8	(3.37)	24.3	(0.91)
2-year and above.....	382	6.4	(0.65)	93.6	(0.65)	89.7	(0.77)	10.2	(1.15)	36.4	(3.98)	26.8	(1.14)
Less-than-2-year.....	99	9.5	(1.36)	90.5	(1.36)	88.6	(1.74)	7.2	(1.84)	9.1	(2.52)	14.6	(1.55)
<b>Part-time or part-year students<sup>5</sup></b>													
<b>All institutions.....</b>	<b>12,069</b>	<b>36.4</b>	<b>(0.33)</b>	<b>63.6</b>	<b>(0.33)</b>	<b>47.6</b>	<b>(0.26)</b>	<b>18.0</b>	<b>(0.34)</b>	<b>13.9</b>	<b>(0.31)</b>	<b>17.0</b>	<b>(0.30)</b>
Public.....	9,468	41.5	(0.39)	58.5	(0.39)	42.0	(0.30)	20.1	(0.43)	9.8	(0.27)	14.9	(0.31)
4-year doctoral.....	1,825	27.6	(0.74)	72.4	(0.74)	55.5	(0.71)	20.7	(0.80)	24.6	(0.75)	22.2	(0.68)
Other 4-year.....	1,346	39.7	(1.33)	60.3	(1.33)	44.8	(1.25)	16.9	(0.94)	12.2	(0.93)	18.2	(0.81)
2-year.....	6,249	45.9	(0.54)	54.1	(0.54)	37.5	(0.38)	20.7	(0.62)	4.9	(0.29)	12.1	(0.40)
Less-than-2-year.....	48	33.3	(7.04)	66.7	(7.04)	38.4	(2.59)	10.8	(2.31)	23.0	(5.88)	10.8	(3.21)
Private, nonprofit.....	1,220	21.0	(0.82)	79.0	(0.82)	58.0	(1.03)	12.5	(0.76)	32.6	(1.28)	29.2	(1.19)
4-year doctoral.....	622	19.9	(1.27)	80.1	(1.27)	53.5	(1.58)	11.9	(0.97)	33.9	(1.89)	34.3	(1.80)
Other 4-year.....	540	22.1	(0.94)	77.9	(0.94)	61.6	(1.13)	12.8	(1.03)	33.5	(1.81)	24.2	(1.38)
Less-than-4-year.....	58	21.8	(4.07)	78.2	(4.07)	73.2	(4.47)	15.5	! (7.70)	10.4	(2.15)	21.4	(5.96)
Private, for-profit.....	1,381	15.5	(0.48)	84.5	(0.48)	77.0	(0.59)	8.4	(0.75)	25.5	(1.30)	21.2	(0.78)
2-year and above.....	1,140	14.5	(0.54)	85.5	(0.54)	77.5	(0.67)	9.1	(0.88)	28.9	(1.52)	22.2	(0.70)
Less-than-2-year.....	240	20.3	(1.47)	79.7	(1.47)	74.6	(1.55)	5.4	(1.18)	9.4	(2.57)	16.5	(3.08)

†Not applicable.  
!Interpret data with caution. The coefficient of variation (CV) for this estimate is between 30 and 50 percent.  
‡Reporting standards not met. The coefficient of variation (CV) for this estimate is 50 percent or greater.  
<sup>1</sup>Numbers of undergraduates may not equal figures reported in other tables, since these data are based on a sample survey of students who enrolled at any time during the academic year.  
<sup>2</sup>Includes students who reported that they were awarded aid but did not specify the source of the aid.  
<sup>3</sup>Includes Department of Veterans Affairs and Department of Defense benefits.

<sup>4</sup>Full-time, full-year undergraduates are those who were enrolled full time for 9 or more months at one or more institutions.  
<sup>5</sup>Part-time or part-year undergraduates include those who were enrolled part time for 9 or more months and those who were enrolled for less than 9 months either part time or full time.  
NOTE: Data exclude students whose attendance status was not reported. Data include undergraduates in degree-granting and non-degree-granting institutions. Detail may not sum to totals because of rounding and because some students received multiple types of aid and aid from different sources. Data exclude Puerto Rico.  
SOURCE: U.S. Department of Education, National Center for Education Statistics, 2011–12 and 2015–16 National Postsecondary Student Aid Study (NPSAS:12 and NPSAS:16). (This table was prepared July 2018.)

**Table 331.60. Percentage of full-time, full-year undergraduates receiving financial aid, by type and source of aid and control and level of institution: Selected years, 1992–93 through 2015–16**  
[Standard errors appear in parentheses]

Control and level of institution	Any aid			Grants			Loans			Work study <sup>1</sup>	
	Total <sup>2</sup>	Federal <sup>3</sup>	Nonfederal	Total	Federal	Nonfederal	Total <sup>4</sup>	Federal <sup>4</sup>	Nonfederal	Total	Federal
1	2	3	4	5	6	7	8	9	10	11	12
<b>1992–93, all institutions</b> .....	<b>58.2 (0.50)</b>	<b>45.0 (0.50)</b>	<b>37.9 (0.58)</b>	<b>48.3 (0.51)</b>	<b>28.6 (0.47)</b>	<b>34.9 (0.51)</b>	<b>34.0 (0.61)</b>	<b>33.1 (0.61)</b>	<b>2.7 (0.22)</b>	<b>10.3 (0.38)</b>	<b>6.8 (0.30)</b>
Public.....	52.4 (0.67)	39.8 (0.60)	32.7 (0.69)	42.8 (0.58)	27.4 (0.50)	29.6 (0.64)	27.1 (0.57)	26.3 (0.54)	2.0 (0.27)	6.8 (0.36)	4.2 (0.23)
4-year doctoral.....	54.0 (0.94)	39.1 (0.80)	34.7 (0.82)	42.2 (0.80)	23.6 (0.65)	31.2 (0.79)	33.1 (0.86)	32.3 (0.86)	2.4 (0.29)	7.1 (0.50)	4.3 (0.34)
Other 4-year.....	56.5 (1.07)	45.4 (1.19)	36.7 (1.27)	45.4 (1.29)	31.1 (1.24)	32.4 (1.32)	34.4 (0.98)	33.4 (0.93)	2.8 (0.69)	9.7 (0.77)	5.6 (0.57)
2-year.....	47.2 (1.93)	36.0 (1.70)	27.0 (1.62)	41.9 (1.68)	29.9 (1.43)	25.7 (1.65)	12.7 (1.23)	12.3 (1.17)	0.7 ! (0.28)	4.1 (0.79)	3.0 (0.54)
Less-than-2-year.....	35.4 (3.60)	31.6 (4.08)	15.7 (4.47)	30.3 (2.53)	26.6 (2.91)	13.3 ! (4.75)	3.0 ! (1.30)	3.0 ! (1.30)	‡ (†)	‡ (†)	‡ (†)
Private, nonprofit.....	69.5 (1.38)	52.3 (1.42)	58.9 (1.49)	62.0 (1.36)	25.8 (1.59)	55.9 (1.47)	47.6 (1.33)	45.9 (1.40)	5.1 (0.47)	22.5 (1.10)	16.1 (1.00)
4-year doctoral.....	63.5 (1.65)	44.3 (1.37)	54.7 (1.76)	56.0 (1.61)	17.0 (0.97)	52.7 (1.68)	41.7 (1.27)	39.8 (1.27)	6.1 (0.74)	18.9 (1.33)	13.2 (1.40)
Other 4-year.....	75.4 (1.91)	59.4 (2.08)	64.3 (2.46)	68.4 (2.11)	33.0 (2.79)	60.6 (2.81)	53.8 (1.88)	52.4 (1.99)	4.3 (0.80)	27.7 (1.75)	20.1 (1.58)
Less-than-4-year.....	70.7 (3.80)	59.5 (4.15)	44.4 (6.26)	56.6 (4.50)	40.9 (3.70)	39.2 (6.82)	43.5 (5.33)	41.7 (5.08)	2.8 ! (1.17)	4.1 ! (1.90)	2.3 ! (1.00)
Private, for-profit.....	77.0 (2.18)	72.0 (2.17)	16.8 (2.32)	56.2 (1.75)	49.9 (1.71)	13.6 (2.41)	55.4 (4.82)	55.1 (4.79)	2.2 ! (0.91)	1.9 ! (0.78)	0.7 ! (0.25)
2-year and above.....	82.2 (4.50)	76.5 (4.35)	24.1 (4.65)	50.3 (4.06)	40.5 (2.52)	21.0 (5.02)	68.5 (5.41)	68.5 (5.41)	‡ (†)	3.6 ! (1.62)	1.4 ! (0.54)
Less-than-2-year.....	73.2 (2.46)	68.8 (2.64)	11.5 (2.49)	60.4 (2.46)	56.7 (2.31)	8.3 ! (2.53)	46.0 (5.63)	45.4 (5.56)	1.5 ! (0.53)	‡ (†)	0.2 ! (0.09)
<b>1999–2000, all institutions</b> .....	<b>71.9 (0.59)</b>	<b>56.7 (0.44)</b>	<b>52.3 (0.67)</b>	<b>58.5 (0.60)</b>	<b>29.0 (0.44)</b>	<b>49.0 (0.69)</b>	<b>45.6 (0.44)</b>	<b>44.5 (0.41)</b>	<b>6.8 (0.31)</b>	<b>11.6 (0.46)</b>	<b>8.9 (0.36)</b>
Public.....	66.9 (0.73)	51.6 (0.51)	46.4 (0.86)	52.8 (0.68)	29.3 (0.43)	43.0 (0.81)	37.9 (0.50)	36.9 (0.46)	4.4 (0.30)	7.5 (0.47)	5.6 (0.38)
4-year doctoral.....	71.1 (0.79)	54.4 (0.68)	49.7 (0.77)	53.3 (0.87)	25.1 (0.74)	45.6 (0.68)	49.0 (0.73)	47.9 (0.69)	5.6 (0.41)	8.7 (0.51)	6.1 (0.42)
Other 4-year.....	75.7 (1.29)	63.0 (1.43)	50.6 (2.13)	57.5 (1.38)	33.7 (1.53)	46.6 (2.10)	51.5 (1.66)	50.7 (1.66)	4.7 (0.45)	11.0 (1.33)	8.1 (1.12)
2-year.....	55.7 (1.47)	40.5 (1.08)	39.5 (1.51)	49.2 (1.34)	31.9 (0.97)	37.3 (1.49)	14.9 (0.75)	13.9 (0.62)	2.5 (0.40)	3.8 (0.69)	3.5 (0.68)
Less-than-2-year.....	58.4 (6.03)	45.0 (6.96)	35.0 (5.14)	48.4 (7.50)	39.7 (7.40)	26.4 (6.54)	4.7 ! (2.14)	4.7 ! (2.13)	‡ (†)	‡ (†)	‡ (†)
Private, nonprofit.....	84.0 (0.77)	67.3 (0.75)	73.5 (1.37)	74.9 (1.13)	24.2 (1.24)	71.1 (1.42)	62.6 (0.83)	61.2 (0.83)	14.2 (0.89)	25.8 (1.27)	19.8 (0.88)
4-year doctoral.....	79.0 (1.03)	62.7 (1.22)	71.0 (1.27)	70.4 (1.19)	20.6 (1.22)	68.2 (1.33)	60.0 (1.16)	58.4 (1.19)	16.0 (1.08)	25.7 (1.16)	21.7 (1.05)
Other 4-year.....	88.7 (1.08)	72.2 (1.31)	76.3 (2.29)	78.9 (1.63)	26.3 (1.80)	74.1 (2.28)	67.4 (1.41)	66.0 (1.45)	13.4 (1.20)	26.7 (2.24)	19.0 (1.55)
Less-than-4-year.....	77.2 (4.01)	53.3 (2.88)	64.0 (5.11)	72.7 (4.37)	37.0 (3.48)	62.5 (5.62)	27.4 (2.59)	27.3 (2.60)	3.1 (0.62)	13.7 (2.56)	10.0 (2.71)
Private, for-profit.....	89.9 (1.11)	87.0 (1.39)	33.4 (3.08)	63.5 (2.14)	52.9 (2.59)	26.6 (2.83)	82.7 (1.49)	82.0 (1.50)	7.8 (1.62)	2.2 ! (0.87)	1.9 ! (0.86)
2-year and above.....	88.6 (1.50)	85.7 (1.77)	37.5 (4.17)	60.8 (2.81)	47.3 (3.29)	32.6 (3.88)	82.9 (2.19)	82.2 (2.19)	6.9 (2.04)	2.9 ! (1.17)	2.5 ! (1.15)
Less-than-2-year.....	93.7 (1.32)	91.1 (1.88)	20.8 (2.75)	71.9 (2.96)	69.8 (2.97)	8.6 (2.27)	81.9 (3.65)	81.5 (3.64)	10.4 (1.93)	‡ (†)	‡ (†)
<b>2007–08, all institutions</b> .....	<b>80.1 (0.28)</b>	<b>63.9 (0.31)</b>	<b>63.7 (0.36)</b>	<b>64.6 (0.37)</b>	<b>33.1 (0.29)</b>	<b>53.6 (0.41)</b>	<b>54.8 (0.32)</b>	<b>51.0 (0.32)</b>	<b>20.5 (0.31)</b>	<b>13.8 (0.29)</b>	<b>10.6 (0.23)</b>
Public.....	75.4 (0.33)	58.7 (0.36)	58.0 (0.39)	59.2 (0.38)	32.3 (0.29)	49.6 (0.40)	46.2 (0.34)	42.7 (0.33)	14.2 (0.25)	9.5 (0.25)	7.1 (0.22)
4-year doctoral.....	77.8 (0.40)	59.6 (0.48)	62.8 (0.49)	59.9 (0.55)	27.8 (0.38)	53.8 (0.53)	54.7 (0.50)	50.8 (0.50)	17.4 (0.38)	10.2 (0.35)	7.6 (0.32)
Other 4-year.....	82.5 (0.59)	67.6 (0.68)	62.7 (0.80)	63.2 (0.81)	35.2 (0.66)	52.7 (0.85)	57.5 (0.72)	54.4 (0.72)	16.4 (0.61)	11.5 (0.60)	8.7 (0.45)
2-year.....	66.9 (0.69)	51.4 (0.73)	47.5 (0.79)	55.5 (0.63)	37.3 (0.65)	41.3 (0.76)	25.5 (0.59)	22.3 (0.57)	7.8 (0.37)	7.1 (0.36)	5.5 (0.29)
Less-than-2-year.....	69.1 (3.87)	58.6 (3.84)	33.0 (4.74)	56.6 (3.58)	50.0 (3.97)	16.1 (2.88)	26.5 (4.79)	23.6 (4.33)	10.7 (2.75)	‡ (†)	‡ (†)
Private, nonprofit.....	89.5 (0.57)	71.2 (0.62)	83.2 (0.79)	80.9 (0.85)	27.4 (0.67)	77.5 (1.02)	68.1 (0.66)	64.3 (0.61)	30.4 (0.74)	32.2 (1.08)	25.0 (0.86)
4-year doctoral.....	85.5 (0.93)	67.1 (1.12)	79.4 (1.11)	76.5 (1.18)	23.6 (0.82)	73.6 (1.38)	64.2 (1.21)	60.0 (1.22)	29.7 (1.02)	30.3 (1.10)	24.5 (1.04)
Other 4-year.....	93.6 (0.74)	75.1 (1.12)	87.5 (1.06)	85.8 (1.11)	31.0 (1.18)	82.1 (1.40)	72.3 (1.18)	68.8 (1.21)	31.2 (1.06)	34.7 (1.88)	26.0 (1.45)
Less-than-4-year.....	92.0 (2.79)	84.4 (3.65)	61.8 (10.16)	61.3 (4.96)	45.3 (5.77)	48.2 (9.77)	60.2 (7.26)	56.8 (7.31)	26.0 ! (7.94)	5.8 (1.50)	4.7 ! (1.63)
Private, for-profit.....	92.6 (0.70)	84.6 (1.24)	59.8 (1.60)	65.5 (1.48)	53.0 (1.50)	25.8 (1.66)	86.5 (1.19)	81.2 (1.29)	43.1 (1.67)	1.8 (0.29)	1.6 (0.28)
2-year and above.....	92.4 (0.79)	84.2 (1.41)	61.7 (1.82)	64.7 (1.69)	50.7 (1.70)	27.8 (1.90)	86.4 (1.36)	81.3 (1.46)	44.1 (1.92)	2.0 (0.34)	1.8 (0.33)
Less-than-2-year.....	93.6 (0.82)	87.4 (1.74)	47.6 (2.52)	70.8 (2.12)	67.6 (2.14)	13.5 (2.33)	87.2 (1.70)	80.7 (2.44)	36.9 (1.61)	0.7 ! (0.27)	‡ (†)
<b>2011–12, all institutions</b> .....	<b>84.4 (0.36)</b>	<b>72.8 (0.51)</b>	<b>56.9 (0.46)</b>	<b>72.4 (0.41)</b>	<b>47.4 (0.50)</b>	<b>52.6 (0.45)</b>	<b>56.7 (0.53)</b>	<b>55.5 (0.54)</b>	<b>9.2 (0.22)</b>	<b>11.9 (0.25)</b>	<b>10.5 (0.24)</b>
Public.....	80.4 (0.47)	68.4 (0.61)	53.3 (0.58)	67.3 (0.49)	46.1 (0.59)	49.7 (0.56)	48.5 (0.57)	47.4 (0.57)	6.3 (0.19)	6.9 (0.24)	6.2 (0.23)
4-year doctoral.....	83.9 (0.46)	70.9 (0.47)	61.2 (0.63)	67.8 (0.51)	41.1 (0.40)	56.8 (0.61)	61.6 (0.44)	60.4 (0.43)	8.6 (0.31)	8.3 (0.37)	7.4 (0.37)
Other 4-year.....	83.5 (0.93)	72.7 (1.34)	54.1 (1.23)	69.2 (0.99)	48.3 (1.10)	50.1 (1.32)	55.5 (1.49)	54.3 (1.51)	7.4 (0.60)	9.3 (0.70)	8.6 (0.61)
2-year.....	74.5 (1.03)	63.0 (1.24)	42.5 (1.14)	65.7 (1.09)	51.6 (1.30)	40.2 (1.15)	27.5 (0.99)	26.6 (1.00)	2.7 (0.24)	3.9 (0.28)	3.4 (0.28)
Less-than-2-year.....	71.6 (4.50)	67.8 (4.72)	33.5 (5.54)	68.6 (4.05)	63.7 (4.54)	27.2 (3.90)	20.5 (5.20)	20.2 (5.20)	‡ (†)	1.0 ! (0.46)	‡ (†)
Private, nonprofit.....	91.6 (0.55)	76.1 (0.75)	83.1 (0.77)	85.4 (0.77)	37.6 (0.65)	80.3 (0.85)	68.4 (0.90)	66.7 (0.88)	15.3 (0.65)	33.1 (0.85)	29.2 (0.81)
4-year doctoral.....	90.4 (0.84)	74.3 (0.94)	82.9 (1.13)	84.2 (1.17)	34.9 (0.80)	80.4 (1.21)	66.7 (1.08)	65.3 (1.05)	15.0 (0.92)	33.2 (1.27)	30.0 (1.26)
Other 4-year.....	93.1 (0.68)	78.0 (1.20)	84.2 (0.98)	87.2 (0.92)	40.3 (1.10)	81.3 (1.15)	70.7 (1.41)	68.7 (1.44)	15.8 (0.91)	33.9 (1.22)	29.1 (1.14)
Less-than-4-year.....	90.2 (4.12)	78.1 (5.04)	60.2 (7.07)	77.8 (6.09)	48.5 (6.54)	51.1 (8.78)	61.2 (5.71)	59.0 (7.42)	12.2 (2.62)	‡ (†)	‡ (†)
Private, for-profit.....	94.8 (0.46)	93.1 (0.51)	29.3 (1.05)	78.6 (0.76)	73.9 (0.82)	17.4 (0.94)	84.1 (0.85)	83.4 (0.89)	14.8 (0.75)	1.9 (0.21)	1.8 (0.20)
2-year and above.....	94.6 (0.53)	92.8 (0.59)	30.7 (1.16)	77.4 (0.86)	72.2 (0.92)	18.9 (1.05)	84.2 (0.85)	83.4 (0.89)	15.0 (0.82)	2.2 (0.24)	2.1 (0.23)
Less-than-2-year.....	95.9 (0.75)	95.2 (0.79)	20.3 (2.64)	86.2 (1.54)	85.4 (1.63)	7.5 (1.82)	83.8 (3.56)	83.0 (3.52)	13.5 (1.58)	‡ (†)	‡ (†)

See notes at end of table.

**Table 331.60. Percentage of full-time, full-year undergraduates receiving financial aid, by type and source of aid and control and level of institution: Selected years, 1992–93 through 2015–16—Continued**  
 [Standard errors appear in parentheses]

Control and level of institution	Any aid			Grants			Loans			Work study <sup>1</sup>	
	Total <sup>2</sup>	Federal <sup>3</sup>	Nonfederal	Total	Federal	Nonfederal	Total <sup>4</sup>	Federal <sup>4</sup>	Nonfederal	Total	Federal
1	2	3	4	5	6	7	8	9	10	11	12
<b>2015–16, all institutions.....</b>	<b>86.4 (0.26)</b>	<b>69.8 (0.33)</b>	<b>66.9 (0.40)</b>	<b>76.7 (0.31)</b>	<b>44.7 (0.31)</b>	<b>63.8 (0.41)</b>	<b>54.7 (0.33)</b>	<b>52.5 (0.34)</b>	<b>9.2 (0.21)</b>	<b>10.5 (0.26)</b>	<b>9.1 (0.25)</b>
Public.....	84.0 (0.34)	67.7 (0.42)	63.4 (0.49)	72.5 (0.40)	44.9 (0.39)	60.1 (0.49)	48.5 (0.41)	46.7 (0.41)	6.9 (0.21)	6.6 (0.25)	5.8 (0.24)
4-year doctoral.....	86.7 (0.38)	69.4 (0.48)	69.8 (0.53)	73.7 (0.47)	41.8 (0.39)	65.8 (0.54)	59.7 (0.43)	57.5 (0.44)	9.1 (0.31)	8.3 (0.36)	7.1 (0.35)
Other 4-year.....	85.3 (0.78)	72.6 (0.98)	63.3 (1.45)	71.8 (1.18)	45.9 (1.27)	59.6 (1.42)	53.2 (1.29)	51.2 (1.29)	8.3 (0.65)	5.4 (0.68)	5.2 (0.67)
2-year.....	77.8 (0.79)	61.6 (0.85)	50.6 (1.11)	70.3 (0.86)	50.4 (0.79)	48.9 (1.10)	23.4 (0.62)	22.6 (0.62)	1.9 (0.21)	3.8 (0.44)	3.4 (0.41)
Less-than-2-year.....	82.0 (6.98)	67.0 (8.01)	36.3 (10.64)	72.2 (7.51)	56.0 (7.26)	34.6 † (11.07)	25.1 (6.39)	25.1 (6.39)	‡ (†)	‡ (†)	‡ (†)
Private, nonprofit.....	91.7 (0.48)	70.3 (0.61)	83.1 (0.70)	87.1 (0.59)	36.4 (0.52)	81.1 (0.76)	65.9 (0.61)	62.5 (0.60)	15.9 (0.64)	24.4 (0.82)	21.0 (0.75)
4-year doctoral.....	91.0 (0.62)	67.5 (0.89)	85.6 (0.84)	87.1 (0.66)	32.9 (0.62)	84.0 (0.88)	62.9 (0.85)	59.3 (0.81)	16.7 (0.87)	23.7 (1.05)	21.3 (1.03)
Other 4-year.....	92.9 (0.72)	73.7 (0.89)	82.2 (1.20)	87.6 (1.03)	39.3 (0.84)	80.0 (1.37)	69.8 (0.93)	66.7 (0.95)	15.1 (0.95)	26.8 (1.35)	21.7 (1.22)
Less-than-4-year.....	86.9 (2.20)	81.7 (3.76)	37.5 (10.42)	78.4 (3.61)	72.4 (4.87)	29.3 † (9.48)	72.9 (5.85)	71.1 (5.79)	8.7 (2.22)	‡ (†)	‡ (†)
Private, for-profit.....	92.9 (0.59)	89.4 (0.71)	45.4 (2.86)	82.9 (0.97)	72.2 (0.84)	39.9 (3.14)	78.1 (0.77)	76.8 (0.81)	8.9 (0.59)	1.5 (0.23)	1.5 (0.23)
2-year and above.....	93.6 (0.65)	89.7 (0.77)	50.9 (3.34)	83.5 (1.10)	70.7 (0.97)	45.6 (3.68)	78.4 (0.75)	77.4 (0.79)	9.1 (0.69)	1.6 (0.28)	1.5 (0.28)
Less-than-2-year.....	90.5 (1.36)	88.6 (1.74)	24.4 (2.72)	80.6 (2.11)	78.0 (2.12)	18.0 (2.87)	76.9 (2.54)	74.7 (2.62)	8.1 (0.94)	‡ (†)	‡ (†)

†Not applicable.

#Rounds to zero.

!Interpret data with caution. The coefficient of variation (CV) for this estimate is between 30 and 50 percent.

‡Reporting standards not met. The coefficient of variation (CV) for this estimate is 50 percent or greater.

<sup>1</sup>Details on nonfederal work-study participants are not available.

<sup>2</sup>Includes students who reported they were awarded aid, but did not specify the source or type of aid.

<sup>3</sup>Includes Department of Veterans Affairs and Department of Defense benefits.

<sup>4</sup>Includes Parent Loans for Undergraduate Students (PLUS).

NOTE: Full-time, full-year undergraduates were enrolled full time for 9 or more months at one or more institutions. Data include undergraduates in degree-granting and non-degree-granting institutions. Detail may not sum to totals because of rounding and because some students receive multiple types of aid and aid from different sources. Data exclude Puerto Rico. SOURCE: U.S. Department of Education, National Center for Education Statistics, 1992–93, 1999–2000, 2007–08, 2011–12, and 2015–16 National Postsecondary Student Aid Study (NPSAS:93, NPSAS:2000, NPSAS:08, NPSAS:12, and NPSAS:16). (This table was prepared June 2018.)

**Table 331.70. Average amount of financial aid awarded to full-time, full-year undergraduates, by type and source of aid and control and level of institution: Selected years, 1992–93 through 2015–16**

[Standard errors appear in parentheses]

Control and level of institution	Any aid			Grants			Loans			Work study <sup>1</sup>												
	Total <sup>2</sup>	Federal <sup>3</sup>	Nonfederal	Total <sup>4</sup>	Federal	Nonfederal	Total <sup>5</sup>	Federal <sup>5</sup>	Nonfederal	Total	Federal											
1	2	3	4	5	6	7	8	9	10	11	12											
Current dollars																						
<b>1992–93, all institutions</b>	<b>\$5,600</b>	<b>(80)</b>	<b>\$4,320</b>	<b>(54)</b>	<b>\$3,390</b>	<b>(85)</b>	<b>\$3,520</b>	<b>(63)</b>	<b>\$2,000</b>	<b>(17)</b>	<b>\$3,250</b>	<b>(85)</b>	<b>\$3,860</b>	<b>(59)</b>	<b>\$3,750</b>	<b>(54)</b>	<b>\$2,640</b>	<b>(133)</b>	<b>\$1,360</b>	<b>(34)</b>	<b>\$1,280</b>	<b>(38)</b>
Public.....	4,030	(39)	3,740	(40)	1,860	(34)	2,420	(28)	1,900	(18)	1,740	(34)	3,350	(42)	3,290	(40)	2,020	(133)	1,380	(48)	1,350	(52)
4-year doctoral.....	4,720	(60)	4,390	(49)	2,330	(55)	2,750	(45)	1,970	(26)	2,230	(55)	3,660	(46)	3,590	(43)	2,150	(142)	1,440	(57)	1,360	(55)
Other 4-year.....	4,240	(92)	3,850	(68)	1,710	(47)	2,430	(48)	1,960	(26)	1,530	(52)	3,200	(65)	3,120	(71)	2,150	(198)	1,240	(59)	1,260	(69)
2-year.....	2,720	(88)	2,640	(87)	1,170	(84)	1,940	(59)	1,760	(42)	1,120	(88)	2,500	(125)	2,530	(112)	+	(†)	1,500	(179)	1,490	(155)
Less-than-2-year.....	2,250	(198)	1,950	(192)	1,100	!	(476)	1,930	(154)	1,760	(60)	880	(154)	3,310	(472)	3,120	(621)	+	(†)	+	+	(†)
Private, nonprofit.....	9,040	(184)	5,280	(94)	5,880	(206)	6,010	(183)	2,320	(39)	5,600	(171)	4,360	(86)	4,140	(67)	3,350	(274)	1,320	(44)	1,230	(48)
4-year doctoral.....	10,160	(250)	5,650	(147)	7,060	(225)	6,940	(201)	2,420	(74)	6,590	(200)	4,910	(140)	4,560	(106)	3,750	(411)	1,520	(64)	1,360	(79)
Other 4-year.....	8,460	(253)	5,120	(130)	5,100	(276)	5,500	(275)	2,290	(56)	4,970	(233)	4,000	(115)	3,880	(103)	2,750	(272)	1,190	(48)	1,140	(51)
Less-than-4-year.....	4,910	(507)	3,980	(258)	2,490	(434)	2,890	(431)	2,140	(149)	1,940	(427)	3,520	(260)	3,410	(257)	+	(†)	+	(†)	+	(†)
Private, for-profit.....	5,460	(321)	5,130	(301)	2,590	(377)	2,290	(116)	1,950	(47)	2,320	(452)	4,910	(276)	4,840	(254)	2,410	(373)	+	(†)	+	(†)
2-year and above.....	6,670	(296)	6,130	(251)	2,820	(528)	2,780	(265)	2,060	(93)	2,670	(582)	5,590	(291)	5,480	(260)	+	(†)	+	(†)	+	(†)
Less-than-2-year.....	4,480	(425)	4,330	(416)	2,240	(533)	2,010	(95)	1,890	(68)	1,680	(532)	4,180	(383)	4,150	(372)	+	(†)	+	(†)	+	(†)
<b>1995–96, all institutions</b>	<b>\$6,880</b>	<b>(159)</b>	<b>\$5,250</b>	<b>(61)</b>	<b>\$4,000</b>	<b>(163)</b>	<b>\$3,990</b>	<b>(138)</b>	<b>\$2,000</b>	<b>(23)</b>	<b>\$3,710</b>	<b>(162)</b>	<b>\$4,830</b>	<b>(61)</b>	<b>\$4,770</b>	<b>(58)</b>	<b>\$2,790</b>	<b>(232)</b>	<b>\$1,410</b>	<b>(40)</b>	<b>\$1,350</b>	<b>(37)</b>
Public.....	5,160	(105)	4,670	(77)	2,410	(74)	2,740	(68)	1,920	(23)	2,110	(74)	4,390	(87)	4,370	(81)	2,440	(476)	1,390	(63)	1,350	(63)
4-year doctoral.....	6,230	(124)	5,490	(122)	3,050	(82)	3,250	(107)	1,920	(35)	2,790	(105)	4,910	(149)	4,850	(140)	2,750	(500)	1,330	(100)	1,290	(89)
Other 4-year.....	5,440	(235)	4,790	(166)	2,170	(81)	2,720	(81)	1,970	(25)	1,870	(60)	4,100	(139)	4,090	(137)	+	(†)	1,450	(56)	1,380	(58)
2-year.....	3,130	(162)	3,110	(101)	1,530	(213)	2,020	(106)	1,900	(53)	1,100	(140)	3,140	(120)	3,210	(137)	+	(†)	1,430	(254)	1,410	(234)
Less-than-2-year.....	2,440	!	(887)	2,040	(267)	2,120	!	(897)	2,190	(485)	1,650	(127)	2,360	!	(882)	2,870	(441)	+	(†)	+	+	(†)
Private, nonprofit.....	10,870	(388)	6,470	(137)	6,740	(331)	6,640	(312)	2,280	(75)	6,230	(305)	5,600	(128)	5,470	(126)	3,210	(328)	1,430	(52)	1,350	(45)
4-year doctoral.....	13,130	(727)	7,160	(176)	8,720	(735)	8,370	(674)	2,350	(63)	8,000	(641)	6,260	(188)	6,120	(160)	3,610	(933)	1,660	(84)	1,550	(63)
Other 4-year.....	10,220	(453)	6,310	(179)	6,040	(357)	6,090	(349)	2,280	(106)	5,590	(345)	5,340	(162)	5,220	(160)	3,300	(417)	1,320	(40)	1,250	(39)
Less-than-4-year.....	5,310	(229)	4,150	(229)	3,050	(201)	3,230	(364)	2,060	(159)	2,780	(340)	4,520	(189)	4,480	(181)	+	(†)	1,260	(81)	1,210	(241)
Private, for-profit.....	6,150	(137)	5,540	(162)	3,010	(188)	2,470	(123)	1,940	(30)	2,350	(211)	4,940	(237)	4,920	(212)	2,300	(210)	+	(†)	+	(†)
2-year and above.....	6,850	(235)	6,110	(310)	3,340	(157)	2,880	(264)	2,010	(40)	2,860	(148)	5,330	(164)	5,250	(200)	+	(†)	+	(†)	+	(†)
Less-than-2-year.....	5,520	(337)	5,020	(318)	2,700	(284)	2,120	(67)	1,880	(43)	1,520	(264)	4,550	(525)	4,570	(443)	2,080	(160)	+	(†)	+	(†)
<b>1999–2000, all institutions</b>	<b>\$8,470</b>	<b>(100)</b>	<b>\$5,970</b>	<b>(58)</b>	<b>\$5,160</b>	<b>(95)</b>	<b>\$5,100</b>	<b>(81)</b>	<b>\$2,520</b>	<b>(19)</b>	<b>\$4,590</b>	<b>(92)</b>	<b>\$6,030</b>	<b>(59)</b>	<b>\$5,430</b>	<b>(51)</b>	<b>\$4,870</b>	<b>(155)</b>	<b>\$1,680</b>	<b>(37)</b>	<b>\$1,570</b>	<b>(39)</b>
Public.....	6,140	(90)	5,260	(60)	2,990	(61)	3,520	(55)	2,490	(22)	2,630	(53)	5,180	(72)	4,870	(55)	3,820	(194)	1,720	(56)	1,630	(69)
4-year doctoral.....	7,410	(84)	6,180	(65)	3,840	(85)	4,170	(77)	2,530	(33)	3,480	(80)	5,620	(81)	5,300	(68)	3,850	(209)	1,780	(45)	1,680	(42)
Other 4-year.....	6,190	(175)	5,280	(136)	2,690	(105)	3,270	(91)	2,430	(28)	2,290	(83)	4,770	(179)	4,520	(147)	3,540	(426)	1,670	(148)	1,580	(194)
2-year.....	3,990	(135)	3,670	(96)	1,860	(96)	2,800	(91)	2,490	(45)	1,560	(80)	4,190	(198)	3,750	(122)	4,090	(841)	1,650	(118)	1,580	(105)
Less-than-2-year.....	3,490	(383)	3,050	(387)	1,900	(296)	2,930	(234)	2,410	(167)	1,750	(357)	5,090	(950)	5,040	(975)	+	(†)	+	(†)	+	(†)
Private, nonprofit.....	14,050	(307)	7,280	(104)	9,390	(238)	8,710	(235)	2,660	(52)	8,280	(218)	7,460	(117)	6,300	(93)	5,750	(211)	1,620	(41)	1,500	(33)
4-year doctoral.....	16,060	(359)	7,890	(149)	10,910	(326)	10,140	(302)	2,860	(81)	9,600	(283)	8,240	(156)	6,700	(131)	6,430	(237)	1,810	(51)	1,700	(51)
Other 4-year.....	12,930	(424)	6,930	(162)	8,480	(318)	7,880	(317)	2,530	(70)	7,490	(291)	6,910	(166)	6,020	(149)	5,070	(312)	1,490	(69)	1,330	(47)
Less-than-4-year.....	7,700	(780)	5,540	(645)	4,680	(485)	5,070	(459)	2,640	(196)	4,340	(550)	6,010	(186)	5,380	(176)	5,590	(1,440)	950	(96)	850	(63)
Private, for-profit.....	8,730	(285)	7,440	(240)	4,120	(296)	3,380	(144)	2,490	(77)	3,110	(285)	6,590	(285)	6,070	(266)	5,970	(474)	+	(†)	+	(†)
2-year and above.....	9,430	(381)	7,920	(315)	4,190	(375)	3,730	(197)	2,550	(109)	3,240	(321)	7,030	(367)	6,530	(345)	6,620	(663)	+	(†)	+	(†)
Less-than-2-year.....	6,730	(354)	6,080	(330)	3,700	(556)	2,490	(64)	2,370	(63)	1,570	(385)	5,240	(355)	4,670	(319)	4,660	(800)	+	(†)	+	(†)
<b>2003–04, all institutions</b>	<b>\$9,760</b>	<b>(93)</b>	<b>\$7,010</b>	<b>(60)</b>	<b>\$5,690</b>	<b>(118)</b>	<b>\$5,670</b>	<b>(101)</b>	<b>\$3,230</b>	<b>(22)</b>	<b>\$4,930</b>	<b>(125)</b>	<b>\$7,000</b>	<b>(72)</b>	<b>\$6,060</b>	<b>(57)</b>	<b>\$6,100</b>	<b>(138)</b>	<b>\$1,940</b>	<b>(36)</b>	<b>\$1,790</b>	<b>(37)</b>
Public.....	7,400	(95)	6,260	(60)	3,620	(45)	4,230	(45)	3,190	(31)	3,110	(45)	6,060	(72)	5,520	(64)	5,100	(114)	2,020	(45)	1,880	(51)
4-year doctoral.....	8,970	(109)	7,360	(99)	4,500	(70)	4,890	(64)	3,220	(39)	3,930	(63)	6,760	(100)	6,150	(81)	5,510	(160)	2,070	(64)	1,900	(66)
Other 4-year.....	7,870	(183)	6,440	(146)	3,560	(84)	4,230	(118)	3,150	(64)	2,900	(91)	5,870	(127)	5,280	(112)	5,260	(227)	1,930	(86)	1,820	(100)
2-year.....	4,690	(130)	4,420	(143)	2,140	(84)	3,330	(64)	3,180	(45)	1,810	(86)	4,170	(146)	3,850	(147)	3,700	(207)	2,010	(100)	1,830	(109)
Less-than-2-year.....	4,770	(389)	4,490	(368)	2,920	(250)	3,180	(206)	2,800	(157)	2,500	(243)	5,260	(621)	4,740	(402)	4,230	(802)	2,460	!	(1,180)	!
Private, nonprofit.....	16,250	(258)	8,480	(127)	10,270	(234)	9,620	(261)	3,390	(49)	8,860	(250)	8,800	(178)	7,040	(135)	7,430	(273)	1,810	(52)	1,670	(51)
4-year doctoral.....	17,650	(367)	9,000	(204)	11,590	(383)	10,660	(465)	3,460	(101)	9,950	(466)	9,790	(272)	7,600	(190)	8,220	(333)	2,120	(78)	1,980	(75)
Other 4-year.....	15,650	(352)	8,260	(161)	9,580	(303)	9,130	(295)	3,340	(57)	8,280	(283)	8,270	(219)	6,740	(161)	6,920	(391)	1,620	(56)	1,470	(52)
Less-than-4-year.....	8,910	(647)	6,240	(375)	5,160	(534)	5,720	(547)	3,560	(333)	4,600	(607)	6,200	(584)	5,630	(470)	4,460	(774)	1,570	!	(549)	!
Private, for-profit.....	10,480	(328)	8,550	(222)	5,070	(285)	4,300	(167)	3,230	(72)	3,880	(317)	7,640	(267)	6,580	(190)	5,730	(525)	2,660	(275)	2,730	(328)
2-year and above.....																						

**Table 331.70. Average amount of financial aid awarded to full-time, full-year undergraduates, by type and source of aid and control and level of institution: Selected years, 1992–93 through 2015–16—Continued**

[Standard errors appear in parentheses]

Control and level of institution	Any aid			Grants			Loans			Work study <sup>1</sup>	
	Total <sup>2</sup>	Federal <sup>3</sup>	Nonfederal	Total <sup>4</sup>	Federal	Nonfederal	Total <sup>5</sup>	Federal <sup>5</sup>	Nonfederal	Total	Federal
1	2	3	4	5	6	7	8	9	10	11	12
<b>2007–08, all institutions</b> .....	<b>\$12,990</b> (98)	<b>\$8,170</b> (51)	<b>\$8,130</b> (89)	<b>\$7,250</b> (71)	<b>\$3,680</b> (19)	<b>\$6,470</b> (79)	<b>\$9,520</b> (77)	<b>\$7,080</b> (56)	<b>\$7,800</b> (112)	<b>\$2,270</b> (26)	<b>\$2,160</b> (30)
Public.....	9,680 (62)	7,250 (51)	5,240 (50)	5,420 (40)	3,670 (18)	4,080 (43)	7,990 (60)	6,470 (58)	6,520 (108)	2,430 (37)	2,360 (44)
4-year doctoral.....	11,670 (96)	8,320 (62)	6,550 (83)	6,410 (71)	3,780 (33)	5,170 (67)	8,870 (90)	7,100 (83)	7,130 (156)	2,440 (42)	2,290 (46)
Other 4-year.....	10,040 (136)	7,430 (110)	5,200 (95)	5,420 (88)	3,690 (32)	4,040 (99)	7,690 (123)	6,240 (95)	6,300 (204)	2,280 (69)	2,110 (81)
2-year.....	5,750 (68)	5,160 (63)	2,510 (45)	3,750 (44)	3,530 (29)	1,860 (35)	5,450 (91)	4,600 (73)	4,670 (150)	2,560 (107)	2,760 (122)
Less-than-2-year.....	6,210 (528)	5,200 (441)	3,750 (477)	3,610 (212)	3,320 (153)	2,390 (351)	6,910 (500)	5,550 (387)	4,920 (284)	†	†
Private, nonprofit.....	21,640 (307)	10,020 (158)	14,700 (221)	12,470 (186)	4,090 (51)	11,570 (176)	12,320 (207)	8,350 (164)	9,930 (224)	2,090 (35)	1,930 (35)
4-year doctoral.....	22,880 (388)	10,380 (192)	15,850 (289)	13,170 (250)	4,280 (82)	12,320 (231)	13,420 (253)	8,840 (213)	11,140 (351)	2,230 (52)	2,080 (55)
Other 4-year.....	20,620 (447)	9,720 (224)	13,710 (341)	11,880 (268)	3,920 (60)	10,940 (263)	11,330 (313)	7,920 (223)	8,750 (263)	1,970 (40)	1,780 (43)
Less-than-4-year.....	12,530 (1,097)	8,340 (1,134)	7,270 (1,107)	6,970 (1,588)	4,710 (935)	4,440 (1,230)	11,310 (613)	8,000 (1,208)	8,740 (1,011)	†	†
Private, for-profit.....	12,890 (294)	9,160 (176)	6,990 (269)	4,050 (96)	3,200 (60)	3,720 (201)	10,260 (233)	7,040 (133)	7,340 (307)	3,650 (392)	3,840 (385)
2-year and above.....	13,270 (340)	9,270 (203)	7,220 (303)	4,130 (113)	3,180 (73)	3,810 (216)	10,600 (269)	7,140 (153)	7,610 (350)	3,760 (402)	3,940 (386)
Less-than-2-year.....	10,540 (234)	8,510 (188)	5,100 (250)	3,590 (86)	3,270 (52)	2,470 (381)	8,150 (215)	6,380 (166)	5,320 (212)	†	†
<b>2011–12, all institutions</b> .....	<b>\$15,510</b> (106)	<b>\$10,820</b> (75)	<b>\$9,160</b> (110)	<b>\$9,230</b> (92)	<b>\$4,580</b> (20)	<b>\$8,590</b> (115)	<b>\$10,090</b> (75)	<b>\$9,160</b> (69)	<b>\$6,980</b> (187)	<b>\$2,250</b> (48)	<b>\$2,180</b> (37)
Public.....	11,420 (93)	9,400 (71)	5,170 (75)	6,610 (62)	4,560 (22)	4,730 (75)	8,860 (87)	8,300 (81)	5,790 (237)	2,330 (60)	2,290 (60)
4-year doctoral.....	14,130 (125)	11,000 (106)	6,610 (108)	7,880 (101)	4,610 (27)	6,070 (112)	9,750 (112)	9,040 (109)	6,400 (289)	2,410 (80)	2,320 (79)
Other 4-year.....	11,730 (229)	9,800 (150)	4,920 (170)	6,440 (133)	4,650 (49)	4,410 (155)	8,790 (186)	8,210 (152)	5,630 (483)	2,020 (106)	2,050 (112)
2-year.....	7,120 (117)	6,740 (91)	2,480 (76)	4,910 (76)	4,460 (41)	2,320 (74)	6,200 (78)	6,060 (79)	3,380 (208)	2,460 (130)	2,460 (146)
Less-than-2-year.....	7,300 (989)	6,360 (1,018)	2,740 (813)	5,050 (458)	4,510 (464)	2,170 (676)	7,260 (950)	7,060 (939)	†	†	†
Private, nonprofit.....	27,250 (300)	13,300 (217)	17,870 (265)	17,780 (264)	4,710 (46)	16,720 (266)	12,550 (200)	10,930 (190)	8,460 (437)	2,150 (67)	2,050 (44)
4-year doctoral.....	29,080 (456)	13,700 (355)	19,410 (383)	19,380 (410)	4,690 (81)	18,260 (396)	13,120 (356)	11,420 (330)	8,700 (728)	2,280 (65)	2,220 (60)
Other 4-year.....	25,630 (384)	12,870 (216)	16,400 (355)	16,370 (336)	4,720 (46)	15,210 (348)	11,960 (167)	10,430 (172)	8,200 (385)	1,980 (130)	1,830 (69)
Less-than-4-year.....	16,190 (2,359)	12,830 (1,038)	7,610 (2,474)	7,410 (1,336)	4,870 (140)	6,670 (2,156)	11,600 (1,621)	10,330 (1,239)	8,170 (3,055)	2,750 (478)	2,790 (508)
Private, for-profit.....	15,070 (214)	13,300 (173)	6,480 (205)	5,270 (85)	4,520 (49)	4,600 (257)	10,610 (139)	9,440 (107)	7,170 (211)	3,690 (272)	3,760 (291)
2-year and above.....	15,520 (219)	13,660 (181)	6,530 (218)	5,310 (85)	4,500 (40)	4,580 (267)	10,960 (151)	9,740 (117)	7,350 (222)	3,750 (281)	3,830 (299)
Less-than-2-year.....	12,170 (633)	10,990 (483)	5,960 (551)	5,050 (268)	4,670 (230)	4,880 (532)	8,370 (313)	7,510 (211)	5,810 (675)	†	†
<b>2015–16, all institutions</b> .....	<b>\$18,210</b> (105)	<b>\$11,790</b> (58)	<b>\$11,240</b> (121)	<b>\$11,340</b> (92)	<b>\$4,880</b> (22)	<b>\$10,220</b> (114)	<b>\$11,140</b> (75)	<b>\$9,810</b> (48)	<b>\$10,200</b> (238)	<b>\$2,430</b> (30)	<b>\$2,340</b> (31)
Public.....	13,420 (88)	10,330 (59)	6,740 (83)	8,050 (74)	4,840 (22)	6,100 (77)	9,750 (66)	8,920 (53)	8,160 (222)	2,550 (52)	2,430 (50)
4-year doctoral.....	16,060 (95)	11,870 (81)	8,140 (96)	9,380 (90)	4,890 (28)	7,390 (90)	10,580 (82)	9,650 (63)	8,510 (268)	2,500 (55)	2,400 (55)
Other 4-year.....	12,820 (215)	9,610 (135)	6,270 (221)	7,570 (199)	4,750 (82)	5,470 (213)	9,250 (182)	8,270 (143)	8,260 (572)	2,470 (139)	2,410 (135)
2-year.....	7,820 (135)	7,300 (97)	3,130 (172)	5,520 (120)	4,800 (39)	2,990 (179)	6,080 (104)	5,920 (90)	4,490 (460)	2,820 (195)	2,620 (164)
Less-than-2-year.....	7,230 (637)	7,110 (655)	3,200 (971)	4,690 (480)	4,130 (250)	3,120 (1,031)	7,630 (1,281)	7,630 (1,281)	†	†	†
Private, nonprofit.....	30,920 (310)	14,380 (130)	21,950 (316)	20,610 (265)	5,120 (71)	19,840 (287)	13,870 (193)	11,380 (98)	12,720 (440)	2,330 (35)	2,250 (40)
4-year doctoral.....	32,620 (442)	14,630 (173)	23,150 (444)	22,010 (380)	5,170 (122)	20,810 (404)	14,800 (255)	11,950 (137)	13,290 (604)	2,450 (52)	2,380 (58)
Other 4-year.....	29,450 (480)	14,150 (210)	20,610 (449)	19,360 (416)	5,070 (57)	18,700 (426)	12,960 (250)	10,830 (133)	12,100 (604)	2,180 (51)	2,070 (58)
Less-than-4-year.....	13,150 (897)	12,550 (571)	3,130 (1,333)	5,600 (469)	5,020 (121)	2,600 (994)	8,470 (624)	8,230 (577)	†	†	†
Private, for-profit.....	18,310 (376)	15,960 (330)	6,030 (415)	6,240 (147)	4,730 (55)	4,420 (316)	11,880 (222)	10,850 (191)	10,560 (653)	3,160 (395)	3,160 (407)
2-year and above.....	19,750 (471)	17,140 (412)	6,130 (462)	6,500 (173)	4,780 (59)	4,510 (349)	12,700 (263)	11,550 (219)	11,210 (742)	3,410 (400)	3,410 (409)
Less-than-2-year.....	12,580 (470)	11,380 (414)	5,290 (687)	5,190 (258)	4,550 (121)	3,510 (803)	8,680 (359)	8,090 (355)	7,750 (1,036)	†	†
Constant 2016–17 dollars <sup>6</sup>											
All institutions											
1992–93.....	\$9,540 (136)	\$7,360 (92)	\$5,770 (144)	\$6,000 (107)	\$3,400 (29)	\$5,530 (144)	\$6,580 (100)	\$6,390 (92)	\$4,490 (226)	\$2,320 (58)	\$2,180 (65)
1995–96.....	10,800 (250)	8,240 (96)	6,280 (256)	6,260 (217)	3,140 (36)	5,830 (255)	7,590 (96)	7,500 (91)	4,380 (365)	2,210 (63)	2,120 (58)
1999–2000.....	12,140 (143)	8,550 (83)	7,400 (136)	7,310 (116)	3,620 (27)	6,580 (132)	8,640 (84)	7,780 (73)	6,980 (222)	2,400 (53)	2,250 (56)
2003–04.....	12,730 (121)	9,140 (78)	7,410 (154)	7,400 (131)	4,210 (29)	6,430 (163)	9,130 (93)	7,910 (74)	7,950 (180)	2,520 (46)	2,330 (49)
2007–08.....	14,540 (113)	9,370 (58)	9,320 (102)	8,310 (82)	4,210 (21)	7,420 (91)	10,910 (88)	8,120 (64)	8,940 (128)	2,600 (29)	2,470 (34)
2011–12.....	16,240 (113)	11,540 (80)	9,770 (118)	9,840 (98)	4,880 (21)	9,160 (123)	10,760 (80)	9,770 (73)	7,440 (199)	2,400 (51)	2,320 (39)
2015–16.....	18,550 (107)	12,010 (60)	11,440 (124)	11,550 (94)	4,970 (22)	10,410 (116)	11,350 (77)	9,990 (49)	10,390 (242)	2,480 (30)	2,380 (31)

†Not applicable.

<sup>1</sup>Interpret data with caution. The coefficient of variation (CV) for this estimate is between 30 and 50 percent.

<sup>2</sup>Reporting standards not met. Either there are too few cases for a reliable estimate or the coefficient of variation (CV) is 50 percent or greater.

<sup>3</sup>Details on nonfederal work-study participants are not available.

<sup>4</sup>Includes students who reported that they were awarded aid, but did not specify the source or type of aid.

<sup>5</sup>Includes Department of Veterans Affairs and Department of Defense benefits.

<sup>6</sup>Indicates all grants, scholarships, or tuition waivers received from federal, state, institutional, or private sources, including employers.

<sup>5</sup>Includes Parent Loans for Undergraduate Students (PLUS).

<sup>6</sup>Constant dollars based on the Consumer Price Index, prepared by the Bureau of Labor Statistics, U.S. Department of Labor, adjusted to a school-year basis.

NOTE: Aid averages are for those students who received the specified type of aid. Full-time, full-year students were enrolled full time for 9 or more months from July 1 through June 30. Data exclude Puerto Rico.

SOURCE: U.S. Department of Education, National Center for Education Statistics, 1992–93, 1995–96, 1999–2000, 2003–04, 2007–08, 2011–12, and 2015–16 National Postsecondary Student Aid Study (NPSAS:93, NPSAS:96, NPSAS:2000, NPSAS:04, NPSAS:08, NPSAS:12, and NPSAS:16). (This table was prepared May 2018.)

**Table 331.90. Percentage of full-time and part-time undergraduates receiving federal aid, by aid program and control and level of institution: 2011–12 and 2015–16**

[Standard errors appear in parentheses]

Control and level of institution	Number of undergraduates <sup>1</sup> (in thousands)	Percent receiving federal aid								
		Any federal aid	Selected Title IV programs <sup>2</sup>						Stafford <sup>6</sup>	PLUS <sup>7</sup>
			Any Title IV aid	Pell	SEOG <sup>3</sup>	CWS <sup>4</sup>	Perkins <sup>5</sup>			
1	2	3	4	5	6	7	8	9	10	
<b>2011–12</b>										
<b>Full-time, full-year students</b>										
<b>All institutions</b> .....	<b>8,864</b>	<b>72.8 (0.51)</b>	<b>71.4 (0.54)</b>	<b>47.1 (0.50)</b>	<b>9.0 (0.24)</b>	<b>10.5 (0.24)</b>	<b>4.2 (0.18)</b>	<b>55.1 (0.54)</b>	<b>9.1 (0.23)</b>	
Public .....	5,997	68.4 (0.61)	67.1 (0.64)	45.8 (0.59)	6.6 (0.26)	6.2 (0.23)	2.7 (0.15)	47.1 (0.57)	7.1 (0.28)	
4-year doctoral .....	2,893	70.9 (0.47)	70.1 (0.48)	40.8 (0.39)	7.1 (0.39)	7.4 (0.37)	4.3 (0.30)	60.0 (0.43)	11.4 (0.45)	
Other 4-year .....	969	72.7 (1.34)	71.4 (1.43)	48.1 (1.07)	6.5 (0.52)	8.6 (0.61)	2.8 (0.35)	54.0 (1.53)	8.1 (0.67)	
2-year .....	2,104	63.0 (1.24)	61.0 (1.29)	51.4 (1.30)	5.9 (0.40)	3.4 (0.28)	0.3 (0.06)	26.5 (0.99)	1.0 (0.11)	
Less-than-2-year .....	31	67.8 (4.72)	66.4 (5.20)	62.4 (5.04)	† (†)	† (†)	# (†)	19.7 (4.83)	† (†)	
Private, nonprofit .....	1,875	76.1 (0.75)	74.9 (0.75)	37.2 (0.64)	12.2 (0.60)	29.2 (0.81)	10.6 (0.61)	66.0 (0.90)	16.5 (0.67)	
4-year doctoral .....	990	74.3 (0.94)	73.4 (0.96)	34.5 (0.77)	11.0 (0.89)	30.0 (1.26)	13.3 (0.97)	64.4 (1.08)	16.7 (1.10)	
Other 4-year .....	849	78.0 (1.20)	76.7 (1.17)	39.8 (1.11)	13.6 (0.74)	29.1 (1.14)	8.0 (0.69)	68.2 (1.48)	16.2 (0.76)	
Less-than-4-year .....	36	78.1 (5.04)	74.6 (5.35)	48.5 (6.54)	13.1 ! (5.38)	† (†)	† (†)	59.0 (7.42)	13.9 (3.36)	
Private, for-profit .....	992	93.1 (0.51)	90.4 (0.52)	73.8 (0.81)	17.8 (0.87)	1.8 (0.20)	1.4 (0.23)	83.2 (0.90)	7.1 (0.44)	
2-year and above .....	859	92.8 (0.59)	89.7 (0.59)	72.1 (0.91)	15.7 (0.81)	2.1 (0.23)	1.6 (0.27)	83.3 (0.91)	7.3 (0.48)	
Less-than-2-year .....	133	95.2 (0.79)	95.1 (0.80)	85.0 (1.46)	31.4 (4.40)	† (†)	† (†)	82.9 (3.51)	5.9 (0.77)	
<b>Part-time or part-year students</b>										
<b>All institutions</b> .....	<b>14,192</b>	<b>51.1 (1.10)</b>	<b>48.4 (1.09)</b>	<b>37.6 (0.85)</b>	<b>4.4 (0.19)</b>	<b>2.0 (0.12)</b>	<b>0.9 (0.08)</b>	<b>30.7 (0.44)</b>	<b>1.6 (0.10)</b>	
Public .....	10,929	44.5 (1.22)	42.4 (1.13)	33.4 (0.89)	2.6 (0.14)	1.6 (0.11)	0.5 (0.05)	22.1 (0.43)	1.0 (0.08)	
Private, nonprofit .....	1,135	61.0 (1.61)	56.5 (1.99)	34.8 (1.51)	6.8 (0.66)	7.1 (0.76)	1.9 (0.30)	49.5 (1.57)	4.3 (0.51)	
Private, for-profit .....	2,128	79.7 (0.83)	75.2 (1.16)	60.5 (1.09)	12.8 (0.83)	0.9 (0.14)	2.0 (0.47)	65.3 (0.47)	3.4 (0.32)	
<b>2015–16</b>										
<b>Full-time, full-year students</b>										
<b>All institutions</b> .....	<b>7,239</b>	<b>69.8 (0.33)</b>	<b>68.4 (0.34)</b>	<b>44.0 (0.31)</b>	<b>10.4 (0.22)</b>	<b>9.1 (0.25)</b>	<b>4.3 (0.17)</b>	<b>52.0 (0.34)</b>	<b>9.3 (0.18)</b>	
Public .....	5,023	67.7 (0.42)	66.3 (0.42)	44.3 (0.38)	8.6 (0.25)	5.8 (0.24)	3.3 (0.18)	46.3 (0.40)	7.8 (0.18)	
4-year doctoral .....	2,849	69.4 (0.48)	68.3 (0.48)	41.3 (0.38)	9.4 (0.35)	7.1 (0.35)	4.9 (0.29)	56.9 (0.44)	11.5 (0.28)	
Other 4-year .....	765	72.6 (0.98)	70.9 (1.05)	45.0 (1.20)	7.2 (0.54)	5.2 (0.67)	2.7 (0.49)	50.4 (1.25)	7.3 (0.49)	
2-year .....	1,391	61.6 (0.85)	59.5 (0.86)	50.0 (0.80)	8.0 (0.51)	3.4 (0.41)	0.5 (0.08)	22.6 (0.62)	0.6 (0.10)	
Less-than-2-year .....	19	67.0 (8.01)	64.4 (8.15)	56.0 (7.26)	3.0 ! (1.20)	† (†)	† (†)	25.1 (6.39)	† (†)	
Private, nonprofit .....	1,735	70.3 (0.61)	69.6 (0.59)	35.5 (0.52)	13.9 (0.46)	21.0 (0.75)	8.2 (0.52)	61.9 (0.63)	14.0 (0.43)	
4-year doctoral .....	1,011	67.5 (0.89)	66.8 (0.88)	31.9 (0.61)	13.2 (0.49)	21.3 (1.03)	9.0 (0.71)	58.6 (0.82)	14.2 (0.63)	
Other 4-year .....	684	73.7 (0.89)	73.0 (0.86)	38.7 (0.81)	15.3 (0.82)	21.7 (1.22)	7.4 (0.76)	66.3 (1.00)	14.2 (0.55)	
Less-than-4-year .....	40	81.7 (3.76)	81.0 (3.83)	72.2 (4.88)	† (†)	† (†)	† (†)	70.7 (5.65)	† (†)	
Private, for-profit .....	481	89.4 (0.71)	86.7 (0.68)	71.9 (0.85)	15.6 (0.95)	1.5 (0.23)	0.7 (0.16)	76.5 (0.79)	8.0 (0.59)	
2-year and above .....	382	89.7 (0.77)	86.3 (0.74)	70.4 (0.97)	16.2 (0.81)	1.5 (0.28)	0.8 (0.21)	77.2 (0.79)	7.8 (0.48)	
Less-than-2-year .....	99	88.6 (1.74)	88.2 (1.76)	77.5 (2.19)	13.2 (3.37)	1.1 ! (0.54)	† (†)	73.9 (2.40)	8.8 (2.05)	
<b>Part-time or part-year students</b>										
<b>All institutions</b> .....	<b>12,069</b>	<b>47.6 (0.26)</b>	<b>45.4 (0.24)</b>	<b>35.5 (0.20)</b>	<b>5.9 (0.16)</b>	<b>1.8 (0.15)</b>	<b>0.8 (0.07)</b>	<b>27.0 (0.21)</b>	<b>1.4 (0.08)</b>	
Public .....	9,468	42.0 (0.30)	40.0 (0.28)	31.4 (0.24)	4.4 (0.16)	1.5 (0.16)	0.6 (0.05)	19.8 (0.21)	0.9 (0.07)	
4-year doctoral .....	1,825	55.5 (0.71)	53.5 (0.73)	34.1 (0.72)	5.5 (0.37)	2.2 (0.26)	2.5 (0.26)	43.4 (0.67)	3.6 (0.32)	
Other 4-year .....	1,346	44.8 (1.25)	42.8 (1.12)	32.9 (0.99)	3.5 (0.42)	1.1 (0.24)	0.4 (0.08)	21.9 (0.75)	1.0 (0.19)	
2-year .....	6,249	37.5 (0.38)	35.5 (0.35)	30.3 (0.30)	4.3 (0.19)	1.4 (0.24)	# (†)	12.6 (0.15)	0.1 (0.02)	
Less-than-2-year .....	48	38.4 (2.59)	35.2 (2.52)	30.0 (2.05)	1.9 ! (0.61)	† (†)	† (†)	12.4 (2.70)	† (†)	
Private, nonprofit .....	1,220	58.0 (1.03)	55.9 (1.03)	37.7 (0.93)	8.0 (0.69)	4.7 (0.63)	2.7 (0.50)	46.7 (0.93)	3.7 (0.40)	
4-year doctoral .....	622	53.5 (1.58)	51.4 (1.55)	32.5 (1.37)	6.5 (0.77)	4.8 (0.98)	3.5 (0.89)	44.7 (1.34)	3.4 (0.52)	
Other 4-year .....	540	61.6 (1.13)	59.5 (1.16)	41.7 (1.18)	9.5 (1.14)	4.9 (0.79)	2.0 (0.46)	48.5 (1.12)	3.9 (0.63)	
Less-than-4-year .....	58	73.2 (4.47)	70.2 (4.96)	56.2 (5.18)	9.0 ! (3.71)	1.1 ! (0.47)	† (†)	52.7 (4.60)	3.7 ! (1.39)	
Private, for-profit .....	1,381	77.0 (0.59)	73.5 (0.53)	61.5 (0.57)	14.6 (0.76)	0.9 (0.11)	0.8 (0.19)	58.4 (0.53)	3.0 (0.28)	
2-year and above .....	1,140	77.5 (0.67)	73.6 (0.60)	61.4 (0.60)	15.6 (0.87)	1.0 (0.12)	0.9 (0.22)	59.2 (0.47)	2.9 (0.31)	
Less-than-2-year .....	240	74.6 (1.55)	73.1 (1.41)	61.8 (1.63)	9.9 (1.60)	0.7 ! (0.32)	† (†)	54.6 (2.11)	3.5 (0.63)	

†Not applicable.  
#Rounds to zero.  
!Interpret data with caution. The coefficient of variation (CV) for this estimate is between 30 and 50 percent.  
‡Reporting standards not met. The coefficient of variation (CV) for this estimate is 50 percent or greater.  
<sup>1</sup>Numbers of undergraduates may not equal figures reported in other tables, since these data are based on a sample survey of students who enrolled at any point during the year.  
<sup>2</sup>Refers to Title IV of the Higher Education Act.  
<sup>3</sup>Supplemental Educational Opportunity Grants.  
<sup>4</sup>College Work Study. Prior to October 17, 1986, private for-profit institutions were prohibited by law from spending CWS funds for on-campus work. Includes persons who participated in the program but had no earnings.

<sup>5</sup>Formerly National Direct Student Loans (NDSL).  
<sup>6</sup>Formerly Guaranteed Student Loans (GSL).  
<sup>7</sup>Parent Loans for Undergraduate Students.  
NOTE: Full-time, full-year undergraduates are those who were enrolled full time for 9 or more months. Part-time or part-year undergraduates include those who were enrolled part time for 9 or more months and those who were enrolled for less than 9 months either part time or full time. Excludes students whose attendance status was not reported. Detail may not sum to totals because of rounding and because some students receive multiple types of aid and aid from different sources. Data exclude students attending institutions in Puerto Rico.  
SOURCE: U.S. Department of Education, National Center for Education Statistics, 2011–12 and 2015–16 National Postsecondary Student Aid Study (NPSAS:12 and NPSAS:16). (This table was prepared June 2018.)

**Table 331.95. Percentage of undergraduate degree/certificate completers who ever received loans and average cumulative amount borrowed, by degree level, selected student characteristics, and institution control: Selected years, 1999–2000 through 2015–16**

[Standard errors appear in parentheses]

Degree level, selected student characteristics, and institution control	1999–2000			2011–12				2015–16				
	Loans to students		Parent PLUS Loans <sup>1</sup>	Loans to students			Parent PLUS Loans <sup>1</sup>	Loans to students			Parent PLUS Loans <sup>1</sup>	
	Total loans to students	Federal loans to students		Total loans to students	Federal loans to students	Nonfederal loans		Total loans to students	Federal loans to students	Nonfederal loans		
1	2	3	4	5	6	7	8	9	10	11	12	
Percent of completers who ever received loans												
<b>Total, all completers</b> .....	<b>52.5</b> (0.75)	<b>50.5</b> (0.74)	<b>7.2</b> (0.27)	<b>61.6</b> (0.62)	<b>58.6</b> (0.62)	<b>24.8</b> (0.50)	<b>10.5</b> (0.40)	<b>61.8</b> (0.55)	<b>59.7</b> (0.56)	<b>10.4</b> (0.27)	<b>10.3</b> (0.24)	
<b>Certificate below associate's level</b> .....	<b>43.5</b> (2.64)	<b>39.6</b> (2.57)	<b>3.3</b> (0.55)	<b>66.3</b> (1.71)	<b>63.8</b> (1.79)	<b>23.4</b> (1.25)	<b>7.9</b> (0.83)	<b>67.7</b> (1.76)	<b>65.9</b> (1.88)	<b>9.2</b> (0.71)	<b>7.2</b> (0.65)	
Sex												
Male .....	39.3	35.9	3.4	58.0	55.9	21.5	8.7	57.4	55.9	7.7	8.4	
Female .....	46.7	42.5	3.3	70.0	67.2	24.2	7.6	73.6	71.6	10.0	6.6	
Institution control												
Public .....	27.1	22.2	0.9 !	36.2	31.8	10.5	1.8 !	44.6	43.0	4.3	3.4	
Private nonprofit .....	53.2	49.8	9.8 !	76.1	73.3	23.1	†	80.1	76.4	11.9	6.4 !	
Private for-profit .....	86.3	85.0	8.5	85.9	84.6	32.2	12.0	87.5	85.7	13.3	11.0	
<b>Associate's degree</b> .....	<b>38.9</b> (1.59)	<b>36.9</b> (1.65)	<b>4.3</b> (0.54)	<b>49.8</b> (1.09)	<b>46.1</b> (1.03)	<b>18.7</b> (0.83)	<b>5.0</b> (0.44)	<b>48.1</b> (1.04)	<b>46.2</b> (1.04)	<b>5.8</b> (0.46)	<b>5.1</b> (0.42)	
Sex												
Male .....	37.9	36.0	5.8	46.2	42.1	18.6	6.0	41.9	39.8	5.3	5.4	
Female .....	39.4	37.4	3.5	52.3	48.9	18.9	4.3	52.5	50.8	6.1	4.9	
Race/ethnicity												
White .....	39.5	37.4	4.5	49.2	45.7	19.8	5.0	50.2	48.4	6.4	6.1	
Black .....	44.5	42.3	2.8 !	66.2	60.8	22.1	3.2	66.7	65.6	5.4	4.2	
Hispanic .....	41.3	39.5	7.2 !	44.6	40.7	15.8	5.9	35.4	34.0	3.6	4.1	
Asian .....	16.9 !	16.3 !	†	26.1	23.0	9.9	6.1 !	26.7	22.1	6.2 !	2.5 !	
Pacific Islander .....	†	†	†	†	†	†	†	47.3	41.7	†	†	
American Indian/Alaska Native .....	†	†	†	64.6	64.6	†	†	67.2	63.3	19.0 !	†	
Two or more races .....	†	†	†	52.1	51.5	21.9	6.2 !	47.1	45.5	6.4 !	4.6 !	
Other <sup>2</sup> .....	†	†	†	†	†	†	†	†	†	†	†	
Dependency status												
Dependent .....	36.7	35.6	8.9	41.3	38.6	16.2	7.9	34.9	33.2	4.4	5.3	
Independent .....	40.1	37.6	1.7	54.7	50.4	20.2	3.3	55.4	53.4	6.5	5.0	
Institution control												
Public .....	32.6	30.6	1.9	42.1	38.1	14.9	3.2	40.9	38.8	4.8	3.9	
Private nonprofit .....	45.7	43.0	11.1 !	86.9	84.8	43.2	12.5 !	83.9	83.1	11.9	9.0	
Private for-profit .....	92.5	91.6	22.4	88.3	86.4	37.2	14.1	88.3	87.8	10.6	12.4	
<b>Bachelor's degree</b> .....	<b>62.2</b> (0.70)	<b>61.0</b> (0.70)	<b>10.2</b> (0.40)	<b>69.0</b> (0.75)	<b>66.3</b> (0.72)	<b>29.8</b> (0.79)	<b>15.5</b> (0.68)	<b>68.9</b> (0.62)	<b>66.7</b> (0.64)	<b>13.8</b> (0.33)	<b>14.6</b> (0.36)	
Sex												
Male .....	61.4	60.2	10.6	67.0	63.9	29.4	15.1	65.7	63.3	13.3	14.8	
Female .....	62.8	61.6	9.8	70.5	68.2	30.1	15.9	71.4	69.3	14.2	14.4	
Race/ethnicity												
White .....	60.7	59.5	10.2	67.5	64.8	30.2	16.0	69.4	67.1	15.5	15.7	
Black .....	80.5	80.0	13.9	84.2	82.0	33.2	16.9	84.9	83.8	10.6	16.7	
Hispanic .....	68.7	67.1	11.7	71.9	69.2	30.0	15.1	66.6	64.7	10.2	11.8	
Asian .....	50.2	49.0	4.3	47.2	42.7	20.5	7.8	45.1	41.4	10.6	8.7	
Pacific Islander .....	66.7	66.7	19.1	†	†	†	†	89.4	80.7	18.3 !	14.1 !	
American Indian/Alaska Native .....	75.2	71.8	3.8 !	61.5	60.2	19.5 !	†	76.1	69.9	14.4	6.9 !	
Two or more races .....	55.0	52.7	7.6	81.0	78.7	31.7	21.0	72.9	70.1	17.5	17.1	
Other <sup>2</sup> .....	53.5	53.1	6.3 !	†	†	†	†	†	†	†	†	
Dependency status												
Dependent .....	59.2	58.0	14.4	64.9	61.6	29.8	21.0	65.9	63.4	15.9	18.9	
Independent .....	65.9	64.8	4.9	74.1	72.2	29.7	8.6	72.6	70.6	11.3	9.3	
Institution control												
Public .....	60.0	58.8	8.3	64.1	61.2	25.9	13.5	66.4	64.1	11.7	13.7	
Private nonprofit .....	66.2	65.2	14.1	73.5	70.7	34.6	21.5	69.2	66.7	17.9	17.0	
Private for-profit .....	77.2	77.0	10.8 !	87.2	86.3	40.5	10.9	86.5	85.3	15.1	12.7	

See notes at end of table.

**Table 331.95. Percentage of undergraduate degree/certificate completers who ever received loans and average cumulative amount borrowed, by degree level, selected student characteristics, and institution control: Selected years, 1999–2000 through 2015–16—Continued**  
[Standard errors appear in parentheses]

Degree level, selected student characteristics, and institution control	1999–2000			2011–12				2015–16														
	Loans to students		Parent PLUS Loans <sup>1</sup>	Loans to students			Parent PLUS Loans <sup>1</sup>	Loans to students			Parent PLUS Loans <sup>1</sup>											
	Total loans to students	Federal loans to students		Total loans to students	Federal loans to students	Nonfederal loans		Total loans to students	Federal loans to students	Nonfederal loans												
1	2	3	4	5	6	7	8	9	10	11	12											
Average cumulative loan amount for students with loans (current dollars) <sup>3</sup>																						
<b>Total, all completers</b> .....	<b>\$14,260</b>	<b>(186)</b>	<b>\$13,540</b>	<b>(162)</b>	<b>\$12,630</b>	<b>(443)</b>	<b>\$23,050</b>	<b>(285)</b>	<b>\$19,510</b>	<b>(208)</b>	<b>\$11,210</b>	<b>(450)</b>	<b>\$22,990</b>	<b>(1,197)</b>	<b>\$24,480</b>	<b>(336)</b>	<b>\$22,520</b>	<b>(305)</b>	<b>\$16,160</b>	<b>(439)</b>	<b>\$27,170</b>	<b>(676)</b>
<b>Certificate below associate's level</b> .....	<b>7,790</b>	<b>(418)</b>	<b>7,150</b>	<b>(330)</b>	<b>6,850</b>	<b>(1,081)</b>	<b>13,280</b>	<b>(374)</b>	<b>11,380</b>	<b>(343)</b>	<b>6,630</b>	<b>(526)</b>	<b>8,900</b>	<b>(612)</b>	<b>15,520</b>	<b>(502)</b>	<b>14,280</b>	<b>(413)</b>	<b>12,080</b>	<b>(1,649)</b>	<b>12,920</b>	<b>(1,158)</b>
Sex .....																						
Male .....	8,110	(533)	7,550	(544)	8,290	(2,316)	13,370	(743)	10,970	(629)	7,540	(1,314)	10,080	(1,199)	15,380	(1,091)	13,760	(891)	14,630	(3,942)	16,320	(2,136)
Female .....	7,590	(492)	6,900	(373)	5,720	(941)	13,250	(393)	11,520	(357)	6,280	(510)	8,300	(775)	15,590	(476)	14,520	(423)	10,950	(1,549)	10,450	(1,172)
Institution control .....																						
Public .....	7,640	(819)	7,540	(623)	†	(†)	12,420	(1,151)	11,030	(1,095)	9,410	(2,241)	†	(†)	16,400	(1,080)	15,550	(946)	†	(†)	†	(†)
Private nonprofit .....	11,240	(2,280)	9,880	(1,828)	9,680	(2,443)	15,820	(2,721)	11,850	(1,463)	14,530	(6,937)	†	(†)	17,110	(2,536)	15,840	(1,951)	13,520	(6,105)	17,470	(6,447)
Private for-profit .....	7,470	(323)	6,540	(287)	6,260	(1,604)	13,320	(345)	11,430	(329)	5,510	(338)	9,180	(650)	14,880	(434)	13,480	(326)	11,040	(1,616)	11,110	(943)
<b>Associate's degree</b> .....	<b>9,490</b>	<b>(334)</b>	<b>8,840</b>	<b>(339)</b>	<b>7,630</b>	<b>(1,046)</b>	<b>17,160</b>	<b>(359)</b>	<b>15,130</b>	<b>(305)</b>	<b>8,370</b>	<b>(413)</b>	<b>14,830</b>	<b>(1,095)</b>	<b>18,550</b>	<b>(408)</b>	<b>18,060</b>	<b>(392)</b>	<b>9,950</b>	<b>(1,136)</b>	<b>12,980</b>	<b>(1,148)</b>
Sex .....																						
Male .....	9,320	(698)	8,590	(663)	7,860	(2,013)	15,950	(536)	13,930	(418)	8,090	(561)	16,000	(1,696)	17,010	(652)	16,150	(552)	13,220	(2,547)	13,500	(1,712)
Female .....	9,570	(436)	8,970	(384)	7,430	(803)	17,900	(535)	15,850	(447)	8,570	(621)	13,690	(1,445)	19,110	(485)	19,110	(485)	7,970	(792)	12,580	(1,338)
Race/ethnicity .....																						
White .....	9,590	(480)	8,910	(433)	8,510	(1,285)	17,110	(485)	14,630	(377)	8,810	(577)	15,400	(1,429)	17,760	(533)	17,100	(486)	10,210	(1,837)	13,350	(1,638)
Black .....	9,500	(771)	8,590	(659)	†	(†)	19,280	(922)	17,580	(783)	9,380	(1,321)	15,050	(4,419)	22,300	(834)	21,930	(792)	9,020	(2,182)	11,310	(1,748)
Hispanic .....	8,840	(2,037)	9,090	(2,124)	†	(†)	15,170	(912)	14,020	(786)	6,650	(667)	12,220	(1,572)	15,970	(904)	15,590	(928)	9,770	(1,659)	12,440	(1,563)
Asian .....	†	(†)	†	(†)	†	(†)	13,580	(1,965)	13,400	(1,786)	4,640	(902)	†	(†)	16,830	(1,772)	17,720	(1,981)	9,340	(2,170)	†	(†)
Pacific Islander .....	†	(†)	†	(†)	†	(†)	†	(†)	†	(†)	†	(†)	†	(†)	†	(†)	†	(†)	†	(†)	†	(†)
American Indian/Alaska Native .....	†	(†)	†	(†)	†	(†)	22,330	(3,730)	22,100	(3,720)	†	(†)	†	(†)	18,230	(3,431)	17,830	(3,110)	†	(†)	†	(†)
Two or more races .....	†	(†)	†	(†)	†	(†)	17,570	(1,740)	15,260	(1,453)	5,920	(1,367)	†	(†)	21,790	(2,159)	20,940	(2,134)	†	(†)	†	(†)
Other <sup>2</sup> .....	†	(†)	†	(†)	†	(†)	†	(†)	†	(†)	†	(†)	†	(†)	†	(†)	†	(†)	†	(†)	†	(†)
Dependency status .....																						
Dependent .....	8,280	(530)	7,400	(452)	8,830	(1,306)	13,240	(512)	11,200	(391)	7,090	(618)	15,520	(1,739)	12,140	(438)	11,660	(440)	8,340	(1,100)	15,470	(1,677)
Independent .....	10,120	(479)	9,630	(459)	†	(†)	18,860	(471)	16,860	(420)	8,960	(534)	13,880	(1,419)	20,780	(474)	20,250	(448)	10,550	(1,504)	11,510	(1,381)
Institution control .....																						
Public .....	8,060	(431)	7,360	(398)	†	(†)	13,970	(349)	12,300	(315)	8,080	(538)	12,070	(1,154)	15,640	(511)	15,230	(494)	10,110	(1,639)	11,600	(1,490)
Private nonprofit .....	11,850	(1,035)	11,950	(999)	†	(†)	25,310	(2,076)	20,420	(1,564)	10,790	(2,742)	†	(†)	24,830	(1,159)	23,890	(1,239)	8,180	(2,395)	14,950	(2,567)
Private for-profit .....	13,440	(685)	12,540	(672)	9,550	(1,804)	24,680	(624)	21,550	(537)	8,550	(486)	17,590	(1,854)	26,420	(512)	25,340	(537)	10,220	(718)	15,740	(1,994)
<b>Bachelor's degree</b> .....	<b>17,480</b>	<b>(204)</b>	<b>16,530</b>	<b>(180)</b>	<b>14,350</b>	<b>(548)</b>	<b>29,380</b>	<b>(456)</b>	<b>24,400</b>	<b>(295)</b>	<b>13,760</b>	<b>(704)</b>	<b>27,350</b>	<b>(1,613)</b>	<b>29,910</b>	<b>(402)</b>	<b>27,050</b>	<b>(384)</b>	<b>18,700</b>	<b>(432)</b>	<b>32,600</b>	<b>(796)</b>
Sex .....																						
Male .....	17,470	(247)	16,530	(232)	14,730	(784)	29,030	(666)	23,740	(451)	14,630	(1,044)	29,780	(3,015)	28,920	(477)	26,120	(429)	18,760	(800)	33,790	(1,296)
Female .....	17,490	(256)	16,530	(230)	14,050	(627)	29,650	(551)	24,890	(378)	13,090	(857)	25,530	(1,602)	30,610	(451)	27,710	(420)	18,650	(641)	31,660	(967)
Race/ethnicity .....																						
White .....	17,370	(211)	16,390	(195)	14,720	(591)	29,060	(579)	23,690	(354)	14,050	(766)	27,450	(2,033)	30,090	(346)	26,460	(325)	20,040	(595)	34,370	(1,088)
Black .....	19,510	(793)	18,760	(718)	10,880	(1,006)	33,020	(1,066)	29,200	(842)	11,620	(1,662)	24,490	(4,344)	34,000	(877)	32,370	(809)	16,450	(1,555)	24,800	(2,009)
Hispanic .....	17,450	(821)	16,270	(626)	13,810	(1,693)	29,520	(1,584)	23,710	(825)	16,050	(2,820)	26,470	(3,900)	26,820	(774)	25,420	(725)	13,900	(1,028)	29,440	(2,070)
Asian .....	14,540	(619)	13,990	(545)	20,260	(4,188)	23,130	(1,259)	20,740	(1,041)	10,070	(2,255)	†	(†)	25,450	(1,094)	22,770	(882)	19,250	(2,191)	34,080	(3,962)
Pacific Islander .....	18,380	(1,787)	16,850	(1,222)	†	(†)	†	(†)	†	(†)	†	(†)	†	(†)	26,520	(3,981)	27,690	(3,236)	†	(†)	†	(†)
American Indian/Alaska Native .....	18,770	(1,553)	18,290	(1,646)	†	(†)	†	(†)	†	(†)	†	(†)	†	(†)	26,380	(2,659)	25,550	(2,696)	†	(†)	†	(†)
Two or more races .....	17,720	(1,352)	16,470	(1,229)	†	(†)	28,050	(1,731)	23,950	(1,427)	12,250	(2,067)	†	(†)	29,680	(1,097)	27,280	(940)	14,490	(1,605)	40,070	(3,890)
Other <sup>2</sup> .....	16,210	(1,378)	15,250	(1,361)	†	(†)	†	(†)	†	(†)	†	(†)	†	(†)	†	(†)	†	(†)	†	(†)	†	(†)
Dependency status .....																						
Dependent .....	16,910	(221)	15,620	(177)	15,680	(671)	26,070	(575)	20,370	(285)	14,700	(917)	28,410	(1,566)	26,760	(282)	22,450	(199)	21,340	(575)	36,790	(1,047)
Independent .....	18,110	(320)	17,540	(300)	9,490	(802)	33,040	(637)	28,740	(481)	12,570	(905)	24,060	(4,374)	33,340	(649)	32,010	(587)	14,230	(634)	22,420	(1,257)
Institution control .....																						
Public .....	16,210	(233)	15,700	(213)	11,600	(550)	25,640	(454)	22,030	(336)	11,400	(621)	20,460	(1,080)	26,930	(278)	25,000	(235)	15,770	(611)	27,530	(990)
Private nonprofit .....	19,620	(373)	17,810	(313)	17,950	(810)	32,310	(1,181)	24,610	(594)	18,370	(1,698)	37,130	(3,739)	31,890	(453)	26,670	(331)	23,840	(766)	41,940	(1,853)
Private for-profit .....	24,040	(1,204)	23,170	(1,160)	†	(†)	40,040	(798)	34,880	(612)	11,870	(911)	25,650	(2,506)	41,320	(1,592)	39,150	(1,303)	15,460	(1,060)	31,890	(2,316)

See notes at end of table.

**Table 331.95. Percentage of undergraduate degree/certificate completers who ever received loans and average cumulative amount borrowed, by degree level, selected student characteristics, and institution control: Selected years, 1999–2000 through 2015–16—Continued**

[Standard errors appear in parentheses]

Degree level, selected student characteristics, and institution control	1999–2000			2011–12				2015–16														
	Loans to students		Parent PLUS Loans <sup>1</sup>	Loans to students			Parent PLUS Loans <sup>1</sup>	Loans to students			Parent PLUS Loans <sup>1</sup>											
	Total loans to students	Federal loans to students		Total loans to students	Federal loans to students	Nonfederal loans		Total loans to students	Federal loans to students	Nonfederal loans												
1	2	3	4	5	6	7	8	9	10	11	12											
Average cumulative loan amount for students with loans (constant 2016–17 dollars) <sup>3,4</sup>																						
<b>Total, all completers .....</b>	<b>\$20,440</b>	<b>(267)</b>	<b>\$19,400</b>	<b>(232)</b>	<b>\$18,100</b>	<b>(634)</b>	<b>\$24,580</b>	<b>(304)</b>	<b>\$20,800</b>	<b>(222)</b>	<b>\$11,960</b>	<b>(479)</b>	<b>\$24,510</b>	<b>(1,276)</b>	<b>\$24,930</b>	<b>(342)</b>	<b>\$22,930</b>	<b>(310)</b>	<b>\$16,460</b>	<b>(447)</b>	<b>\$27,670</b>	<b>(688)</b>
<b>Certificate below associate's level .....</b>	<b>11,170</b>	<b>(600)</b>	<b>10,250</b>	<b>(473)</b>	<b>9,820</b>	<b>(1,549)</b>	<b>14,160</b>	<b>(399)</b>	<b>12,130</b>	<b>(366)</b>	<b>7,070</b>	<b>(561)</b>	<b>9,490</b>	<b>(652)</b>	<b>15,810</b>	<b>(511)</b>	<b>14,550</b>	<b>(421)</b>	<b>12,300</b>	<b>(1,679)</b>	<b>13,160</b>	<b>(1,180)</b>
Sex																						
Male .....	11,620	(764)	10,820	(780)	11,890	(3,319)	14,250	(792)	11,700	(671)	8,040	(1,401)	10,750	(1,279)	15,660	(1,111)	14,010	(908)	14,900	(4,014)	16,620	(2,175)
Female .....	10,880	(706)	9,890	(535)	8,200	(1,349)	14,130	(419)	12,290	(381)	6,700	(544)	8,850	(826)	15,880	(484)	14,780	(431)	11,150	(1,578)	10,650	(1,194)
Institution control																						
Public .....	10,960	(1,173)	10,810	(893)	‡	(†)	13,240	(1,227)	11,760	(1,168)	10,030	(2,390)	‡	(†)	16,700	(1,100)	15,840	(963)	‡	(†)	‡	(†)
Private nonprofit .....	16,110	(3,268)	14,160	(2,620)	13,880	(3,502)	16,870	(2,902)	12,640	(1,560)	15,490	(7,397)	‡	(†)	17,430	(2,582)	16,130	(1,986)	13,770	(6,218)	17,790	(6,565)
Private for-profit .....	10,710	(463)	9,380	(411)	8,970	(2,299)	14,210	(367)	12,190	(351)	5,870	(360)	9,790	(693)	15,160	(442)	13,720	(332)	11,240	(1,645)	11,320	(960)
<b>Associate's degree .....</b>	<b>13,600</b>	<b>(479)</b>	<b>12,680</b>	<b>(486)</b>	<b>10,940</b>	<b>(1,499)</b>	<b>18,300</b>	<b>(383)</b>	<b>16,130</b>	<b>(326)</b>	<b>8,930</b>	<b>(440)</b>	<b>15,820</b>	<b>(1,168)</b>	<b>18,900</b>	<b>(416)</b>	<b>18,400</b>	<b>(399)</b>	<b>10,130</b>	<b>(1,157)</b>	<b>13,220</b>	<b>(1,169)</b>
Sex																						
Male .....	13,360	(1,001)	12,320	(951)	11,270	(2,885)	17,010	(572)	14,850	(446)	8,620	(598)	17,060	(1,808)	17,320	(663)	16,450	(563)	13,460	(2,594)	13,740	(1,744)
Female .....	13,720	(625)	12,860	(551)	10,650	(1,151)	19,090	(571)	16,900	(477)	9,140	(662)	14,590	(1,541)	19,780	(501)	19,460	(494)	8,110	(807)	12,810	(1,362)
Race/ethnicity																						
White .....	13,740	(687)	12,760	(621)	12,190	(1,842)	18,250	(517)	15,600	(402)	9,390	(615)	16,420	(1,524)	18,080	(543)	17,410	(495)	10,400	(1,870)	13,590	(1,668)
Black .....	13,620	(1,105)	12,310	(945)	‡	(†)	20,560	(983)	18,750	(835)	10,010	(1,409)	16,040	(4,712)	22,710	(850)	22,340	(806)	9,180	(2,222)	11,520	(1,780)
Hispanic .....	12,670	(2,919)	13,020	(3,045)	‡	(†)	16,180	(973)	14,950	(838)	7,090	(712)	13,030	(1,676)	16,270	(921)	15,880	(945)	9,950	(1,689)	12,670	(1,592)
Asian .....	‡	(†)	‡	(†)	‡	(†)	14,480	(2,095)	14,290	(1,904)	4,950	(961)	‡	(†)	17,140	(1,804)	18,040	(2,017)	9,510	(2,210)	‡	(†)
Pacific Islander .....	‡	(†)	‡	(†)	‡	(†)	‡	(†)	‡	(†)	‡	(†)	‡	(†)	‡	(†)	‡	(†)	‡	(†)	‡	(†)
American Indian/Alaska Native .....	‡	(†)	‡	(†)	‡	(†)	22,330	(3,730)	22,100	(3,720)	‡	(†)	‡	(†)	18,560	(3,495)	18,160	(3,168)	‡	(†)	‡	(†)
Two or more races .....	‡	(†)	‡	(†)	‡	(†)	18,740	(1,855)	16,270	(1,549)	6,310	(1,457)	‡	(†)	22,200	(2,199)	21,330	(2,174)	‡	(†)	‡	(†)
Other <sup>2</sup> .....	‡	(†)	‡	(†)	‡	(†)	‡	(†)	‡	(†)	‡	(†)	‡	(†)	‡	(†)	‡	(†)	‡	(†)	‡	(†)
Dependency status																						
Dependent .....	11,870	(760)	10,600	(648)	12,650	(1,872)	14,120	(546)	11,940	(417)	7,560	(659)	16,550	(1,855)	12,360	(446)	11,870	(448)	8,490	(1,120)	15,760	(1,708)
Independent .....	14,500	(686)	13,800	(658)	‡	(†)	20,110	(503)	17,980	(448)	9,550	(569)	14,810	(1,513)	21,160	(483)	20,630	(456)	10,740	(1,532)	11,720	(1,406)
Institution control																						
Public .....	11,560	(618)	10,550	(571)	‡	(†)	14,900	(372)	13,120	(336)	8,620	(574)	12,880	(1,231)	15,920	(521)	15,510	(503)	10,290	(1,669)	11,820	(1,517)
Private nonprofit .....	16,980	(1,484)	17,130	(1,432)	‡	(†)	26,990	(2,214)	21,780	(1,668)	11,510	(2,924)	‡	(†)	25,280	(1,180)	24,330	(1,262)	8,330	(2,439)	15,230	(2,614)
Private for-profit .....	19,270	(982)	17,980	(964)	13,690	(2,585)	26,320	(666)	22,970	(573)	9,110	(518)	18,760	(1,977)	26,900	(521)	25,810	(547)	10,410	(731)	16,030	(2,031)
<b>Bachelor's degree .....</b>	<b>25,050</b>	<b>(292)</b>	<b>23,700</b>	<b>(258)</b>	<b>20,570</b>	<b>(785)</b>	<b>31,330</b>	<b>(486)</b>	<b>26,020</b>	<b>(315)</b>	<b>14,670</b>	<b>(751)</b>	<b>29,170</b>	<b>(1,720)</b>	<b>30,460</b>	<b>(409)</b>	<b>27,550</b>	<b>(391)</b>	<b>19,040</b>	<b>(440)</b>	<b>33,200</b>	<b>(811)</b>
Sex																						
Male .....	25,040	(354)	23,700	(333)	21,110	(1,124)	30,960	(710)	25,310	(481)	15,600	(1,113)	31,750	(3,215)	29,460	(486)	26,600	(436)	19,110	(815)	34,410	(1,319)
Female .....	25,070	(367)	23,700	(330)	20,130	(899)	31,610	(588)	26,540	(403)	13,950	(914)	27,220	(1,708)	31,170	(459)	28,220	(427)	18,990	(653)	32,240	(985)
Race/ethnicity																						
White .....	24,900	(302)	23,500	(279)	21,100	(848)	30,990	(617)	25,270	(377)	14,990	(817)	29,270	(2,167)	30,640	(352)	26,940	(331)	20,410	(606)	35,000	(1,108)
Black .....	27,970	(1,137)	26,880	(1,030)	15,590	(1,442)	35,200	(1,137)	31,130	(898)	12,390	(1,772)	26,120	(4,632)	34,630	(893)	32,960	(824)	16,760	(1,584)	25,260	(2,046)
Hispanic .....	25,010	(1,176)	23,320	(897)	19,800	(2,427)	31,470	(1,689)	25,280	(880)	17,110	(3,007)	28,230	(4,159)	27,320	(788)	25,880	(738)	14,160	(1,047)	29,980	(2,108)
Asian .....	20,840	(887)	20,050	(781)	29,040	(6,003)	24,670	(1,342)	22,110	(1,110)	10,740	(2,404)	‡	(†)	25,920	(1,114)	23,190	(898)	19,610	(2,231)	34,710	(4,034)
Pacific Islander .....	26,340	(2,561)	24,160	(1,751)	‡	(†)	‡	(†)	‡	(†)	‡	(†)	‡	(†)	27,000	(4,054)	28,200	(3,296)	‡	(†)	‡	(†)
American Indian/Alaska Native .....	26,900	(2,226)	26,210	(2,360)	‡	(†)	‡	(†)	‡	(†)	‡	(†)	‡	(†)	26,870	(2,708)	26,020	(2,746)	‡	(†)	‡	(†)
Two or more races .....	25,390	(1,938)	23,610	(1,761)	‡	(†)	29,910	(1,846)	25,530	(1,521)	13,060	(2,204)	‡	(†)	30,220	(1,117)	27,790	(957)	14,760	(1,634)	40,810	(3,961)
Other <sup>2</sup> .....	23,230	(1,975)	21,860	(1,951)	‡	(†)	‡	(†)	‡	(†)	‡	(†)	‡	(†)	‡	(†)	‡	(†)	‡	(†)	‡	(†)

See notes at end of table.

**Table 331.95. Percentage of undergraduate degree/certificate completers who ever received loans and average cumulative amount borrowed, by degree level, selected student characteristics, and institution control: Selected years, 1999–2000 through 2015–16—Continued**  
[Standard errors appear in parentheses]

Degree level, selected student characteristics, and institution control	1999–2000			2011–12				2015–16				
	Loans to students		Parent PLUS Loans <sup>1</sup>	Loans to students			Parent PLUS Loans <sup>1</sup>	Loans to students			Parent PLUS Loans <sup>1</sup>	
	Total loans to students	Federal loans to students		Total loans to students	Federal loans to students	Nonfederal loans		Total loans to students	Federal loans to students	Nonfederal loans		
1	2	3	4	5	6	7	8	9	10	11	12	
Dependency status												
Dependent .....	24,240 (316)	22,390 (253)	22,480 (962)	27,800 (613)	21,720 (304)	15,670 (978)	30,300 (1,670)	27,250 (288)	22,860 (203)	21,730 (586)	37,470 (1,066)	
Independent .....	25,960 (459)	25,140 (430)	13,610 (1,149)	35,230 (680)	30,650 (513)	13,400 (965)	25,660 (4,664)	33,950 (661)	32,600 (598)	14,490 (646)	22,840 (1,280)	
Institution control												
Public .....	23,240 (333)	22,510 (305)	16,620 (788)	27,340 (484)	23,490 (358)	12,160 (662)	21,820 (1,151)	27,420 (283)	25,460 (239)	16,060 (622)	28,040 (1,008)	
Private nonprofit .....	28,120 (535)	25,530 (449)	25,720 (1,160)	34,450 (1,260)	26,250 (633)	19,580 (1,811)	39,590 (3,987)	32,480 (462)	27,160 (337)	24,280 (780)	42,710 (1,887)	
Private for-profit .....	34,460 (1,725)	33,210 (1,663)	‡ (†)	42,690 (851)	37,190 (652)	12,660 (971)	27,350 (2,672)	42,080 (1,621)	39,870 (1,327)	15,750 (1,080)	32,480 (2,358)	

†Not applicable.

!Interpret data with caution. The coefficient of variation (CV) for this estimate is between 30 and 50 percent.

‡Reporting standards not met. Either there are too few cases for a reliable estimate or the coefficient of variation (CV) is 50 percent or greater.

<sup>1</sup>Parent PLUS Loans are taken out by parents of dependent students and are used toward the students' undergraduate education. Parent PLUS Loans were available through both the William D. Ford Federal Direct Loan Program and the Federal Family Education Loan Program (FFELP) until FFELP was discontinued in 2010. Since then, Parent PLUS Loans have been referred to as Direct PLUS Loans.

<sup>2</sup>The 2012 and 2016 questionnaires did not offer students the option of choosing an "Other" race category.

<sup>3</sup>Average loan amounts were calculated only for students who took out each type of loan (or whose parents took out a PLUS Loan on their behalf).

<sup>4</sup>Constant dollars based on the Consumer Price Index, prepared by the Bureau of Labor Statistics, U.S. Department of Labor, adjusted to a school-year basis.

NOTE: Race categories exclude persons of Hispanic ethnicity. Data exclude students attending institutions in Puerto Rico. SOURCE: U.S. Department of Education, National Center for Education Statistics, 1999–2000, 2011–12, and 2015–16 National Postsecondary Student Aid Study (NPSAS:2000, NPSAS:12, and NPSAS:16). (This table was prepared June 2018.)

**Table 332.10. Amount borrowed, aid status, and sources of aid for full-time, full-year postbaccalaureate students, by level of study and control and level of institution: Selected years, 1992–93 through 2015–16**  
[Standard errors appear in parentheses]

Level of study, control and level of institution	Cumulative borrowing for undergraduate and graduate education <sup>1</sup>			Aid status (percent of students)									
	Percent who borrowed	Average amount for those who borrowed		Nonaided	Any aid <sup>3</sup>	Federal <sup>4</sup>	State	Institutional	Employer				
		Current dollars	Constant 2016–17 dollars <sup>2</sup>										
1	2	3	4	5	6	7	8	9	10				
<b>1992–93, all institutions.....</b>	<b>— (†)</b>	<b>— (†)</b>	<b>— (†)</b>	<b>30.7 (1.43)</b>	<b>69.3 (1.43)</b>	<b>44.3 (1.42)</b>	<b>6.9 (0.64)</b>	<b>40.6 (2.02)</b>	<b>5.3 (0.59)</b>				
Master's degree.....	— (†)	— (†)	— (†)	35.5 (2.54)	64.5 (2.54)	33.8 (1.91)	5.8 (0.79)	42.4 (2.97)	8.3 (1.01)				
Public.....	— (†)	— (†)	— (†)	32.7 (2.40)	67.3 (2.40)	33.9 (2.04)	7.8 (1.10)	44.1 (2.68)	7.6 (1.24)				
4-year doctoral.....	— (†)	— (†)	— (†)	32.4 (2.59)	67.6 (2.59)	32.4 (2.23)	6.7 (0.96)	46.4 (3.19)	7.7 (1.28)				
Other 4-year.....	— (†)	— (†)	— (†)	34.6 (4.38)	65.4 (4.38)	42.5 (5.30)	14.4 (4.13)	30.5 (3.67)	6.8 ! (2.66)				
Private.....	— (†)	— (†)	— (†)	39.2 (4.74)	60.8 (4.74)	33.7 (3.62)	3.2 (0.89)	40.2 (6.34)	9.4 (1.88)				
4-year doctoral.....	— (†)	— (†)	— (†)	37.4 (4.70)	62.6 (4.70)	34.2 (4.09)	2.9 ! (1.00)	42.9 (6.75)	8.9 (1.88)				
Other 4-year.....	— (†)	— (†)	— (†)	50.5 (10.60)	49.5 (10.60)	30.5 (7.06)	‡ (†)	22.8 ! (9.39)	‡ (†)				
Doctor's degree.....	— (†)	— (†)	— (†)	30.1 (2.32)	69.9 (2.32)	28.3 (2.14)	4.4 (0.71)	51.6 (2.70)	3.0 (0.79)				
Public.....	— (†)	— (†)	— (†)	29.9 (2.99)	70.1 (2.99)	22.3 (2.26)	6.5 (1.14)	55.5 (3.01)	3.9 (1.00)				
Private.....	— (†)	— (†)	— (†)	30.4 (3.27)	69.6 (3.27)	37.8 (3.54)	‡ (†)	45.5 (3.52)	‡ (†)				
First-professional.....	— (†)	— (†)	— (†)	22.6 (0.96)	77.4 (0.96)	68.2 (1.54)	9.9 (1.34)	37.0 (1.81)	2.3 (0.52)				
Public.....	— (†)	— (†)	— (†)	20.4 (1.02)	79.6 (1.02)	72.5 (1.29)	13.4 (1.75)	37.7 (1.67)	2.3 (0.59)				
Private.....	— (†)	— (†)	— (†)	24.6 (1.66)	75.4 (1.66)	64.2 (2.42)	6.8 (1.19)	36.4 (3.29)	2.3 ! (0.70)				
Other graduate.....	— (†)	— (†)	— (†)	38.3 (6.82)	61.7 (6.82)	42.1 (4.26)	6.6 (1.81)	23.0 (4.05)	6.0 ! (2.98)				
<b>1999–2000, all institutions.....</b>	<b>69.4 (0.74)</b>	<b>\$41,920 (863)</b>	<b>\$60,090 (1,237)</b>	<b>18.3 (0.66)</b>	<b>81.7 (0.66)</b>	<b>52.5 (0.76)</b>	<b>6.0 (0.60)</b>	<b>49.7 (1.03)</b>	<b>6.0 (0.57)</b>				
Master's degree.....	68.3 (1.12)	31,930 (1,097)	45,770 (1,573)	20.6 (1.15)	79.4 (1.15)	50.6 (1.23)	5.1 (0.66)	45.4 (1.61)	9.2 (1.03)				
Public.....	63.2 (1.60)	28,070 (1,079)	40,240 (1,546)	22.3 (1.52)	77.7 (1.52)	44.8 (1.82)	7.3 (1.14)	49.8 (2.16)	7.0 (1.04)				
4-year doctoral.....	62.5 (1.56)	27,510 (1,234)	39,430 (1,769)	20.2 (1.46)	79.8 (1.46)	43.3 (1.71)	7.0 (1.31)	54.3 (2.02)	7.3 (1.20)				
Other 4-year.....	70.9 (6.04)	31,920 (2,822)	45,750 (4,046)	29.9 (5.08)	70.1 (5.08)	54.7 (6.88)	10.2 ! (3.32)	27.4 (6.85)	5.1 ! (1.79)				
Private.....	74.4 (1.55)	35,890 (1,855)	51,450 (2,659)	18.6 (1.59)	81.4 (1.59)	57.8 (1.88)	2.5 (0.63)	40.2 (2.63)	11.8 (1.89)				
4-year doctoral.....	73.3 (1.76)	38,420 (2,521)	55,070 (3,614)	17.1 (1.93)	82.9 (1.93)	58.3 (2.36)	2.9 ! (0.90)	50.5 (3.22)	8.3 (1.31)				
Other <sup>5</sup> .....	76.9 (3.74)	30,770 (1,850)	44,100 (2,652)	21.8 (2.75)	78.2 (2.75)	56.6 (4.41)	‡ (†)	18.1 (3.91)	19.1 (5.24)				
Doctor's degree.....	56.8 (1.95)	38,990 (3,421)	55,890 (4,903)	12.0 (1.38)	88.0 (1.38)	29.6 (2.80)	2.6 (0.54)	77.4 (1.65)	5.4 (0.64)				
Public.....	54.5 (1.92)	33,600 (1,564)	48,150 (2,242)	11.4 (1.38)	88.6 (1.38)	26.1 (1.86)	3.2 (0.75)	80.0 (1.59)	7.3 (0.88)				
Private.....	60.5 (3.62)	46,680 (7,288)	66,910 (10,447)	13.0 (2.80)	87.0 (2.80)	35.2 (6.26)	‡ (†)	73.2 (3.22)	2.3 (0.55)				
First-professional.....	85.1 (1.14)	60,860 (1,713)	87,230 (2,456)	13.4 (1.18)	86.6 (1.18)	77.1 (1.29)	9.9 (1.65)	41.4 (2.40)	1.7 ! (0.53)				
Public.....	86.8 (1.70)	52,790 (1,954)	75,670 (2,801)	13.8 (1.82)	86.2 (1.82)	78.3 (2.13)	12.7 (2.57)	38.9 (2.84)	1.8 ! (0.87)				
Private.....	83.6 (1.63)	67,820 (3,213)	97,210 (4,606)	13.1 (1.49)	86.9 (1.49)	76.1 (1.84)	7.5 (2.11)	43.4 (3.65)	1.7 ! (0.66)				
Other graduate.....	57.5 (3.81)	27,840 (2,036)	39,900 (2,919)	39.3 (3.68)	60.7 (3.68)	44.9 (3.72)	8.1 (2.37)	25.3 (3.22)	2.8 ! (1.20)				
<b>2007–08, all institutions.....</b>	<b>71.3 (1.04)</b>	<b>\$55,110 (993)</b>	<b>\$63,160 (1,138)</b>	<b>13.1 (0.80)</b>	<b>86.9 (0.80)</b>	<b>56.6 (1.18)</b>	<b>3.8 (0.28)</b>	<b>43.9 (1.17)</b>	<b>11.6 (0.93)</b>				
Master's degree.....	71.8 (1.77)	43,250 (1,374)	49,580 (1,575)	15.6 (1.34)	84.4 (1.34)	55.5 (1.93)	2.9 (0.40)	35.5 (1.48)	16.3 (1.76)				
Public.....	66.5 (1.79)	37,770 (1,473)	43,290 (1,689)	13.3 (1.27)	86.7 (1.27)	50.7 (1.91)	4.1 (0.83)	52.2 (2.40)	13.4 (1.49)				
4-year doctoral.....	65.1 (1.95)	38,450 (1,644)	44,070 (1,885)	12.1 (1.34)	87.9 (1.34)	50.1 (2.07)	4.2 (0.93)	56.0 (2.62)	14.5 (1.68)				
Other 4-year.....	77.1 (4.81)	33,440 (2,285)	38,330 (2,619)	22.7 (3.92)	77.3 (3.92)	55.6 (5.96)	‡ (†)	23.5 (4.89)	5.1 ! (1.92)				
Private.....	75.5 (2.58)	46,590 (1,974)	53,400 (2,262)	17.2 (1.96)	82.8 (1.96)	58.8 (2.81)	2.0 (0.35)	24.0 (1.59)	18.3 (2.79)				
4-year doctoral.....	71.4 (1.85)	46,510 (1,654)	53,310 (1,896)	19.1 (1.45)	80.9 (1.45)	55.1 (1.51)	2.4 (0.50)	36.0 (2.46)	14.4 (1.17)				
Other <sup>5</sup> .....	80.8 (5.13)	46,670 (3,671)	53,500 (4,208)	14.8 (3.91)	85.2 (3.91)	63.6 (5.96)	1.6 (0.43)	8.4 (1.44)	23.4 (6.23)				
Doctor's degree.....	59.8 (1.73)	55,200 (2,108)	63,270 (2,416)	7.1 (0.88)	92.9 (0.88)	38.4 (2.18)	2.9 (0.41)	70.7 (3.03)	7.9 (0.79)				
Public.....	52.3 (2.17)	44,190 (1,604)	50,650 (1,839)	7.9 (1.48)	92.1 (1.48)	29.7 (1.80)	3.6 (0.65)	81.1 (1.89)	7.7 (0.93)				
Private.....	67.8 (2.41)	64,120 (3,123)	73,500 (3,580)	6.2 (1.08)	93.8 (1.08)	47.6 (3.43)	2.2 ! (0.65)	59.8 (5.02)	8.0 (1.36)				
First-professional.....	84.9 (1.29)	81,400 (1,782)	93,300 (2,042)	11.5 (1.12)	88.5 (1.12)	81.7 (1.35)	7.5 (0.83)	35.7 (1.89)	4.6 (0.75)				
Public.....	84.4 (1.96)	73,230 (2,717)	83,930 (3,115)	11.5 (1.65)	88.5 (1.65)	81.8 (2.12)	10.6 (1.46)	34.0 (2.67)	4.9 (1.44)				
Private.....	85.4 (1.57)	87,800 (2,183)	100,640 (2,502)	11.5 (1.46)	88.5 (1.46)	81.5 (1.67)	5.1 (0.85)	37.0 (2.56)	4.4 (0.72)				
Other graduate.....	62.4 (6.48)	43,740 (3,904)	50,140 (4,475)	30.8 (6.54)	69.2 (6.54)	51.0 (6.62)	‡ (†)	25.5 (5.78)	6.2 ! (2.33)				

See notes at end of table.

**Table 332.10. Amount borrowed, aid status, and sources of aid for full-time, full-year postbaccalaureate students, by level of study and control and level of institution: Selected years, 1992–93 through 2015–16—Continued**  
[Standard errors appear in parentheses]

Level of study, control and level of institution	Cumulative borrowing for undergraduate and graduate education <sup>1</sup>			Aid status (percent of students)						
	Percent who borrowed	Average amount for those who borrowed		Nonaided	Any aid <sup>3</sup>	Federal <sup>4</sup>	State	Institutional	Employer	
		Current dollars	Constant 2016–17 dollars <sup>2</sup>							
1	2	3	4	5	6	7	8	9	10	
<b>2011–12, all institutions.....</b>	<b>73.3 (0.90)</b>	<b>\$74,710 (996)</b>	<b>\$79,660 (1,062)</b>	<b>13.9 (0.77)</b>	<b>86.1 (0.77)</b>	<b>62.3 (0.93)</b>	<b>2.4 (0.34)</b>	<b>42.2 (1.19)</b>	<b>10.2 (0.48)</b>	
Master's degree.....	73.5 (1.45)	58,590 (1,142)	62,470 (1,218)	17.4 (1.28)	82.6 (1.28)	63.0 (1.44)	1.8 (0.35)	35.1 (1.53)	8.8 (0.70)	
Public.....	71.8 (2.24)	50,200 (1,816)	53,530 (1,937)	16.2 (1.84)	83.8 (1.84)	58.2 (2.41)	3.7 (0.80)	45.6 (2.35)	10.3 (1.17)	
4-year doctoral.....	70.7 (2.41)	50,620 (2,015)	53,970 (2,148)	16.3 (2.03)	83.7 (2.03)	57.0 (2.60)	4.0 (0.89)	47.1 (2.56)	10.8 (1.28)	
Other 4-year.....	82.2 (3.71)	46,900 (2,538)	50,010 (2,707)	15.4 (4.13)	84.6 (4.13)	69.5 (5.18)	‡ (†)	31.2 (3.46)	5.9 (1.68)	
Private.....	74.8 (1.95)	64,510 (1,456)	68,780 (1,552)	18.2 (1.80)	81.8 (1.80)	66.5 (2.13)	0.4 ! (0.19)	27.5 (2.09)	7.8 (0.88)	
4-year doctoral.....	70.1 (2.41)	67,130 (2,165)	71,580 (2,309)	19.6 (2.06)	80.4 (2.06)	59.5 (2.45)	‡ (†)	35.2 (2.96)	7.8 (1.23)	
Other <sup>5</sup> .....	81.8 (3.20)	61,140 (1,816)	65,190 (1,936)	16.1 (3.09)	83.9 (3.09)	77.0 (3.66)	‡ (†)	15.9 (2.70)	7.6 (1.04)	
Doctor's degree—research/scholarship.....	50.5 (1.42)	65,090 (2,343)	69,410 (2,499)	6.6 (0.73)	93.4 (0.73)	27.8 (1.19)	1.5 ! (0.49)	79.8 (1.27)	24.0 (1.25)	
Public.....	47.9 (2.23)	55,500 (2,291)	59,180 (2,443)	5.9 (1.04)	94.1 (1.04)	24.2 (1.41)	2.1 ! (0.78)	87.2 (1.59)	27.0 (1.93)	
Private.....	54.0 (1.86)	76,180 (4,351)	81,240 (4,640)	7.5 (1.07)	92.5 (1.07)	32.3 (2.30)	‡ (†)	70.1 (2.28)	20.1 (1.06)	
Doctor's degree—professional practice and other <sup>6</sup> .....	88.3 (0.90)	110,570 (1,848)	117,900 (1,970)	9.3 (0.88)	90.7 (0.88)	84.4 (1.03)	4.5 (0.96)	35.1 (1.66)	4.4 (0.51)	
Public.....	88.3 (1.00)	102,220 (2,726)	109,000 (2,907)	8.9 (1.09)	91.1 (1.09)	84.4 (1.31)	8.1 (2.27)	40.6 (2.51)	5.4 (0.82)	
Private.....	88.3 (1.28)	116,000 (2,490)	123,690 (2,655)	9.6 (1.22)	90.4 (1.22)	84.4 (1.50)	2.2 (0.53)	31.5 (2.19)	3.7 (0.62)	
Other graduate.....	74.9 (6.28)	57,540 (5,456)	61,360 (5,817)	29.1 (6.46)	70.9 (6.46)	61.4 (7.24)	‡ (†)	16.9 (4.78)	5.5 ! (2.47)	
<b>2015–16, all institutions.....</b>	<b>68.3 (0.93)</b>	<b>\$80,750 (2,158)</b>	<b>\$82,240 (2,198)</b>	<b>17.0 (0.82)</b>	<b>83.0 (0.82)</b>	<b>54.0 (0.89)</b>	<b>3.3 (0.52)</b>	<b>46.6 (1.25)</b>	<b>6.9 (0.54)</b>	
Master's degree.....	66.6 (1.45)	59,100 (1,608)	60,190 (1,638)	20.0 (1.17)	80.0 (1.17)	51.9 (1.48)	3.1 (0.46)	41.6 (1.62)	9.0 (0.75)	
Public.....	63.7 (2.22)	49,450 (2,109)	50,360 (2,148)	21.6 (1.77)	78.4 (1.77)	45.0 (2.10)	5.5 (0.93)	44.4 (2.17)	6.6 (0.89)	
4-year doctoral.....	63.1 (2.34)	49,950 (2,287)	50,870 (2,330)	21.2 (1.86)	78.8 (1.86)	44.2 (2.23)	5.4 (1.00)	46.2 (2.28)	6.6 (0.96)	
Other 4-year.....	71.7 (3.46)	44,240 (2,997)	45,060 (3,052)	25.9 (3.22)	74.1 (3.22)	54.7 (3.65)	5.8 ! (1.82)	23.6 (4.31)	6.3 ! (2.28)	
Private.....	69.1 (1.74)	66,890 (2,295)	68,120 (2,337)	18.5 (1.52)	81.5 (1.52)	57.9 (1.98)	1.0 ! (0.35)	39.1 (2.52)	11.1 (1.14)	
4-year doctoral.....	65.3 (2.35)	67,870 (3,010)	69,120 (3,065)	20.4 (1.97)	79.6 (1.97)	54.3 (2.57)	1.2 ! (0.48)	39.7 (3.06)	9.2 (1.44)	
Other <sup>5</sup> .....	78.4 (2.23)	64,910 (2,838)	66,100 (2,890)	14.0 (1.56)	86.0 (1.56)	66.7 (2.52)	0.7 ! (0.28)	37.7 (4.15)	15.8 (1.46)	
Doctor's degree—research/scholarship.....	52.5 (2.13)	74,510 (3,435)	75,880 (3,499)	9.9 (1.05)	90.1 (1.05)	27.9 (1.94)	1.2 (0.31)	71.9 (1.93)	6.2 (0.78)	
Public.....	46.6 (2.93)	61,200 (4,167)	62,320 (4,243)	10.9 (1.82)	89.1 (1.82)	18.3 (2.49)	1.5 (0.44)	78.7 (2.56)	5.0 (0.90)	
Private.....	58.2 (3.11)	84,910 (5,368)	86,470 (5,467)	8.8 (1.18)	91.2 (1.18)	37.3 (2.86)	0.9 ! (0.40)	65.2 (3.08)	7.4 (1.24)	
Doctor's degree—professional practice and other <sup>6</sup> .....	80.3 (1.56)	121,940 (6,425)	124,180 (6,543)	14.0 (1.48)	86.0 (1.48)	73.0 (1.54)	4.6 ! (1.57)	45.9 (2.17)	2.3 (0.68)	
Public.....	79.8 (2.45)	99,450 (3,685)	101,280 (3,753)	15.9 (2.29)	84.1 (2.29)	71.8 (2.26)	4.5 (1.06)	48.6 (3.18)	2.2 ! (0.84)	
Private.....	80.7 (2.02)	138,370 (11,011)	140,910 (11,213)	12.6 (2.00)	87.4 (2.00)	74.0 (2.11)	‡ (†)	43.9 (2.93)	2.5 ! (1.04)	
Other graduate.....	70.9 (4.84)	80,210 (8,667)	81,680 (8,827)	20.7 (3.95)	79.3 (3.95)	54.0 (5.41)	‡ (†)	28.2 (5.29)	10.7 (3.09)	

—Not available.  
‡Not applicable.  
!Interpret data with caution. The coefficient of variation (CV) for this estimate is between 30 and 50 percent.  
‡Reporting standards not met. Either there are too few cases for a reliable estimate or the coefficient of variation (CV) is 50 percent or greater.  
<sup>1</sup>Includes all loans ever taken out for both graduate and undergraduate education. Does not include Parent Loans for Undergraduate Students (PLUS) or loans from families and friends.  
<sup>2</sup>Constant dollars based on the Consumer Price Index, prepared by the Bureau of Labor Statistics, U.S. Department of Labor, adjusted to a school-year basis.  
<sup>3</sup>Includes students who reported they were awarded aid, but did not specify the source of aid.  
<sup>4</sup>Includes Department of Veterans Affairs and Department of Defense benefits.  
<sup>5</sup>Includes nonprofit 4-year nondoctoral institutions and for-profit 2-year-and-above institutions.

<sup>6</sup>Professional practice doctor's degrees include most degrees formerly classified as first-professional (such as M.D., D.D.S., and J.D.). "Other" doctor's degrees are those that are neither research/scholarship degrees nor professional practice degrees.  
NOTE: Full-time, full-year students are those who were enrolled full time for 9 or more months. Excludes students whose attendance status was not reported. Total includes some students whose level of study or control of institution was unknown. Detail may not sum to totals because of rounding and because some students receive multiple types of aid and aid from different sources. Data exclude students attending institutions in Puerto Rico.  
SOURCE: U.S. Department of Education, National Center for Education Statistics, 1992–93, 1999–2000, 2007–08, 2011–12, and 2015–16 National Postsecondary Student Aid Study (NPSAS:93, NPSAS:2000, NPSAS:08, NPSAS:12, and NPSAS:16). (This table was prepared June 2018.)

**Table 332.45. Percentage of graduate degree completers with student loan debt and average cumulative amount owed, by level of education funded and graduate degree type, institution control, and degree program: Selected years, 1999–2000 through 2015–16**

[Standard errors appear in parentheses]

Graduate degree type, institution control, and degree program	Loans for graduate education only					Total loans (for undergraduate and graduate education)				
	1999–2000	2003–04	2007–08	2011–12	2015–16	1999–2000	2003–04	2007–08	2011–12	2015–16
1	2	3	4	5	6	7	8	9	10	11
<b>Percent of graduate degree completers with student loan debt</b>										
<b>Total</b> .....	<b>44.6</b> (1.06)	<b>54.6</b> (1.77)	<b>54.6</b> (1.18)	<b>58.6</b> (1.25)	<b>54.2</b> (1.05)	<b>51.3</b> (1.00)	<b>60.9</b> (1.72)	<b>62.9</b> (1.15)	<b>64.1</b> (1.23)	<b>60.5</b> (1.08)
<b>Graduate degree type and institution control<sup>1</sup></b>										
Postbaccalaureate certificate .....	35.8 (5.12)	46.3 (7.43)	49.5 (5.02)	39.4 (4.66)	47.6 (4.18)	49.2 (4.72)	53.0 (7.02)	64.1 (4.68)	44.5 (4.53)	55.1 (3.88)
Public .....	33.4 (6.29)	30.1 (5.25)	45.1 (7.45)	35.5 (6.04)	39.0 (5.78)	51.2 (5.62)	39.9 (6.22)	64.5 (6.95)	41.5 (5.84)	48.7 (5.49)
Private nonprofit .....	32.8 (9.10)	70.3 (9.55)	54.7 (6.47)	48.0 (7.97)	53.5 (5.99)	40.4 (9.55)	73.1 (9.13)	63.8 (5.82)	50.5 (8.06)	57.8 (6.03)
Private for-profit .....	† (†)	† (†)	† (†)	† (†)	72.5 (4.88)	† (†)	† (†)	† (†)	† (†)	78.1 (3.99)
Masters' .....	39.9 (1.30)	52.0 (2.10)	53.8 (1.47)	59.0 (1.50)	52.8 (1.23)	47.2 (1.19)	59.4 (2.03)	62.7 (1.45)	65.2 (1.48)	60.0 (1.28)
Public .....	35.6 (1.53)	41.6 (2.20)	48.4 (1.79)	53.0 (2.19)	49.1 (1.87)	43.7 (1.57)	50.0 (2.28)	59.1 (1.87)	62.1 (2.14)	57.3 (2.04)
Private nonprofit .....	44.1 (2.65)	60.8 (3.13)	55.2 (1.69)	60.8 (2.29)	53.0 (1.82)	50.9 (2.46)	67.6 (2.85)	63.3 (1.84)	64.6 (2.38)	59.8 (1.74)
Private for-profit .....	60.4 (11.61)	76.7 (10.88)	80.3 (6.41)	74.9 (4.97)	67.5 (3.18)	61.6 (10.98)	77.2 (10.76)	83.5 (6.34)	78.6 (4.86)	71.3 (2.74)
Doctors, research .....	38.8 (2.92)	45.3 (2.14)	43.1 (2.54)	40.7 (2.33)	43.6 (3.45)	43.6 (3.04)	50.5 (2.28)	49.3 (2.77)	47.5 (2.44)	48.2 (3.51)
Public .....	34.6 (3.35)	39.6 (2.52)	38.5 (3.12)	35.3 (2.73)	32.7 (3.96)	39.5 (3.52)	45.7 (2.82)	45.0 (3.73)	42.1 (3.04)	36.7 (4.16)
Private nonprofit .....	46.0 (6.55)	54.5 (4.19)	51.2 (3.39)	39.9 (3.38)	46.8 (6.14)	50.9 (6.29)	58.3 (4.13)	57.2 (3.22)	48.7 (3.30)	54.2 (6.01)
Private for-profit .....	† (†)	† (†)	† (†)	95.1 (3.45)	75.8 (6.27)	† (†)	† (†)	† (†)	95.1 (3.45)	76.2 (6.26)
Doctors, professional <sup>2</sup> .....	79.4 (2.82)	84.8 (2.39)	83.8 (2.09)	84.6 (1.60)	73.5 (2.43)	81.2 (2.77)	84.8 (2.39)	84.9 (1.97)	84.9 (1.65)	74.5 (2.39)
Public .....	83.6 (4.65)	87.2 (2.82)	82.8 (3.61)	85.9 (2.72)	74.1 (4.18)	84.7 (4.59)	87.2 (2.82)	84.3 (3.28)	85.9 (2.72)	75.9 (4.07)
Private nonprofit .....	76.7 (4.06)	82.8 (4.21)	84.5 (2.42)	84.2 (2.25)	71.3 (3.40)	79.0 (3.95)	82.8 (4.21)	85.4 (2.34)	84.7 (2.31)	71.9 (3.42)
Private for-profit .....	† (†)	† (†)	† (†)	94.1 (5.12)	89.5 (1.95)	† (†)	† (†)	† (†)	94.1 (5.12)	90.2 (1.82)
<b>Graduate degree program</b>										
Postbaccalaureate certificate .....	35.8 (5.12)	46.3 (7.43)	49.5 (5.02)	39.4 (4.66)	47.6 (4.18)	49.2 (4.72)	53.0 (7.02)	64.1 (4.68)	44.5 (4.53)	55.1 (3.88)
Master of business administration (M.B.A.) .....	35.7 (2.70)	49.2 (5.05)	54.2 (3.45)	49.4 (4.63)	43.8 (3.41)	41.0 (2.78)	54.8 (4.67)	60.6 (3.29)	57.0 (4.78)	51.0 (3.34)
Master of education (any) .....	35.7 (2.86)	49.1 (3.14)	55.5 (3.46)	59.7 (3.55)	51.2 (2.83)	45.6 (2.86)	60.2 (3.24)	68.4 (3.13)	67.3 (3.64)	61.9 (3.21)
Other master of arts (M.A.) except in education .....	46.8 (4.97)	57.7 (5.07)	60.4 (4.04)	62.1 (3.53)	51.9 (4.81)	55.6 (5.09)	62.6 (5.04)	66.6 (3.76)	69.5 (3.50)	58.5 (4.42)
Other master of science (M.S.) except in education .....	35.9 (2.89)	40.0 (3.85)	45.8 (2.88)	53.6 (2.47)	49.5 (2.42)	41.9 (2.58)	47.1 (4.12)	53.9 (2.83)	59.3 (2.56)	56.1 (2.33)
Theology (M.Div., M.H.L., or B.D.) .....	† (†)	† (†)	† (†)	† (†)	† (†)	† (†)	† (†)	† (†)	† (†)	† (†)
Other master's degree <sup>3</sup> .....	52.5 (4.06)	69.3 (4.70)	56.3 (2.65)	71.8 (2.61)	65.0 (2.65)	58.4 (3.85)	74.5 (4.33)	62.2 (2.69)	75.0 (2.55)	70.2 (2.53)
Ph.D. except in education .....	36.3 (3.02)	33.5 (2.01)	31.9 (2.89)	31.6 (2.22)	38.5 (3.41)	43.6 (3.37)	40.3 (2.12)	40.2 (3.52)	40.3 (2.63)	44.7 (3.55)
Education (any doctorate) .....	33.4 (6.36)	49.7 (4.81)	58.0 (5.68)	72.3 (3.46)	61.4 (6.82)	33.4 (6.36)	51.9 (4.75)	61.4 (5.44)	73.3 (3.33)	63.0 (6.74)
Medicine (M.D. or D.O.) .....	86.4 (7.18)	91.8 (3.02)	78.3 (4.73)	84.3 (4.12)	80.3 (4.38)	86.4 (7.18)	91.8 (3.02)	79.6 (4.81)	84.3 (4.12)	81.0 (4.34)
Other health science professional practice doctorate <sup>4</sup> .....	79.1 (6.47)	88.3 (4.13)	86.7 (5.64)	89.5 (3.54)	73.6 (6.22)	80.9 (6.47)	88.3 (4.13)	88.6 (4.54)	89.5 (3.54)	74.6 (5.94)
Law (LL.B. or J.D.) .....	82.4 (2.69)	86.8 (3.05)	87.3 (2.50)	85.6 (2.46)	68.8 (5.84)	84.6 (2.52)	86.8 (3.05)	87.3 (2.50)	86.3 (2.54)	68.8 (5.84)
Other doctorate (non-Ph.D.) <sup>5</sup> .....	49.0 (7.64)	66.7 (4.99)	59.6 (4.47)	66.0 (4.09)	65.5 (7.35)	51.5 (7.46)	70.5 (4.56)	62.6 (4.47)	66.7 (4.15)	66.3 (7.42)
<b>Average cumulative amount owed (current dollars)</b>										
<b>Total</b> .....	<b>\$33,300</b> (\$1,200)	<b>\$39,500</b> (\$1,440)	<b>\$43,700</b> (\$1,010)	<b>\$59,400</b> (\$1,260)	<b>\$71,000</b> (\$2,160)	<b>\$37,900</b> (\$1,170)	<b>\$45,600</b> (\$1,520)	<b>\$51,700</b> (\$1,000)	<b>\$73,100</b> (\$1,340)	<b>\$82,800</b> (\$2,130)
<b>Graduate degree type and institution control<sup>1</sup></b>										
Postbaccalaureate certificate .....	21,400 (3,250)	20,900 (4,490)	31,400 (3,170)	44,200 (5,080)	54,100 (7,670)	25,500 (2,680)	29,900 (4,290)	38,600 (3,630)	60,800 (5,340)	66,500 (7,950)
Public .....	† (†)	10,300 (1,720)	32,100 (5,330)	40,400 (6,120)	43,300 (8,480)	22,800 (3,110)	19,100 (2,980)	38,700 (4,800)	57,100 (6,200)	50,100 (8,080)
Private nonprofit .....	† (†)	26,900 (5,250)	30,300 (3,870)	48,600 (8,680)	65,700 (18,040)	† (†)	37,800 (4,980)	38,200 (6,020)	68,000 (10,010)	80,000 (19,080)
Private for-profit .....	† (†)	† (†)	† (†)	† (†)	61,300 (6,390)	† (†)	† (†)	† (†)	† (†)	95,500 (8,530)
Masters' .....	23,500 (970)	29,100 (1,150)	34,300 (1,090)	45,100 (1,250)	50,300 (1,640)	29,400 (1,110)	35,200 (1,330)	43,900 (1,170)	60,000 (1,470)	64,800 (1,690)
Public .....	19,700 (1,060)	24,800 (1,000)	31,100 (1,100)	35,600 (1,640)	42,300 (2,370)	25,600 (1,100)	31,400 (1,290)	38,800 (1,330)	49,100 (2,180)	53,500 (2,400)
Private nonprofit .....	27,300 (1,790)	32,300 (1,730)	38,000 (1,370)	50,700 (1,990)	56,400 (2,660)	32,700 (2,090)	37,700 (2,170)	46,800 (1,610)	64,700 (2,170)	70,600 (2,700)
Private for-profit .....	29,700 (3,680)	† (†)	33,900 (6,030)	49,500 (4,430)	62,000 (3,350)	40,900 (6,390)	† (†)	54,100 (6,090)	71,900 (3,700)	88,700 (4,060)
Doctors, research .....	34,600 (3,720)	52,000 (3,050)	62,700 (3,660)	77,600 (2,760)	101,500 (6,350)	37,300 (3,920)	56,200 (3,210)	65,200 (3,440)	80,300 (3,290)	106,400 (6,550)
Public .....	28,700 (2,790)	44,500 (2,670)	51,200 (3,470)	60,400 (3,590)	84,800 (9,380)	31,700 (3,040)	48,400 (3,000)	54,000 (3,280)	63,200 (3,980)	90,500 (8,610)
Private nonprofit .....	42,800 (9,510)	61,300 (5,720)	78,800 (7,050)	84,400 (5,550)	89,400 (13,750)	45,300 (9,650)	66,600 (6,410)	81,400 (6,630)	85,400 (5,400)	92,400 (13,680)
Private for-profit .....	† (†)	† (†)	† (†)	125,900 (7,660)	144,900 (7,540)	† (†)	† (†)	† (†)	140,300 (7,750)	157,300 (8,520)
Doctors, professional <sup>2</sup> .....	61,900 (2,710)	78,800 (3,860)	91,500 (2,900)	132,600 (3,070)	171,700 (9,390)	68,500 (2,990)	90,600 (4,160)	102,600 (3,180)	150,100 (3,650)	183,200 (10,320)
Public .....	53,500 (2,870)	66,700 (3,000)	81,400 (4,650)	114,600 (3,920)	130,700 (8,470)	60,800 (3,170)	78,000 (3,180)	91,900 (5,140)	130,200 (4,120)	140,100 (9,560)
Private nonprofit .....	68,900 (4,240)	89,800 (5,750)	97,500 (4,110)	142,600 (4,120)	205,000 (16,330)	74,700 (4,570)	102,300 (6,080)	109,100 (4,640)	160,200 (5,020)	217,800 (18,530)
Private for-profit .....	† (†)	† (†)	† (†)	175,900 (18,040)	167,400 (5,860)	† (†)	† (†)	† (†)	184,700 (21,610)	186,800 (5,880)

See notes at end of table.

**Table 332.45. Percentage of graduate degree completers with student loan debt and average cumulative amount owed, by level of education funded and graduate degree type, institution control, and degree program: Selected years, 1999–2000 through 2015–16—Continued**

[Standard errors appear in parentheses]

Graduate degree type, institution control, and degree program	Loans for graduate education only					Total loans (for undergraduate and graduate education)				
	1999–2000	2003–04	2007–08	2011–12	2015–16	1999–2000	2003–04	2007–08	2011–12	2015–16
1	2	3	4	5	6	7	8	9	10	11
<b>Graduate degree program</b>										
Postbaccalaureate certificate.....	21,400 (3,250)	20,900 (4,490)	31,400 (3,170)	44,200 (5,080)	54,100 (7,670)	25,500 (2,680)	29,900 (4,290)	38,600 (3,630)	60,800 (5,340)	66,500 (7,950)
Master of business administration (M.B.A.).....	27,900 (2,860)	36,100 (4,250)	36,400 (3,680)	40,900 (2,880)	50,100 (3,780)	33,100 (2,440)	42,700 (4,540)	47,500 (3,010)	51,400 (3,820)	65,100 (4,180)
Master of education (any).....	18,000 (1,240)	25,900 (1,450)	29,900 (1,700)	41,600 (2,510)	41,800 (3,420)	22,500 (1,630)	31,800 (1,930)	39,300 (2,540)	58,700 (3,720)	54,200 (3,410)
Other master of arts (M.A.) except in education.....	22,900 (1,990)	28,200 (3,720)	36,000 (3,200)	48,900 (3,550)	52,900 (5,160)	30,700 (2,910)	37,400 (3,920)	48,000 (4,170)	66,300 (5,560)	71,500 (5,040)
Other master of science (M.S.) except in education.....	23,000 (1,620)	29,800 (2,960)	33,600 (2,050)	45,500 (2,670)	48,000 (3,020)	31,300 (2,420)	35,100 (3,100)	42,900 (2,410)	60,900 (3,010)	61,200 (2,950)
Theology (M.Div., M.H.L., or B.D.).....	+	(+)	(+)	(+)	(+)	(+)	(+)	(+)	(+)	(+)
Other master's degree <sup>3</sup> .....	26,800 (1,650)	27,200 (1,820)	40,700 (1,880)	49,000 (2,320)	57,300 (3,590)	32,900 (2,180)	32,800 (2,540)	48,800 (2,090)	62,500 (2,570)	73,700 (3,640)
Ph.D. except in education.....	33,900 (4,150)	41,900 (2,960)	47,900 (2,850)	66,400 (3,270)	96,800 (7,790)	33,700 (4,220)	45,100 (2,770)	49,200 (2,930)	65,100 (3,460)	97,000 (7,870)
Education (any doctorate).....	+	(+)	48,200 (9,270)	58,600 (7,140)	80,900 (6,010)	101,700 (12,690)	+	51,600 (8,730)	61,000 (7,030)	93,800 (13,720)
Medicine (M.D. or D.O.).....	78,700 (4,070)	108,100 (8,210)	128,300 (7,370)	166,300 (7,790)	223,100 (24,920)	87,000 (4,320)	118,700 (7,790)	135,500 (7,910)	182,600 (8,000)	241,600 (30,770)
Other health science professional practice doctorate <sup>4</sup> .....	72,500 (6,420)	79,000 (9,750)	91,700 (8,220)	133,500 (7,020)	190,300 (16,900)	80,600 (6,320)	94,900 (10,230)	108,300 (9,450)	157,700 (7,900)	198,800 (16,400)
Law (LL.B. or J.D.).....	51,800 (2,210)	71,300 (3,940)	82,800 (2,640)	126,600 (5,040)	129,300 (10,280)	57,500 (2,540)	82,100 (4,460)	94,400 (3,170)	140,400 (5,880)	142,900 (10,790)
Other doctorate (non-Ph.D.) <sup>5</sup> .....	36,800 (6,990)	64,100 (5,040)	81,300 (7,120)	105,000 (5,880)	115,500 (12,110)	45,000 (6,840)	71,100 (6,520)	88,900 (7,020)	119,200 (6,600)	129,800 (11,530)
	Average cumulative amount owed (constant 2016–17 dollars) <sup>6</sup>									
<b>Total.....</b>	<b>\$47,700 (\$1,720)</b>	<b>\$51,500 (\$1,880)</b>	<b>\$50,100 (\$1,160)</b>	<b>\$63,400 (\$1,340)</b>	<b>\$72,300 (\$2,190)</b>	<b>\$54,300 (\$1,670)</b>	<b>\$59,500 (\$1,980)</b>	<b>\$59,300 (\$1,150)</b>	<b>\$78,000 (\$1,430)</b>	<b>\$84,300 (\$2,170)</b>
<b>Graduate degree type and institution control<sup>1</sup></b>										
Postbaccalaureate certificate.....	30,700 (4,660)	27,300 (5,860)	36,000 (3,630)	47,200 (5,420)	55,100 (7,810)	36,600 (3,840)	39,000 (5,600)	44,300 (4,160)	64,800 (5,690)	67,800 (8,090)
Public.....	+	(+)	13,400 (2,240)	36,800 (6,110)	43,000 (6,530)	44,100 (8,630)	32,600 (4,460)	24,800 (3,890)	44,300 (5,500)	60,800 (6,620)
Private nonprofit.....	+	(+)	35,000 (6,850)	34,700 (4,440)	51,800 (9,260)	66,900 (18,370)	+	49,300 (6,490)	43,800 (6,900)	72,500 (10,670)
Private for-profit.....	+	(+)	+	+	+	62,400 (6,510)	+	+	+	97,300 (8,680)
Master's.....	33,700 (1,390)	37,900 (1,490)	39,300 (1,250)	48,100 (1,340)	51,200 (1,670)	42,100 (1,590)	46,000 (1,730)	50,300 (1,340)	64,000 (1,570)	66,000 (1,720)
Public.....	28,300 (1,520)	32,300 (1,300)	35,700 (1,260)	38,000 (1,750)	43,100 (2,410)	36,700 (1,570)	41,000 (1,690)	44,400 (1,520)	52,400 (2,330)	54,500 (2,440)
Private nonprofit.....	39,200 (2,570)	42,100 (2,250)	43,600 (1,570)	54,100 (2,130)	57,400 (2,710)	46,900 (2,990)	49,200 (2,820)	53,600 (1,840)	68,900 (2,310)	71,900 (2,750)
Private for-profit.....	42,500 (5,270)	+	38,800 (6,920)	52,800 (4,730)	63,100 (3,410)	58,700 (9,160)	+	62,000 (6,980)	76,700 (3,950)	90,300 (4,140)
Doctor's, research.....	49,700 (5,330)	67,800 (3,980)	71,900 (4,200)	82,700 (2,940)	103,400 (6,460)	53,500 (5,630)	73,300 (4,190)	74,700 (3,950)	85,700 (3,510)	108,400 (6,670)
Public.....	41,200 (4,000)	58,000 (3,480)	58,700 (3,980)	64,400 (3,830)	86,400 (9,560)	45,500 (4,360)	63,200 (3,920)	61,900 (3,760)	67,400 (4,250)	92,200 (8,770)
Private nonprofit.....	61,300 (13,630)	79,900 (7,460)	90,300 (8,080)	90,000 (5,920)	91,100 (14,010)	65,000 (13,830)	86,800 (8,360)	93,300 (7,600)	91,100 (5,750)	94,100 (13,930)
Private for-profit.....	+	(+)	+	134,300 (8,170)	147,600 (7,680)	+	+	+	149,600 (8,260)	160,100 (8,680)
Doctor's, professional <sup>2</sup> .....	88,800 (3,890)	102,800 (5,030)	104,800 (3,320)	141,400 (3,270)	174,800 (9,560)	98,200 (4,290)	118,200 (5,420)	117,600 (3,650)	160,100 (3,890)	186,600 (10,510)
Public.....	76,600 (4,120)	87,000 (3,910)	93,400 (5,330)	122,200 (4,180)	133,200 (8,620)	87,200 (4,550)	101,700 (4,150)	105,300 (5,890)	138,800 (4,390)	142,600 (9,740)
Private nonprofit.....	98,800 (6,080)	117,100 (7,500)	111,800 (4,720)	152,000 (4,390)	208,800 (16,630)	107,000 (6,560)	133,400 (7,920)	125,000 (5,310)	170,800 (5,350)	221,800 (18,870)
Private for-profit.....	+	(+)	+	187,600 (19,240)	170,500 (5,970)	+	+	+	196,900 (23,040)	190,200 (5,990)
<b>Graduate degree program</b>										
Postbaccalaureate certificate.....	30,700 (4,660)	27,300 (5,860)	36,000 (3,630)	47,200 (5,420)	55,100 (7,810)	36,600 (3,840)	39,000 (5,600)	44,300 (4,160)	64,800 (5,690)	67,800 (8,090)
Master of business administration (M.B.A.).....	40,000 (4,090)	47,100 (5,550)	41,700 (4,210)	43,600 (3,070)	51,100 (3,850)	47,400 (3,490)	55,700 (5,920)	54,400 (3,450)	54,800 (4,070)	66,300 (4,250)
Master of education (any).....	25,800 (1,780)	33,800 (1,890)	34,300 (1,950)	44,400 (2,680)	42,500 (3,480)	32,200 (2,330)	41,400 (2,520)	45,100 (2,910)	62,600 (3,960)	55,200 (3,470)
Other master of arts (M.A.) except in education.....	32,800 (2,850)	36,700 (4,850)	41,200 (3,670)	52,100 (3,790)	53,900 (5,260)	44,000 (4,180)	48,800 (5,120)	55,000 (4,770)	70,700 (5,930)	72,800 (5,140)
Other master of science (M.S.) except in education.....	33,000 (2,320)	38,900 (3,860)	38,500 (2,350)	48,500 (2,840)	48,800 (3,080)	44,900 (3,470)	45,800 (4,050)	49,200 (2,770)	64,900 (3,210)	62,300 (3,010)
Theology (M.Div., M.H.L., or B.D.).....	+	(+)	+	+	+	+	+	+	+	+
Other master's degree <sup>3</sup> .....	38,400 (2,370)	35,400 (2,380)	46,600 (2,150)	52,200 (2,470)	58,400 (3,660)	47,200 (3,130)	42,800 (3,310)	56,000 (2,390)	66,600 (2,740)	75,100 (3,710)
Ph.D. except in education.....	48,500 (5,950)	54,600 (3,860)	55,000 (3,270)	70,900 (3,480)	98,500 (7,930)	48,400 (6,050)	58,800 (3,610)	56,400 (3,360)	69,400 (3,690)	98,800 (8,020)
Education (any doctorate).....	+	(+)	67,100 (8,180)	86,300 (6,410)	103,600 (12,930)	+	67,300 (11,380)	69,900 (8,050)	100,000 (7,710)	111,900 (13,980)
Medicine (M.D. or D.O.).....	112,700 (5,830)	141,000 (10,700)	147,000 (8,450)	177,400 (8,310)	227,200 (25,380)	124,700 (6,190)	154,800 (10,160)	155,300 (9,060)	194,700 (8,530)	246,000 (31,330)
Other health science professional practice doctorate <sup>4</sup> .....	103,900 (9,200)	103,000 (12,720)	105,200 (9,420)	142,400 (7,490)	193,800 (17,210)	115,500 (9,060)	123,700 (13,340)	124,100 (10,840)	168,100 (8,420)	202,400 (16,700)
Law (LL.B. or J.D.).....	74,200 (3,160)	93,000 (5,130)	94,900 (3,300)	135,000 (5,380)	131,700 (10,470)	82,400 (3,640)	107,000 (5,820)	108,100 (3,630)	149,700 (6,270)	145,500 (10,980)
Other doctorate (non-Ph.D.) <sup>5</sup> .....	52,700 (10,020)	83,500 (6,570)	93,200 (8,160)	111,900 (6,280)	117,600 (12,330)	64,500 (9,810)	92,800 (8,500)	101,900 (8,050)	127,100 (7,040)	132,200 (11,750)

+Not applicable.

‡Reporting standards not met. Either there are too few cases for a reliable estimate or the coefficient of variation (CV) is 50 percent or greater.

<sup>1</sup>Individuals who attended more than one institution for graduate studies are included in the subtotals by degree type but excluded from the detail by control of institution.

<sup>2</sup>Includes chiropractic, dentistry, law, medicine, optometry, pharmacy, podiatry, and veterinary medicine.

<sup>3</sup>Includes public administration or policy, social work, fine arts, public health, and other.

<sup>4</sup>Includes chiropractic, dentistry, optometry, pharmacy, podiatry, and veterinary medicine.

<sup>5</sup>Includes science or engineering, psychology, business or public administration, fine arts, theology, and other. Estimates for 2011–12 and 2015–16 also include "other professional practice doctoral degrees," which were not reported as a separate category in previous years.

<sup>6</sup>Constant dollars based on the Consumer Price Index, prepared by the Bureau of Labor Statistics, U.S. Department of Labor, adjusted to a school-year basis.

NOTE: Data refer to students who completed graduate degrees in the academic years indicated. Data are based on the principal balance (excluding interest) as of June 30th of the survey year (e.g., the 2015–16 data are based on the principal balance as of June 30, 2016). Average amounts owed were calculated only for graduate degree completers who had outstanding loans at the level of education indicated. Data include federal and private student loans, but exclude Parent PLUS loans. Direct Subsidized Loans for graduate students were discontinued after academic year 2011–12.

SOURCE: U.S. Department of Education, National Center for Education Statistics, 1999–2000, 2003–04, 2007–08, 2011–12, and 2015–16 National Postsecondary Student Aid Study (NPSAS:2000, NPSAS:04, NPSAS:08, NPSAS:12, and NPSAS:16). (This table was prepared January 2018.)

**Table 332.50. Number of postsecondary students who entered the student loan repayment phase, number of students who defaulted within a 3-year period, and 3-year student loan cohort default rate, by level and control of institution: Fiscal years 2010 through 2014**

Fiscal year, number of students, and default rate	All institutions				Less-than-2-year institutions				2-year institutions				4-year institutions			
	Total <sup>1</sup>	Public	Private		Total	Public	Private		Total	Public	Private		Total	Public	Private	
			Nonprofit	For-profit			Nonprofit	For-profit			Nonprofit	For-profit			Nonprofit	For-profit
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
<b>Fiscal year 2010</b>																
Number of students																
Entering repayment phase in given fiscal year <sup>2</sup> .....	4,082,570	1,922,773	879,269	1,270,965	178,904	7,963	5,020	165,921	950,143	599,467	16,217	334,459	2,943,960	1,315,343	858,032	770,585
Defaulting by end of second following fiscal year <sup>3</sup> .....	600,545	250,661	72,347	277,088	37,223	1,315	1,097	34,811	199,922	125,764	2,305	71,853	362,951	123,582	68,945	170,424
3-year cohort default rate <sup>4</sup> .....	14.7	13.0	8.2	21.8	20.8	16.5	21.8	20.9	21.0	20.9	14.2	21.4	12.3	9.3	8.0	22.1
<b>Fiscal year 2011</b>																
Number of students																
Entering repayment phase in given fiscal year <sup>2</sup> .....	4,732,793	2,252,334	969,156	1,500,812	202,526	8,750	6,567	187,209	1,174,583	767,073	16,861	390,649	3,345,193	1,476,511	945,728	922,954
Defaulting by end of second following fiscal year <sup>3</sup> .....	650,727	292,012	70,186	288,126	41,526	1,196	1,644	38,686	237,571	158,104	2,026	77,441	371,227	132,712	66,516	171,999
3-year cohort default rate <sup>4</sup> .....	13.7	12.9	7.2	19.1	20.5	13.6	25.0	20.6	20.2	20.6	12.0	19.8	11.1	8.9	7.0	18.6
<b>Fiscal year 2012</b>																
Number of students																
Entering repayment phase in given fiscal year <sup>2</sup> .....	5,143,918	2,563,157	1,083,328	1,486,162	209,036	10,151	10,336	188,549	1,301,109	905,058	42,274	353,777	3,622,502	1,647,948	1,030,718	943,836
Defaulting by end of second following fiscal year <sup>3</sup> .....	610,956	301,453	73,747	235,384	36,952	1,241	2,318	33,393	242,471	173,628	6,193	62,650	331,161	126,584	65,236	139,341
3-year cohort default rate <sup>4</sup> .....	11.8	11.7	6.8	15.8	17.7	12.2	22.4	17.7	18.6	19.1	14.6	17.7	9.1	7.6	6.3	14.7
<b>Fiscal year 2013</b>																
Number of students																
Entering repayment phase in given fiscal year <sup>2</sup> .....	5,211,531	2,691,995	1,118,051	1,387,815	197,189	10,823	10,649	175,717	1,301,834	948,515	42,974	310,345	3,698,838	1,732,657	1,064,428	901,753
Defaulting by end of second following fiscal year <sup>3</sup> .....	593,182	305,516	78,659	208,570	33,327	1,414	2,194	29,719	234,986	176,206	6,593	52,187	324,432	127,896	69,872	126,664
3-year cohort default rate <sup>4</sup> .....	11.3	11.3	7.0	15.0	16.9	13.0	20.6	16.9	18.1	18.5	15.3	16.8	8.8	7.3	6.5	14.0
<b>Fiscal year 2014</b>																
Number of students																
Entering repayment phase in given fiscal year <sup>2</sup> .....	5,047,954	2,678,811	1,108,120	1,250,242	180,437	10,775	8,312	161,350	1,220,298	921,537	39,336	259,425	3,636,438	1,746,499	1,060,472	829,467
Defaulting by end of second following fiscal year <sup>3</sup> .....	580,671	303,389	82,867	194,027	30,604	1,491	1,654	27,459	221,748	169,325	6,958	45,465	327,931	132,573	74,255	121,103
3-year cohort default rate <sup>4</sup> .....	11.5	11.3	7.4	15.5	17.0	13.8	19.8	17.0	18.2	18.3	17.6	17.5	9.0	7.5	7.0	14.6

<sup>1</sup>Includes borrowers from foreign and unclassified schools, which account for less than 1 percent of borrowers and are not included elsewhere.

<sup>2</sup>The repayment phase is the period when student loans must be repaid; it generally begins 6 months after a student leaves an institution. Students who enter the repayment phase during a particular federal fiscal year (October 1 through September 30) make up the cohort for that fiscal year. For example, members of the fiscal year (FY) 2014 cohort entered the repayment phase any time from October 1, 2013, through September 30, 2014.

<sup>3</sup>Borrowers are considered to be in default if they make no payments for 360 days after missing a regularly scheduled payment.

<sup>4</sup>The 3-year cohort default rate is the percentage of borrowers entering repayment during the specified fiscal year and defaulting by the end of the second fiscal year that follows. For example, the 3-year cohort default rate for FY 2010 is the percentage of borrowers who entered repayment during FY 2010 (any time from October 1, 2009, through September 30, 2010) and who defaulted by the end of FY 2012 (September 30, 2012). For purposes of computing default rates, if an indi-

vidual or entity affiliated with the institution makes a payment to prevent a borrower's default on a loan, the borrower is still considered in default.

NOTE: Data are for certain loans under the Federal Family Education Loan (FFEL) Program and the William D. Ford Federal Direct Loan Program (commonly referred to as the Direct Loan Program). Includes Federal Stafford Loans. Does not include PLUS loans, Federal Insured Student Loans (FISLs), or Federal Perkins Loans. For more details, see <https://ifap.ed.gov/DefaultManagement/guide/attachments/CDRGuideCh2Pt1CDRCalculation.pdf>. The default rates shown in this table for the FY 2010 and FY 2011 cohorts are no longer available online; therefore, no source for these default rates can be provided.

SOURCE: U.S. Department of Education, Office of Federal Student Aid, Direct Loan and Federal Family Education Loan Programs, Cohort Default Rate Database; retrieved October 23, 2017, from <https://www2.ed.gov/offices/OSFAP/defaultmanagement/schooltyperates.pdf>. (This table was prepared October 2017.)

**Table 333.10. Revenues of public degree-granting postsecondary institutions, by source of revenue and level of institution: Selected years, 2007–08 through 2015–16**

Level of institution and year	Total revenues	Operating revenue							
		Tuition and fees <sup>1</sup>	Grants and contracts			Sales and services of auxiliary enterprises <sup>1</sup>	Sales and services of hospitals	Independent operations	Other operating revenues <sup>2</sup>
			Federal	State	Local and private				
1	2	3	4	5	6	7	8	9	10
In thousands of current dollars									
<b>All levels</b>									
2007–08.....	\$273,109,306	\$48,070,012	\$25,522,915	\$7,831,530	\$8,699,329	\$20,488,319	\$25,183,379	\$1,174,836	\$14,108,986
2010–11.....	324,473,342	60,268,927	29,821,416	7,019,420	10,110,953	23,605,640	30,998,993	1,330,334	15,758,118
2011–12.....	317,289,436	65,396,118	29,133,188	6,830,670	10,161,247	24,276,751	33,508,840	1,356,861	16,296,364
2012–13.....	327,933,762	68,090,457	28,432,181	6,687,297	10,779,757	24,666,122	34,937,762	1,359,043	17,339,608
2013–14.....	353,100,435	70,499,808	27,558,154	7,095,873	11,186,861	25,476,716	37,596,888	1,430,079	18,202,691
2014–15.....	346,812,800	73,476,374	27,290,446	7,409,069	12,460,665	26,583,777	41,582,927	1,508,778	19,489,191
2015–16.....	364,390,612	76,592,805	27,680,977	7,788,012	12,977,196	27,581,336	45,956,104	1,537,639	20,863,176
<b>4-year</b>									
2007–08.....	223,566,529	40,083,063	23,518,933	5,715,188	8,106,887	18,507,934	25,183,379	1,174,836	13,135,633
2010–11.....	266,688,058	51,046,786	27,656,656	5,480,573	9,543,780	21,506,767	30,998,993	1,330,334	14,830,150
2011–12.....	261,158,738	55,978,667	27,235,518	5,352,808	9,590,518	22,240,828	33,508,840	1,356,861	15,343,535
2012–13.....	272,361,498	58,628,671	26,597,937	5,195,936	10,251,175	22,714,775	34,937,762	1,359,043	16,459,788
2013–14.....	297,232,858	61,161,200	25,781,989	5,523,623	10,656,706	23,638,690	37,596,888	1,430,079	17,328,388
2014–15.....	290,239,686	64,152,076	25,570,548	5,578,550	11,912,198	24,830,846	41,582,927	1,508,778	18,615,218
2015–16.....	308,863,971	67,536,773	26,106,860	6,005,950	12,470,186	25,983,785	45,956,104	1,537,639	19,993,609
<b>2-year</b>									
2007–08.....	49,542,777	7,986,949	2,003,982	2,116,343	592,442	1,980,385	0	0	973,353
2010–11.....	57,785,284	9,222,142	2,164,760	1,538,848	567,174	2,098,872	0	0	927,968
2011–12.....	56,130,698	9,417,451	1,897,670	1,477,862	570,729	2,035,923	0	0	952,830
2012–13.....	55,572,264	9,461,786	1,834,243	1,491,362	528,582	1,951,346	0	0	879,820
2013–14.....	55,867,577	9,338,608	1,776,164	1,572,250	530,155	1,838,026	0	0	874,302
2014–15.....	56,573,114	9,324,298	1,719,898	1,830,518	548,467	1,752,931	0	0	873,974
2015–16.....	55,526,641	9,056,032	1,574,117	1,782,062	507,010	1,597,551	0	0	869,568
Percentage distribution									
<b>All levels</b>									
2007–08.....	100.00	17.60	9.35	2.87	3.19	7.50	9.22	0.43	5.17
2010–11.....	100.00	18.57	9.19	2.16	3.12	7.28	9.55	0.41	4.86
2011–12.....	100.00	20.61	9.18	2.15	3.20	7.65	10.56	0.43	5.14
2012–13.....	100.00	20.76	8.67	2.04	3.29	7.52	10.65	0.41	5.29
2013–14.....	100.00	19.97	7.80	2.01	3.17	7.22	10.65	0.41	5.16
2014–15.....	100.00	21.19	7.87	2.14	3.59	7.67	11.99	0.44	5.62
2015–16.....	100.00	21.02	7.60	2.14	3.56	7.57	12.61	0.42	5.73
<b>4-year</b>									
2007–08.....	100.00	17.93	10.52	2.56	3.63	8.28	11.26	0.53	5.88
2010–11.....	100.00	19.14	10.37	2.06	3.58	8.06	11.62	0.50	5.56
2011–12.....	100.00	21.43	10.43	2.05	3.67	8.52	12.83	0.52	5.88
2012–13.....	100.00	21.53	9.77	1.91	3.76	8.34	12.83	0.50	6.04
2013–14.....	100.00	20.58	8.67	1.86	3.59	7.95	12.65	0.48	5.83
2014–15.....	100.00	22.10	8.81	1.92	4.10	8.56	14.33	0.52	6.41
2015–16.....	100.00	21.87	8.45	1.94	4.04	8.41	14.88	0.50	6.47
<b>2-year</b>									
2007–08.....	100.00	16.12	4.04	4.27	1.20	4.00	0.00	0.00	1.96
2010–11.....	100.00	15.96	3.75	2.66	0.98	3.63	0.00	0.00	1.61
2011–12.....	100.00	16.78	3.38	2.63	1.02	3.63	0.00	0.00	1.70
2012–13.....	100.00	17.03	3.30	2.68	0.95	3.51	0.00	0.00	1.58
2013–14.....	100.00	16.72	3.18	2.81	0.95	3.29	0.00	0.00	1.56
2014–15.....	100.00	16.48	3.04	3.24	0.97	3.10	0.00	0.00	1.54
2015–16.....	100.00	16.31	2.83	3.21	0.91	2.88	0.00	0.00	1.57
Revenue per full-time-equivalent student in constant 2016–17 dollars <sup>3</sup>									
<b>All levels</b>									
2007–08.....	\$32,141	\$5,657	\$3,004	\$922	\$1,024	\$2,411	\$2,964	\$138	\$1,660
2010–11.....	32,320	6,003	2,970	699	1,007	2,351	3,088	133	1,570
2011–12.....	30,884	6,366	2,836	665	989	2,363	3,262	132	1,586
2012–13.....	31,902	6,624	2,766	651	1,049	2,400	3,399	132	1,687
2013–14.....	34,087	6,806	2,660	685	1,080	2,459	3,629	138	1,757
2014–15.....	33,468	7,091	2,634	715	1,202	2,565	4,013	146	1,881
2015–16.....	35,110	7,380	2,667	750	1,250	2,658	4,428	148	2,010
<b>4-year</b>									
2007–08.....	42,750	7,665	4,497	1,093	1,550	3,539	4,816	225	2,512
2010–11.....	44,110	8,443	4,574	906	1,579	3,557	5,127	220	2,453
2011–12.....	41,353	8,864	4,313	848	1,519	3,522	5,306	215	2,430
2012–13.....	42,233	9,091	4,124	806	1,590	3,522	5,417	211	2,552
2013–14.....	45,202	9,301	3,921	840	1,621	3,595	5,718	217	2,635
2014–15.....	43,177	9,543	3,804	830	1,772	3,694	6,186	224	2,769
2015–16.....	45,128	9,868	3,814	878	1,822	3,796	6,715	225	2,921
<b>2-year</b>									
2007–08.....	15,161	2,444	613	648	181	606	0	0	298
2010–11.....	14,470	2,309	542	385	142	526	0	0	232
2011–12.....	14,181	2,379	479	373	144	514	0	0	241
2012–13.....	14,508	2,470	479	389	138	509	0	0	230
2013–14.....	14,767	2,468	469	416	140	486	0	0	231
2014–15.....	15,541	2,561	472	503	151	482	0	0	240
2015–16.....	15,710	2,562	445	504	143	452	0	0	246

See notes at end of table.

**Table 333.10. Revenues of public degree-granting postsecondary institutions, by source of revenue and level of institution: Selected years, 2007–08 through 2014–15—Continued**

Level of institution and year	Nonoperating revenue									Other revenues and additions				
	Appropriations			Nonoperating grants			Gifts	Investment return (gain or loss)	Other nonoperating revenues	Capital appropriations	Capital grants and gifts	Additions to permanent endowments	Other	
	Federal	State	Local	Federal	State	Local								17
1	11	12	13	14	15	16	17	18	19	20	21	22	23	
In thousands of current dollars														
<b>All levels</b>														
2007–08.....	\$1,849,775	\$68,375,062	\$9,319,219	\$10,022,315	\$1,909,570	\$177,555	\$6,070,499	\$5,278,643	\$2,251,324	\$7,578,049	\$3,090,589	\$1,133,783	\$4,973,618	
2010–11.....	1,946,965	63,063,322	10,023,157	24,231,846	3,404,970	228,055	6,287,358	14,215,863	6,888,955	5,645,126	3,745,699	965,007	4,913,217	
2011–12.....	1,835,767	58,789,575	10,214,576	23,204,292	3,559,591	232,167	6,522,320	6,170,822	4,193,110	5,544,504	3,724,162	825,587	5,512,923	
2012–13.....	1,747,391	58,634,157	10,725,798	22,393,350	3,630,396	279,744	7,116,520	11,286,452	4,993,568	5,176,184	3,634,908	941,713	4,881,355	
2013–14.....	1,837,494	62,639,192	11,112,241	21,911,740	4,030,058	291,250	8,119,273	20,024,073	6,607,255	5,316,926	3,835,969	1,123,705	7,204,191	
2014–15.....	1,779,758	65,172,431	11,248,036	21,590,392	4,406,434	291,197	8,087,953	1,342,180	5,155,201	6,295,695	3,709,702	1,012,258	6,920,335	
2015–16.....	1,666,978	67,202,250	12,213,323	20,487,343	4,857,121	383,232	8,490,880	3,938,318	5,472,957	6,463,968	3,756,062	1,118,718	7,362,218	
<b>4-year</b>														
2007–08.....	1,776,452	53,268,648	453,280	5,177,569	1,201,394	103,824	5,798,732	4,430,479	1,770,108	5,637,968	2,762,277	1,120,806	4,639,141	
2010–11.....	1,853,109	49,025,814	507,010	11,812,776	2,320,005	130,451	6,061,629	13,781,509	6,061,802	3,884,591	3,249,844	943,748	4,661,730	
2011–12.....	1,715,489	45,755,610	517,219	11,263,074	2,398,688	130,598	6,255,956	5,994,582	3,492,667	3,884,832	3,356,930	815,973	4,969,547	
2012–13.....	1,634,057	45,842,103	551,917	11,126,358	2,516,165	153,756	6,864,326	11,113,898	4,364,186	3,600,057	3,281,319	912,319	4,255,951	
2013–14.....	1,732,216	49,142,721	562,506	11,161,457	2,657,000	169,670	7,872,542	19,709,180	5,934,306	3,867,745	3,563,297	1,106,470	6,636,187	
2014–15.....	1,675,671	51,089,552	587,588	11,329,817	2,866,382	158,091	7,767,802	1,194,597	4,464,354	4,632,561	3,383,607	998,211	6,340,310	
2015–16.....	1,617,876	53,087,827	1,051,753	11,523,721	3,008,914	170,979	8,207,826	3,783,055	4,723,114	4,741,254	3,457,001	1,105,998	6,793,747	
<b>2-year</b>														
2007–08.....	73,324	15,106,414	8,865,938	4,844,746	708,176	73,731	271,766	848,164	481,216	1,940,082	328,312	12,978	334,477	
2010–11.....	93,856	14,037,508	9,516,147	12,419,069	1,084,965	97,604	225,730	434,353	827,153	1,760,535	495,855	21,258	251,487	
2011–12.....	120,279	13,033,965	9,697,357	11,941,218	1,160,903	101,569	266,364	176,240	1,659,672	700,443	367,232	9,614	543,376	
2012–13.....	113,334	12,792,054	10,173,882	11,266,992	1,314,232	125,987	252,194	172,554	629,383	1,576,127	353,588	29,394	625,405	
2013–14.....	105,278	13,496,471	10,549,735	10,750,283	1,373,058	121,580	246,731	314,894	672,949	1,449,181	272,671	17,236	568,004	
2014–15.....	104,087	14,082,879	10,660,448	10,260,575	1,540,052	133,106	320,151	147,583	690,846	1,663,135	326,095	14,047	580,025	
2015–16.....	49,102	14,114,423	11,161,570	8,963,622	1,848,208	212,253	283,053	155,263	749,842	1,722,714	299,061	12,720	568,471	
Percentage distribution														
<b>All levels</b>														
2007–08.....	0.68	25.04	3.41	3.67	0.70	0.07	2.22	1.93	0.82	2.77	1.13	0.42	1.82	
2010–11.....	0.60	19.44	3.09	7.47	1.05	0.07	1.94	4.38	2.12	1.74	1.15	0.30	1.51	
2011–12.....	0.58	18.53	3.22	7.31	1.12	0.07	2.06	1.94	1.32	1.75	1.17	0.26	1.74	
2012–13.....	0.53	17.88	3.27	6.83	1.17	0.09	2.17	3.44	1.52	1.58	1.11	0.29	1.49	
2013–14.....	0.52	17.74	3.15	6.21	1.14	0.08	2.30	5.67	1.87	1.51	1.09	0.32	2.04	
2014–15.....	0.51	18.79	3.24	6.23	1.27	0.08	2.33	0.39	1.49	1.82	1.07	0.29	2.00	
2015–16.....	0.46	18.44	3.35	5.62	1.33	0.11	2.33	1.08	1.50	1.77	1.03	0.31	2.02	
<b>4-year</b>														
2007–08.....	0.79	23.83	0.20	2.32	0.54	0.05	2.59	1.98	0.79	2.52	1.24	0.50	2.08	
2010–11.....	0.69	18.38	0.19	4.43	0.87	0.05	2.27	5.17	2.27	1.46	1.22	0.35	1.75	
2011–12.....	0.66	17.52	0.20	4.31	0.92	0.05	2.40	2.30	1.34	1.49	1.29	0.31	1.90	
2012–13.....	0.60	16.83	0.20	4.09	0.92	0.06	2.52	4.08	1.60	1.32	1.20	0.33	1.56	
2013–14.....	0.58	16.53	0.19	3.76	0.89	0.06	2.65	6.63	2.00	1.30	1.20	0.37	2.23	
2014–15.....	0.58	17.60	0.20	3.90	0.99	0.05	2.68	0.41	1.54	1.60	1.17	0.34	2.18	
2015–16.....	0.52	17.19	0.34	3.73	0.97	0.06	2.66	1.22	1.53	1.54	1.12	0.36	2.20	
<b>2-year</b>														
2007–08.....	0.15	30.49	17.90	9.78	1.43	0.15	0.55	1.71	0.97	3.92	0.66	0.03	0.68	
2010–11.....	0.16	24.29	16.47	21.49	1.88	0.17	0.39	0.75	1.43	3.05	0.86	0.04	0.44	
2011–12.....	0.21	23.22	17.28	21.27	2.07	0.18	0.47	0.31	1.25	2.96	0.65	0.02	0.97	
2012–13.....	0.20	23.02	18.31	20.27	2.36	0.23	0.45	0.31	1.13	2.84	0.64	0.05	1.13	
2013–14.....	0.19	24.16	18.88	19.24	2.46	0.22	0.44	0.56	1.20	2.59	0.49	0.03	1.02	
2014–15.....	0.18	24.89	18.84	18.14	2.72	0.24	0.57	0.26	1.22	2.94	0.58	0.02	1.03	
2015–16.....	0.09	25.42	20.10	16.14	3.33	0.38	0.51	0.28	1.35	3.10	0.54	0.02	1.02	
Revenue per full-time-equivalent student in constant 2016–17 dollars <sup>3</sup>														
<b>All levels</b>														
2007–08.....	\$218	\$8,047	\$1,097	\$1,179	\$225	\$21	\$714	\$621	\$265	\$892	\$364	\$133	\$585	
2010–11.....	194	6,282	998	2,414	339	23	626	1,416	686	562	373	96	489	
2011–12.....	179	5,722	994	2,259	346	23	635	601	408	540	363	80	537	
2012–13.....	170	5,704	1,043	2,178	373	27	692	1,098	486	504	354	92	475	
2013–14.....	177	6,047	1,073	2,115	389	28	784	1,933	638	513	370	108	695	
2014–15.....	172	6,289	1,085	2,084	425	28	781	130	497	608	358	98	668	
2015–16.....	161	6,475	1,177	1,974	468	37	818	379	527	623	362	108	709	
<b>4-year</b>														
2007–08.....	340	10,186	87	990	230	20	1,109	847	338	1,078	528	214	887	
2010–11.....	307	8,109	84	1,954	384	22	1,003	2,279	1,003	643	538	156	771	
2011–12.....	272	7,245	82	1,783	380	21	991	949	553	615	532	129	787	
2012–13.....	253	7,108	86	1,725	390	24	1,064	1,723	677	558	509	141	660	
2013–14.....	263	7,473	86	1,697	404	26	1,197	2,997	902	588	542	168	1,009	
2014–15.....	249	7,600	87	1,685	426	24	1,156	178	664	689	503	148	943	
2015–16.....	236	7,757	154	1,684	440	25	1,199	553	690	693	505	162	993	
<b>2-year</b>														
2007–08.....	22	4,623	2,713	1,483	217	23	83	260	147	594	100	4	102	
2010–11.....	24	3,515	2,383	3,110	272	24	57	109	207	441	124	5	63	
2011–12.....	30	3,293	2,450	3,017	293	26	67	45	177	419	93	2	137	
2012–13.....	30	3,340	2,656	2,941	343	33	66	45	164	411	92	8	163	
2013–14.....	28	3,567	2,789	2,842	363	32	65	83	178	383	72	5	150	
2014–15.....	29	3,869	2,929	2,819	423	37	88	41	190	457	90	4	159	
2015–16.....	14	3,993	3,158	2,536	523	60	80	44	212	487	85	4	161	

<sup>1</sup>After deducting discounts and allowances.

<sup>2</sup>Includes sales and services of educational activities.

<sup>3</sup>Constant dollars based on the Consumer Price Index, prepared by the Bureau of Labor Statistics, U.S. Department of Labor, adjusted to a school-year basis.

NOTE: Degree-granting institutions grant associate's or higher degrees and participate in Title IV federal financial aid programs. Includes data for public institutions reporting data according to either the Governmental Accounting Standards Board (GASB) or the Financial Accounting Stan-

dards Board (FASB) questionnaire. Data in this table pertain to institutions' fiscal years that end in the academic year noted. Some data have been revised from previously published figures. Detail may not sum to totals because of rounding.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), Spring 2008 through Spring 2016, Fall Enrollment component; and Spring 2009 through Spring 2017, Finance component. (This table was prepared January 2018.)

**Table 333.20. Revenues of public degree-granting postsecondary institutions, by source of revenue and state or jurisdiction: 2015–16**  
[In thousands of current dollars]

State or jurisdiction	Total revenues	Operating revenue							Nonoperating revenue			Other revenues and additions
		Total	Tuition and fees <sup>1</sup>	Federal grants and contracts	State, local, and private grants and contracts	Sales and services of auxiliary enterprises <sup>2</sup>	Sales and services of hospitals	Independent operations and other <sup>2</sup>	Total <sup>3</sup>	State appropriations	Local appropriations	
1	2	3	4	5	6	7	8	9	10	11	12	13
<b>United States.....</b>	<b>\$364,390,612</b>	<b>\$220,977,245</b>	<b>\$76,592,805</b>	<b>\$27,680,977</b>	<b>\$20,765,208</b>	<b>\$27,581,336</b>	<b>\$45,956,104</b>	<b>\$22,400,816</b>	<b>\$124,712,401</b>	<b>\$67,202,250</b>	<b>\$12,213,323</b>	<b>\$18,700,965</b>
Alabama.....	7,894,336	5,635,184	1,774,442	671,622	247,019	542,585	2,013,784	385,731	2,138,864	1,343,704	1,951	120,287
Alaska.....	892,561	392,081	134,612	128,080	65,527	43,977	0	19,885	411,532	359,284	11,769	88,948
Arizona.....	6,642,078	3,671,863	2,207,791	514,206	323,791	431,097	0	194,978	2,880,514	713,709	860,992	89,702
Arkansas.....	4,027,257	2,747,159	561,812	193,037	225,459	301,286	1,175,658	289,907	1,233,589	737,815	33,607	46,509
California.....	54,326,400	31,661,017	7,253,276	3,515,712	2,975,795	2,165,127	10,235,899	5,515,207	21,025,481	9,898,949	3,643,602	1,639,902
Colorado.....	6,773,814	5,741,348	2,145,352	974,136	747,074	586,240	780,732	507,814	762,944	35,124	114,979	269,522
Connecticut.....	3,993,393	2,037,349	693,362	186,488	110,164	325,378	377,968	343,989	1,475,649	1,235,326	0	480,393
Delaware.....	1,199,941	904,834	484,008	138,116	82,183	154,725	0	45,801	281,891	236,036	0	13,219
District of Columbia.....	163,578	59,927	34,000	15,967	6,936	536	0	2,487	88,295	71,942	0	15,357
Florida.....	12,159,297	5,834,528	2,549,747	1,083,726	1,177,108	842,919	0	181,028	5,824,479	3,773,400	0	500,291
Georgia.....	8,460,028	4,985,076	2,184,637	836,367	597,749	902,465	204,334	259,524	3,142,657	2,141,041	23	332,295
Hawaii.....	1,713,195	815,775	273,519	320,966	79,026	105,016	0	37,247	806,809	441,373	0	90,611
Idaho.....	1,305,015	688,803	354,387	120,898	47,045	115,362	0	51,111	594,042	385,878	29,171	20,170
Illinois.....	11,669,555	6,117,136	2,528,034	787,067	319,500	909,840	754,398	818,299	5,527,385	664,824	1,082,455	25,035
Indiana.....	6,880,099	4,430,090	2,365,601	561,299	327,606	741,583	0	434,001	2,298,337	1,521,652	8,501	151,672
Iowa.....	5,898,006	4,362,538	965,563	500,102	165,667	561,298	1,789,411	380,497	1,377,302	847,265	140,233	158,165
Kansas.....	3,645,690	2,117,656	918,723	300,128	215,016	433,642	0	250,147	1,366,201	737,012	285,420	161,832
Kentucky.....	6,194,943	4,242,697	1,079,966	402,363	258,095	382,396	1,686,548	433,328	1,557,769	914,783	23,717	394,477
Louisiana.....	4,214,510	2,640,441	1,119,587	285,541	589,094	400,265	47,799	197,754	1,291,271	826,723	0	283,198
Maine.....	866,283	471,310	218,348	64,494	52,593	85,693	0	50,181	365,725	263,476	0	29,249
Maryland.....	7,123,533	3,994,179	1,669,332	710,658	451,204	727,078	0	435,907	2,529,760	1,660,524	372,794	599,594
Massachusetts.....	5,441,393	3,386,489	1,427,073	378,224	282,343	546,430	0	752,418	1,735,358	1,333,373	0	319,546
Michigan.....	15,188,187	11,443,107	4,134,962	1,487,280	517,090	1,144,633	3,587,347	571,794	3,122,844	1,711,176	555,497	622,236
Minnesota.....	5,533,048	3,060,540	1,306,161	446,342	456,152	664,838	0	187,047	2,225,157	1,322,366	0	247,350
Mississippi.....	4,660,449	2,879,545	669,427	346,724	222,102	359,593	1,086,205	195,493	1,566,913	1,015,214	67,068	213,991
Missouri.....	5,205,175	3,476,175	1,202,047	219,131	190,274	839,959	839,777	184,987	1,628,809	926,656	152,019	100,190
Montana.....	1,098,774	689,116	295,451	168,697	39,843	100,282	0	84,843	364,891	243,656	9,893	44,767
Nebraska.....	2,810,766	1,395,913	464,489	210,092	232,896	338,568	17,186	132,683	1,205,673	708,412	160,297	209,181
Nevada.....	1,648,254	857,740	394,682	148,673	92,415	99,066	0	122,904	724,975	532,599	0	65,540
New Hampshire.....	993,343	764,074	395,363	67,773	51,841	216,590	0	32,507	199,974	123,500	0	29,295
New Jersey.....	7,747,549	4,704,363	2,333,384	464,768	407,162	639,379	533,932	325,739	2,620,390	1,546,464	206,836	422,796
New Mexico.....	3,577,226	2,071,800	301,112	375,175	146,225	102,312	857,431	289,545	1,394,473	795,942	146,242	110,953
New York.....	17,294,259	8,434,261	2,827,862	708,025	1,213,312	691,442	2,777,827	215,792	8,158,337	5,079,139	980,353	701,661
North Carolina.....	10,942,834	5,095,044	1,895,181	895,953	367,144	1,709,524	0	227,242	5,418,917	3,682,530	240,152	428,873
North Dakota.....	1,304,462	728,597	311,915	142,807	54,863	110,712	0	108,300	446,053	352,578	4,961	129,811
Ohio.....	13,456,279	9,973,398	3,689,538	670,239	580,063	1,180,082	3,482,636	370,841	3,176,870	2,039,078	190,092	306,011
Oklahoma.....	4,366,547	2,826,838	922,538	293,232	355,288	537,512	92,705	625,563	1,385,830	796,238	61,889	153,879
Oregon.....	7,268,047	4,934,915	1,279,201	637,828	235,238	593,862	1,975,819	266,966	2,095,972	778,527	242,332	237,160
Pennsylvania.....	13,937,758	11,745,399	4,277,353	1,268,952	610,169	1,069,018	3,744,511	775,395	2,093,741	1,287,045	114,862	98,617
Rhode Island.....	815,680	522,059	289,998	69,185	28,715	108,736	0	25,426	234,070	164,729	0	59,550
South Carolina.....	4,586,783	3,222,124	1,545,871	413,101	424,078	511,434	0	327,641	1,201,185	582,745	67,954	163,473
South Dakota.....	936,182	559,257	257,501	96,578	70,456	72,359	0	62,363	285,074	199,367	0	91,851
Tennessee.....	4,669,321	2,415,334	1,154,308	281,874	341,994	344,821	0	292,338	2,001,799	1,163,475	6,216	252,188
Texas.....	37,157,665	17,322,474	5,656,856	2,033,202	2,729,798	1,552,155	2,775,207	2,575,256	13,616,560	5,900,536	1,920,271	6,216,631
Utah.....	6,171,417	4,641,057	820,667	413,874	149,237	251,363	1,998,637	1,007,279	1,310,805	869,969	0	219,554
Vermont.....	848,631	723,488	389,158	126,683	61,747	111,393	0	34,508	118,210	68,719	0	6,933
Virginia.....	10,331,773	7,181,431	2,768,013	878,613	248,277	1,393,403	1,527,968	365,158	2,434,484	1,717,775	3,750	715,858
Washington.....	9,166,083	6,630,841	1,953,322	1,220,493	809,305	744,774	1,434,696	468,250	2,135,056	1,340,764	0	400,186
West Virginia.....	1,966,490	1,241,253	601,714	139,609	198,035	249,767	0	52,128	552,899	375,295	603	172,338
Wisconsin.....	6,467,143	3,903,734	1,412,433	680,544	497,705	466,780	0	846,272	2,363,998	1,303,319	420,273	199,411
Wyoming.....	953,235	330,025	85,788	61,428	81,931	62,306	0	38,572	509,639	372,838	52,552	113,571
U.S. Service Academies.....	1,804,347	266,264	13,338	24,903	5,858	63,737	157,688	741	1,400,949	58,744	0	137,133
<b>Other jurisdictions.</b>	<b>1,714,381</b>	<b>402,231</b>	<b>99,116</b>	<b>170,754</b>	<b>21,915</b>	<b>11,753</b>	<b>61,441</b>	<b>37,252</b>	<b>1,306,904</b>	<b>981,347</b>	<b>47,670</b>	<b>5,247</b>
American Samoa.....	19,217	9,973	3,462	5,916	0	182	0	413	9,244	3,000	0	0
Federated States of Micronesia.....	21,154	9,452	703	3,507	3,664	1,412	0	166	11,702	0	0	0
Guam.....	137,472	59,520	17,135	30,461	1,667	2,661	0	7,597	77,657	29,679	18,098	295
Marshall Islands.....	13,843	7,167	446	5,310	0	822	0	589	6,676	2,753	0	0
Northern Marianas.....	18,721	11,543	1,688	8,284	0	1,545	0	26	7,178	4,787	0	0
Palau.....	10,996	5,757	2,662	2,549	0	105	0	442	5,239	2,411	0	0
Puerto Rico.....	1,413,396	256,984	57,024	97,347	12,910	1,880	61,441	26,381	1,156,153	938,717	2,755	259
U.S. Virgin Islands.....	79,581	41,836	15,996	17,380	3,675	3,147	0	1,639	33,053	0	26,817	4,692

<sup>1</sup>After deducting discounts and allowances.

<sup>2</sup>Includes sales and services of educational activities.

<sup>3</sup>Includes other categories not separately shown.

NOTE: Degree-granting institutions grant associate's or higher degrees and participate in Title IV federal financial aid programs. Includes data for public institutions reporting data according to either the Governmental Accounting Standards Board (GASB) or the Financial Accounting

Standards Board (FASB) questionnaire. Data in this table pertain to institutions' fiscal years that end in the academic year noted. Detail may not sum to totals because of rounding.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), Spring 2017, Finance component. (This table was prepared January 2018.)

**Table 333.30. Appropriations from state and local governments for public degree-granting postsecondary institutions, by state or jurisdiction: Selected years, 1990–91 through 2015–16**

[In thousands of current dollars]

State or jurisdiction	State appropriations						Local appropriations					
	1990–91	2000–01	2010–11	2013–14	2014–15	2015–16	1990–91	2000–01	2010–11	2013–14	2014–15	2015–16
1	2	3	4	5	6	7	8	9	10	11	12	13
<b>United States</b> .....	<b>\$35,898,653</b>	<b>\$56,268,990</b>	<b>\$63,063,322</b>	<b>\$62,639,192</b>	<b>\$65,172,431</b>	<b>\$67,202,250</b>	<b>\$3,159,789</b>	<b>\$5,582,287</b>	<b>\$10,023,157</b>	<b>\$11,112,241</b>	<b>\$11,248,036</b>	<b>\$12,213,323</b>
Alabama .....	708,191	991,302	1,281,923	1,317,764	1,328,633	1,343,704	6,796	4,829	1,204	1,895	1,912	1,951
Alaska .....	168,395	190,650	346,644	392,451	383,381	359,284	260	10,340	9,681	10,789	11,254	11,769
Arizona .....	591,656	903,196	1,006,196	789,580	833,734	713,709	149,337	310,762	746,962	798,085	827,914	860,992
Arkansas .....	315,372	583,794	753,573	783,427	746,774	737,815	216	9,496	30,375	32,279	32,821	33,607
California .....	5,313,052	7,891,669	9,367,909	8,171,790	8,858,552	9,898,949	771,160	1,764,717	2,490,057	3,005,606	3,151,021	3,643,602
Colorado .....	423,710	655,037	33,667	32,718	33,185	35,124	22,400	36,840	82,141	83,364	98,222	114,979
Connecticut .....	363,427	664,356	1,018,015	1,080,009	1,164,286	1,235,326	0	0	0	0	0	0
Delaware .....	115,729	193,695	214,445	234,102	230,448	236,036	0	0	0	0	0	0
District of Columbia .....	0	3,019	66,420	66,691	73,458	71,942	73,495	46,933	0	0	0	0
Florida .....	1,638,218	2,656,376	3,243,232	3,356,433	3,605,205	3,773,040	1,850	2	0	0	0	0
Georgia .....	915,303	1,826,961	1,938,523	2,003,786	2,072,679	2,141,041	25,705	21,615	23	400	470	23
Hawaii .....	304,131	395,884	359,077	391,266	413,149	441,373	0	0	0	0	0	0
Idaho .....	177,918	290,746	312,809	346,115	372,241	385,878	6,161	11,148	13,398	27,176	28,006	29,171
Illinois .....	1,296,895	1,760,300	1,789,707	1,789,946	1,764,272	1,664,824	284,635	520,136	1,001,566	1,048,852	1,073,078	1,082,455
Indiana .....	886,124	1,257,919	1,431,488	1,452,440	1,476,900	1,521,652	1,507	6,190	7,951	7,760	8,283	8,501
Iowa .....	544,945	813,805	731,485	818,015	847,156	847,265	21,624	36,129	107,022	125,607	128,083	140,233
Kansas .....	437,413	664,201	741,285	731,298	748,331	737,012	87,026	160,873	228,630	265,657	278,371	285,420
Kentucky .....	617,915	939,047	971,263	923,182	913,793	914,783	4,682	14,930	18,261	20,377	22,014	23,717
Louisiana .....	566,798	834,643	1,018,696	807,568	776,519	826,723	1,462	517	0	0	0	0
Maine .....	174,737	212,144	252,786	258,412	258,650	263,476	0	0	0	0	0	0
Maryland .....	724,223	999,723	1,392,864	1,480,786	1,595,878	1,660,524	117,913	185,034	319,337	329,689	355,706	372,794
Massachusetts .....	471,368	1,038,998	1,034,211	1,168,001	1,254,367	1,333,373	0	0	0	0	0	0
Michigan .....	1,326,884	1,991,098	1,713,747	1,600,635	1,707,764	1,711,176	159,202	288,112	551,945	531,528	545,631	555,497
Minnesota .....	744,381	1,174,797	1,206,301	1,183,311	1,245,010	1,322,366	2,040	0	0	0	0	0
Mississippi .....	365,574	758,242	868,311	946,620	989,452	1,015,214	25,670	38,167	58,179	64,212	65,091	67,068
Missouri .....	563,430	945,746	904,594	852,967	907,274	926,656	38,097	101,562	148,970	147,973	139,345	152,019
Montana .....	110,199	137,341	173,250	211,658	226,146	243,656	3,310	4,069	8,151	9,156	10,104	9,893
Nebraska .....	318,482	514,235	621,957	666,757	686,504	708,412	36,569	19,892	120,979	138,933	149,413	160,297
Nevada .....	161,581	333,117	539,712	478,282	479,325	532,599	0	0	0	0	0	0
New Hampshire .....	71,226	96,157	131,878	104,119	118,859	123,500	6	0	7	0	0	0
New Jersey .....	854,989	1,246,554	1,495,505	1,569,437	1,560,844	1,546,464	145,010	172,667	211,638	199,631	201,487	206,836
New Mexico .....	307,083	538,822	724,046	749,949	789,545	795,942	34,364	60,183	120,930	134,655	148,120	146,242
New York .....	2,313,128	4,461,671	4,247,113	4,593,055	4,692,809	5,079,139	372,650	431,415	762,484	803,784	834,288	980,353
North Carolina .....	1,351,111	2,221,600	3,434,423	3,474,851	3,550,508	3,682,530	62,785	113,448	196,168	217,480	229,527	240,152
North Dakota .....	129,986	188,047	268,488	334,094	338,725	352,578	9	21	2,459	3,082	5,882	4,961
Ohio .....	1,360,141	1,922,571	1,888,347	1,917,249	1,944,666	2,039,078	63,899	101,647	163,891	164,764	173,263	190,092
Oklahoma .....	473,898	754,540	924,623	915,806	910,491	796,238	12,822	28,367	49,857	56,899	60,035	61,889
Oregon .....	377,476	640,347	537,918	634,748	571,526	778,527	118,499	106,436	206,762	230,607	242,266	242,332
Pennsylvania .....	962,121	1,331,544	1,401,316	1,211,416	1,213,985	1,287,045	62,794	94,338	117,967	111,246	112,932	114,862
Rhode Island .....	113,614	157,137	137,071	148,310	158,116	164,729	0	0	0	0	0	0
South Carolina .....	578,794	853,139	480,329	538,507	575,626	582,745	18,670	36,060	62,799	64,358	65,533	67,954
South Dakota .....	81,859	129,680	157,444	180,855	190,402	199,367	0	0	0	0	0	0
Tennessee .....	663,536	969,316	1,250,509	1,117,533	1,108,450	1,163,475	1,779	3,824	5,327	5,707	5,974	6,216
Texas .....	2,627,916	4,236,852	5,179,075	5,394,667	5,511,862	5,900,536	210,934	439,342	1,377,920	1,623,483	1,779,359	1,920,271
Utah .....	304,738	531,975	661,823	737,380	823,576	869,969	0	0	0	0	0	0
Vermont .....	40,997	53,605	72,466	70,618	70,260	68,719	4	0	0	0	0	0
Virginia .....	886,208	1,395,308	1,534,717	1,674,472	1,652,138	1,717,775	973	1,570	3,737	3,886	3,856	3,750
Washington .....	828,700	1,200,392	1,329,108	1,194,425	1,191,588	1,400,764	2,470	0	0	0	0	0
West Virginia .....	263,269	382,269	395,050	401,966	397,321	375,295	574	503	316	653	579	603
Wisconsin .....	841,192	1,186,415	1,151,462	1,012,034	1,395,833	1,303,319	197,712	379,648	757,773	795,338	408,367	420,273
Wyoming .....	120,623	149,009	326,523	327,692	358,462	372,838	12,721	20,525	38,818	47,331	49,830	52,552
U.S. Service Academies .....	0	0	0	0	53,773	58,744	0	0	0	0	0	0
<b>Other jurisdictions.</b>	<b>337,393</b>	<b>709,473</b>	<b>883,692</b>	<b>995,154</b>	<b>991,449</b>	<b>981,347</b>	<b>12,724</b>	<b>20,612</b>	<b>46,944</b>	<b>46,378</b>	<b>48,407</b>	<b>47,670</b>
American Samoa .....	0	0	0	3,000	3,000	3,000	0	0	0	0	0	0
Federated States of Micronesia .....	0	40	0	0	0	0	0	3,327	0	0	0	0
Guam .....	28,283	29,122	31,936	32,131	34,200	29,679	10,028	12,826	15,700	17,423	20,270	18,098
Marshall Islands .....	0	1,924	2,000	2,875	2,597	2,753	0	0	0	0	0	0
Northern Marianas .....	0	9,055	4,385	4,114	4,362	4,787	0	0	0	0	0	0
Palau .....	644	2,345	2,039	2,461	2,411	2,411	0	0	0	0	0	0
Puerto Rico .....	277,295	647,623	843,332	950,573	944,879	938,717	2,375	4,459	1,824	2,431	2,479	2,755
U.S. Virgin Islands .....	31,170	19,365	0	0	0	0	320	0	29,420	26,525	25,658	26,817

NOTE: Data for 1990–91 are for institutions of higher education, while later data are for degree-granting institutions. Degree-granting institutions grant associate's or higher degrees and participate in Title IV federal financial aid programs. The degree-granting classification is very similar to the earlier higher education classification, but it includes more 2-year colleges and excludes a few higher education institutions that did not grant degrees. Includes data for public institutions reporting data according to either the Governmental Accounting Standards Board (GASB) or the Financial Accounting Standards Board

(FASB) questionnaire. Data in this table pertain to institutions' fiscal years that end in the academic year noted. Some data have been revised from previously published figures. Detail may not sum to totals because of rounding.  
SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), "Finance Survey" (IPEDS-F:FY91); and selected years, Spring 2002 through Spring 2017, Finance component. (This table was prepared January 2018.)

**Table 333.40. Total revenue of private nonprofit degree-granting postsecondary institutions, by source of funds and level of institution: Selected years: 1999–2000 through 2015–16**

Level of institution and year	Total	Student tuition and fees (net of allowances)	Federal appropriations, grants, and contracts <sup>1</sup>	State and local appropriations, grants, and contracts	Private gifts, grants, and contracts			Investment return (gain or loss)	Educational activities	Auxiliary enterprises (net of allowances)	Hospitals	Other
					Total	Private grants and contracts	Private gifts and contributions from affiliated entities					
1	2	3	4	5	6	7	8	9	10	11	12	13
In thousands of current dollars												
<b>All levels</b>												
1999–2000	\$120,625,806	\$29,651,812	\$12,191,827	\$1,697,979	\$16,488,984	—	—	\$37,763,518	\$2,865,606	\$8,317,607	\$7,208,600	\$4,439,874
2003–04	134,230,762	38,505,631	18,335,784	1,941,273	15,847,571	—	—	30,896,917	3,290,420	10,325,606	9,657,753	5,429,805
2004–05	140,150,716	41,394,424	19,699,204	1,957,921	16,738,916	—	—	30,431,521	3,595,559	10,823,963	10,377,608	5,131,401
2005–06	152,744,665	44,263,227	19,683,291	2,075,850	18,346,525	—	—	35,634,520	3,716,409	11,610,762	11,536,658	5,877,423
2006–07	182,381,275	47,481,431	20,193,637	2,165,371	20,193,231	—	—	55,907,662	4,105,289	12,291,973	12,636,904	7,405,779
2007–08	139,250,857	50,736,003	20,204,523	2,385,888	20,991,936	—	—	6,446,982	4,849,728	15,928,521	13,299,928	7,407,348
2008–09	69,064,340	53,698,893	21,026,721	2,391,238	17,670,642	—	—	-64,204,943	4,787,360	13,579,506	14,790,231	5,324,691
2009–10	168,688,480	56,386,895	22,913,755	2,193,062	18,019,300	\$4,189,574	\$13,829,726	28,427,192	4,821,683	14,080,329	16,541,461	5,304,802
2010–11	207,132,349	60,069,691	24,319,663	2,165,584	22,096,853	4,379,206	17,717,647	53,574,169	4,979,595	14,797,601	17,521,091	7,608,102
2011–12	161,843,203	63,010,873	24,147,131	1,964,921	21,619,470	4,446,517	17,172,953	4,538,153	5,082,873	15,500,185	18,658,649	7,320,948
2012–13	202,042,331	65,562,231	23,710,290	1,939,417	22,335,345	4,834,258	17,501,087	38,532,782	5,530,428	15,969,232	19,011,711	9,450,894
2013–14	228,806,876	67,681,378	23,640,029	1,971,815	25,842,976	5,152,784	20,690,192	57,147,772	6,280,766	16,407,013	20,667,484	9,167,642
2014–15	200,395,534	70,181,110	24,186,839	2,113,187	26,932,309	5,520,105	21,412,204	21,274,906	6,702,519	16,883,478	23,880,282	8,240,906
2015–16	182,574,686	72,116,325	23,457,238	2,161,970	28,622,703	5,819,633	22,803,070	-2,736,521	7,044,078	17,592,591	24,107,516	10,208,787
<b>4-year</b>												
1999–2000	119,708,625	29,257,523	12,133,829	1,673,707	16,346,616	—	—	37,698,219	2,837,784	8,261,507	7,208,600	4,290,841
2003–04	133,594,668	38,181,648	18,236,313	1,903,374	15,789,672	—	—	30,854,091	3,277,767	10,287,215	9,657,753	5,406,836
2004–05	139,528,763	41,045,608	19,622,002	1,931,021	16,671,017	—	—	30,408,545	3,581,869	10,784,161	10,377,808	5,106,733
2005–06	152,150,193	43,944,766	19,607,858	2,045,814	18,288,085	—	—	35,603,805	3,699,630	11,573,115	11,536,658	5,850,463
2006–07	181,853,949	47,211,041	20,137,112	2,144,350	20,143,850	—	—	55,857,220	4,097,001	12,253,297	12,636,904	7,373,173
2007–08	138,749,560	50,431,352	20,143,833	2,361,511	20,938,774	—	—	6,459,197	4,838,649	12,890,431	13,299,928	7,385,886
2008–09	68,617,705	53,399,912	20,967,794	2,370,169	17,624,319	—	—	-64,172,755	4,781,845	13,542,690	14,790,231	5,313,500
2009–10	168,169,216	56,087,965	22,843,520	2,179,050	17,968,453	4,185,607	13,782,846	28,406,397	4,814,283	14,044,652	16,541,461	5,283,434
2010–11	206,473,105	59,603,541	24,260,568	2,150,124	22,057,300	4,376,381	17,680,919	53,557,782	4,975,158	14,762,888	17,521,091	7,584,652
2011–12	161,246,877	62,571,879	24,098,863	1,953,307	21,580,612	4,444,004	17,136,608	4,532,992	5,079,866	15,471,860	18,658,649	7,298,849
2012–13	201,526,648	65,213,804	23,664,427	1,925,893	22,293,530	4,831,951	17,461,579	38,519,232	5,527,564	15,939,735	19,011,711	9,430,753
2013–14	228,233,305	67,325,986	23,578,760	1,959,405	25,792,211	5,149,819	20,642,392	57,105,397	6,278,456	16,376,022	20,667,484	9,149,584
2014–15	199,546,338	69,519,464	24,127,099	2,102,335	26,895,138	5,518,411	21,376,727	21,267,202	6,696,900	16,840,357	23,880,282	8,217,562
2015–16	181,732,428	71,441,272	23,413,884	2,155,497	28,581,447	5,816,902	22,764,545	-2,737,498	7,039,165	17,546,533	24,107,516	10,184,613
<b>2-year</b>												
1999–2000	917,181	394,289	57,998	24,272	142,368	—	—	65,299	27,822	56,100	0	149,033
2003–04	636,094	323,983	99,471	37,900	57,900	—	—	42,826	12,653	38,391	0	22,969
2004–05	621,953	348,815	77,202	26,900	67,899	—	—	22,976	13,690	39,802	0	24,668
2005–06	594,473	318,460	75,433	30,036	58,441	—	—	30,716	16,778	37,648	0	26,960
2006–07	527,327	270,389	56,525	21,021	49,381	—	—	50,442	8,288	38,675	0	32,606
2007–08	501,297	304,651	60,689	24,377	53,162	—	—	-12,214	11,080	38,091	0	21,462
2008–09	446,635	298,981	58,927	21,069	46,323	—	—	-32,187	5,515	36,816	0	11,191
2009–10	519,264	298,930	70,235	14,012	50,847	3,967	46,880	20,795	7,400	35,677	0	21,368
2010–11	659,244	466,149	59,095	15,460	39,553	2,825	36,727	16,388	4,437	34,712	0	23,450
2011–12	596,326	438,994	48,269	11,614	38,858	2,513	36,345	5,161	3,007	28,325	0	22,099
2012–13	515,683	348,427	45,863	13,524	41,815	2,307	39,508	13,550	2,865	29,498	0	20,140
2013–14	573,571	355,392	61,269	12,409	50,766	2,965	47,800	42,376	2,311	30,991	0	18,058
2014–15	849,197	661,646	59,740	10,852	37,171	1,694	35,477	7,704	5,619	43,121	0	23,344
2015–16	842,258	675,053	43,354	6,473	41,256	2,731	38,525	976	4,913	46,058	0	24,174
Percentage distribution												
<b>All levels</b>												
1999–2000	100.00	24.58	10.11	1.41	13.67	—	—	31.31	2.38	6.90	5.98	3.68
2003–04	100.00	28.69	13.66	1.45	11.81	—	—	23.02	2.45	7.69	7.19	4.05
2004–05	100.00	29.54	14.06	1.40	11.94	—	—	21.71	2.57	7.72	7.40	3.66
2005–06	100.00	28.98	12.89	1.36	12.01	—	—	23.33	2.43	7.60	7.55	3.85
2006–07	100.00	26.03	11.07	1.19	11.07	—	—	30.65	2.25	6.74	6.93	4.06
2007–08	100.00	36.43	14.51	1.71	15.07	—	—	4.63	3.48	9.28	9.55	5.32
2008–09	100.00	77.75	30.45	3.46	25.59	—	—	-92.96	6.93	19.66	21.42	7.71
2009–10	100.00	33.43	13.58	1.30	10.68	2.48	8.20	16.85	2.86	8.35	9.81	3.14
2010–11	100.00	29.00	11.74	1.05	10.67	2.11	8.55	25.86	2.40	7.14	8.46	3.67
2011–12	100.00	38.93	14.92	1.21	13.36	2.75	10.61	2.80	3.14	9.58	11.53	4.52
2012–13	100.00	32.45	11.74	0.96	11.05	2.39	8.66	19.07	2.74	7.90	9.41	4.68
2013–14	100.00	29.58	10.33	0.86	11.29	2.25	9.04	24.98	2.75	7.17	9.03	4.01
2014–15	100.00	35.02	12.07	1.05	13.44	2.75	10.68	10.62	3.34	8.43	11.92	4.11
2015–16	100.00	39.50	12.85	1.18	15.68	3.19	12.49	-1.50	3.86	9.64	13.20	5.59
<b>4-year</b>												
1999–2000	100.00	24.44	10.14	1.40	13.66	—	—	31.49	2.37	6.90	6.02	3.58
2003–04	100.00	28.58	13.65	1.42	11.82	—	—	23.10	2.45	7.70	7.23	4.05
2004–05	100.00	29.42	14.06	1.38	11.95	—	—	21.79	2.57	7.73	7.44	3.66
2005–06	100.00	28.88	12.89	1.34	12.02	—	—	23.40	2.43	7.61	7.58	3.85
2006–07	100.00	25.96	11.07	1.18	11.08	—	—	30.72	2.25	6.74	6.95	4.05
2007–08	100.00	36.35	14.52	1.70	15.09	—	—	4.66	3.49	9.29	9.59	5.32
2008–09	100.00	77.82	30.56	3.45	25.68	—	—	-93.52	6.97	19.74	21.55	7.74
2009–10	100.00	33.35	13.58	1.30	10.68	2.49	8.20	16.89	2.86	8.35	9.84	3.14
2010–11	100.00	28.87	11.75	1.04	10.68	2.12	8.56	25.94	2.41	7.15	8.49	3.67
2011–12	100.00	38.81	14.95	1.21	13.38	2.76	10.63	2.81	3.15	9.60	11.57	4.53

See notes at end of table.

**Table 333.40. Total revenue of private nonprofit degree-granting postsecondary institutions, by source of funds and level of institution: Selected years: 1999–2000 through 2015–16—Continued**

Level of institution and year	Total	Student tuition and fees (net of allowances)	Federal appropriations, grants, and contracts <sup>1</sup>	State and local appropriations, grants, and contracts	Private gifts, grants, and contracts			Investment return (gain or loss)	Educational activities	Auxiliary enterprises (net of allowances)	Hospitals	Other
					Total	Private grants and contracts	Private gifts and contributions from affiliated entities					
1	2	3	4	5	6	7	8	9	10	11	12	13
2012–13	100.00	32.36	11.74	0.96	11.06	2.40	8.66	19.11	2.74	7.91	9.43	4.68
2013–14	100.00	29.50	10.33	0.86	11.30	2.26	9.04	25.02	2.75	7.18	9.06	4.01
2014–15	100.00	34.84	12.09	1.05	13.48	2.77	10.71	10.66	3.36	8.44	11.97	4.12
2015–16	100.00	39.31	12.88	1.19	15.73	3.20	12.53	-1.51	3.87	9.66	13.27	5.60
<b>2-year</b>												
1999–2000	100.00	42.99	6.32	2.65	15.52	—	—	7.12	3.03	6.12	0.00	16.25
2003–04	100.00	50.93	15.64	5.96	9.10	—	—	6.73	1.99	6.04	0.00	3.61
2004–05	100.00	56.08	12.41	4.33	10.92	—	—	3.69	2.20	6.40	0.00	3.97
2005–06	100.00	53.57	12.69	5.05	9.83	—	—	5.17	2.82	6.33	0.00	4.54
2006–07	100.00	51.28	10.72	3.99	9.36	—	—	9.57	1.57	7.33	0.00	6.18
2007–08	100.00	60.77	12.11	4.86	10.60	—	—	-2.44	2.21	7.60	0.00	4.28
2008–09	100.00	66.94	13.19	4.72	10.37	—	—	-7.21	1.23	8.24	0.00	2.51
2009–10	100.00	57.57	13.53	2.70	9.79	0.76	9.03	4.00	1.43	6.87	0.00	4.12
2010–11	100.00	70.71	8.96	2.35	6.00	0.43	5.57	2.49	0.67	5.27	0.00	3.56
2011–12	100.00	73.62	8.09	1.95	6.52	0.42	6.09	0.87	0.50	4.75	0.00	3.71
2012–13	100.00	67.57	8.89	2.62	8.11	0.45	7.66	2.63	0.56	5.72	0.00	3.91
2013–14	100.00	61.96	10.68	2.16	8.85	0.52	8.33	7.39	0.40	5.40	0.00	3.15
2014–15	100.00	77.91	7.03	1.28	4.38	0.20	4.18	0.91	0.66	5.08	0.00	2.75
2015–16	100.00	80.15	5.15	0.77	4.90	0.32	4.57	0.12	0.58	5.47	0.00	2.87
Revenue per full-time-equivalent student in constant 2016–17 dollars <sup>2</sup>												
<b>All levels</b>												
1999–2000	\$68,100	\$16,740	\$6,883	\$959	\$9,309	—	—	\$21,320	\$1,618	\$4,696	\$4,070	\$2,507
2003–04	62,482	17,924	8,535	904	7,377	—	—	14,382	1,532	4,806	4,496	2,527
2004–05	61,827	18,261	8,690	864	7,384	—	—	13,425	1,586	4,775	4,578	2,264
2005–06	64,027	18,554	8,251	870	7,690	—	—	14,937	1,558	4,867	4,836	2,464
2006–07	73,206	19,059	8,106	869	8,105	—	—	22,441	1,648	4,934	5,072	2,973
2007–08	52,578	19,157	7,629	901	7,926	—	—	2,434	1,831	4,882	5,022	2,797
2008–09	25,326	19,692	7,711	877	6,480	—	—	-23,544	1,756	4,980	5,424	1,953
2009–10	59,672	19,946	8,105	776	6,374	\$1,482	\$4,892	10,056	1,706	4,981	5,851	1,877
2010–11	69,208	20,071	8,126	724	7,383	1,463	5,920	17,901	1,664	4,944	5,854	2,542
2011–12	52,083	20,278	7,771	632	6,957	1,431	5,526	1,460	1,636	4,988	6,005	2,356
2012–13	63,229	20,517	7,420	607	6,990	1,513	5,477	12,059	1,731	4,998	5,950	2,958
2013–14	70,404	20,825	7,274	607	7,952	1,586	6,366	17,584	1,933	5,048	6,359	2,821
2014–15	60,320	21,125	7,280	636	8,107	1,662	6,445	6,404	2,018	5,082	7,188	2,481
2015–16	54,164	21,394	6,959	641	8,491	1,726	6,765	-812	2,090	5,219	7,152	3,029
<b>4-year</b>												
1999–2000	69,030	16,871	6,997	965	9,426	—	—	21,739	1,636	4,764	4,157	2,474
2003–04	62,980	18,000	8,597	897	7,444	—	—	14,545	1,545	4,850	4,553	2,549
2004–05	62,301	18,327	8,761	862	7,444	—	—	13,578	1,599	4,815	4,634	2,280
2005–06	64,471	18,621	8,308	867	7,749	—	—	15,086	1,568	4,904	4,888	2,479
2006–07	73,627	19,114	8,153	868	8,156	—	—	22,615	1,659	4,961	5,116	2,985
2007–08	52,858	19,212	7,674	900	7,977	—	—	2,461	1,843	4,917	5,067	2,814
2008–09	25,376	19,748	7,754	877	6,518	—	—	-23,732	1,768	5,008	5,470	1,965
2009–10	59,977	20,003	8,147	777	6,408	1,493	4,916	10,131	1,717	5,009	5,899	1,884
2010–11	69,729	20,129	8,193	726	7,449	1,478	5,971	18,087	1,680	4,966	5,917	2,561
2011–12	52,406	20,336	7,832	635	7,014	1,444	5,569	1,473	1,651	5,028	6,064	2,372
2012–13	63,599	20,581	7,468	608	7,036	1,525	5,511	12,156	1,744	5,030	6,000	2,976
2013–14	70,795	20,884	7,314	608	8,000	1,597	6,403	17,713	1,947	5,080	6,411	2,838
2014–15	60,869	21,206	7,360	641	8,204	1,683	6,521	6,487	2,043	5,137	7,284	2,507
2015–16	54,568	21,451	7,030	647	8,582	1,747	6,835	-822	2,114	5,269	7,239	3,058
<b>2-year</b>												
1999–2000	24,682	10,611	1,561	653	3,831	—	—	1,757	749	1,510	0	4,011
2003–04	23,488	11,963	3,673	1,399	2,138	—	—	1,581	467	1,418	0	848
2004–05	22,864	12,823	2,838	989	2,496	—	—	845	503	1,463	0	907
2005–06	23,174	12,415	2,941	1,171	2,278	—	—	1,197	654	1,468	0	1,051
2006–07	24,629	12,629	2,640	982	2,306	—	—	2,356	387	1,806	0	1,523
2007–08	21,290	12,938	2,577	1,035	2,258	—	—	-519	471	1,618	0	912
2008–09	19,447	13,018	2,566	917	2,017	—	—	-1,401	240	1,603	0	487
2009–10	22,545	12,979	3,049	608	2,208	172	2,035	903	321	1,549	0	928
2010–11	20,744	14,668	1,860	486	1,245	89	1,156	516	140	1,092	0	738
2011–12	19,536	14,382	1,581	380	1,273	82	1,191	169	98	928	0	724
2012–13	19,296	13,038	1,716	506	1,565	86	1,478	507	107	1,104	0	754
2013–14	22,008	13,636	2,351	476	1,948	114	1,834	1,626	89	1,189	0	693
2014–15	19,352	15,078	1,361	247	847	39	808	176	128	983	0	532
2015–16	20,855	16,715	1,073	160	1,022	68	954	24	122	1,140	0	599

—Not available.

<sup>1</sup>Includes independent operations.

<sup>2</sup>Constant dollars based on the Consumer Price Index, prepared by the Bureau of Labor Statistics, U.S. Department of Labor, adjusted to a school-year basis.

NOTE: Degree-granting institutions grant associate's or higher degrees and participate in Title IV federal financial aid programs. Data in this table pertain to institutions' fiscal years

that end in the academic year noted. Some data have been revised from previously published figures. Detail may not sum to totals because of rounding.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), "Fall Enrollment Survey" (IPEDS-EF:99); Spring 2001 through Spring 2007, Enrollment component; Spring 2008 through Spring 2016, Fall Enrollment component; and Spring 2001 through Spring 2017, Finance component. (This table was prepared January 2018.)

**Table 333.50. Total revenue of private nonprofit degree-granting postsecondary institutions, by source of funds and classification of institution: 2015–16**

Classification of institution	Total	Student tuition and fees (net of allowances)	Federal appropriations, grants, and contracts <sup>1</sup>	State appropriations, grants, and contracts	Local appropriations, grants, and contracts	Private grants and contracts	Private gifts and contributions from affiliated entities	Investment return (gain or loss)	Educational activities	Auxiliary enterprises (net of allowances)	Hospitals	Other
1	2	3	4	5	6	7	8	9	10	11	12	13
In thousands of current dollars												
<b>Total</b> .....	<b>\$182,574,686</b>	<b>\$72,116,325</b>	<b>\$23,457,238</b>	<b>\$1,632,821</b>	<b>\$529,149</b>	<b>\$5,819,633</b>	<b>\$22,803,070</b>	<b>-\$2,736,521</b>	<b>\$7,044,078</b>	<b>\$17,592,591</b>	<b>\$24,107,516</b>	<b>\$10,208,787</b>
4-year.....	181,732,428	71,441,272	23,413,884	1,627,360	528,137	5,816,902	22,764,545	-2,737,498	7,039,165	17,546,533	24,107,516	10,184,613
Research university, very high <sup>2</sup> .....	87,284,893	17,651,388	17,732,460	816,611	265,603	3,989,009	11,902,367	333,895	5,272,009	5,230,315	17,196,760	6,894,475
Research university, high <sup>3</sup> .....	13,829,755	7,030,312	1,318,813	134,624	27,552	305,029	1,774,364	-368,848	868,673	1,559,069	505,569	674,597
Doctoral/research <sup>4</sup> .....	9,543,784	7,080,737	291,283	85,450	6,490	61,308	611,357	-238,913	56,978	1,220,316	0	368,779
Master's <sup>5</sup> .....	30,482,605	21,735,955	817,307	247,690	13,209	170,588	2,454,192	-443,820	152,297	4,557,526	13,252	764,409
Baccalaureate <sup>6</sup> .....	18,206,863	10,412,005	611,763	98,302	8,559	205,299	3,947,885	-1,827,755	127,235	4,156,196	0	467,375
Special-focus institutions <sup>7</sup> .....	22,384,528	7,530,875	2,642,258	244,683	206,723	1,085,668	2,074,380	-192,057	561,973	823,111	6,391,935	1,014,978
Arts, music, or design.....	2,340,567	1,670,717	36,909	14,142	6,086	28,294	261,700	-57,521	14,420	286,236	0	79,583
Business and management.....	627,293	419,273	28,258	9,302	0	1,906	68,852	-5,128	4,617	89,528	0	10,685
Engineering and other technology-related.....	218,699	174,136	4,538	877	0	77	22,636	-15,445	2,341	25,849	0	3,691
Faith related.....	1,697,391	614,999	44,197	2,733	911	41,763	740,242	-38,477	14,057	184,390	0	92,575
Law.....	428,303	351,204	8,261	3,057	445	5,780	34,814	-255	505	14,177	0	10,296
Medical schools and centers and other health professions schools.....	16,275,894	3,912,316	2,342,569	208,285	188,798	992,944	844,355	-60,847	511,757	187,301	6,391,935	756,483
Tribal colleges <sup>8</sup> .....	100,879	9,699	79,362	2,045	320	1,257	1,010	169	558	1,198	0	5,262
Other special focus.....	695,501	378,532	98,144	4,242	10,163	13,648	100,771	-14,553	13,720	34,432	0	56,402
2-year.....	842,258	675,053	43,354	5,461	1,012	2,731	38,525	976	4,913	46,058	0	24,174
Associate's colleges.....	821,868	674,686	30,934	4,611	412	2,006	37,925	927	4,913	45,822	0	19,632
Tribal colleges <sup>8</sup> .....	20,389	367	12,420	850	600	725	600	49	0	236	0	4,542
Percentage distribution												
<b>Total</b> .....	<b>100.00</b>	<b>39.50</b>	<b>12.85</b>	<b>0.89</b>	<b>0.29</b>	<b>3.19</b>	<b>12.49</b>	<b>-1.50</b>	<b>3.86</b>	<b>9.64</b>	<b>13.20</b>	<b>5.59</b>
4-year.....	100.00	39.31	12.88	0.90	0.29	3.20	12.53	-1.51	3.87	9.66	13.27	5.60
Research university, very high <sup>2</sup> .....	100.00	20.22	20.32	0.94	0.30	4.57	13.64	0.38	6.04	5.99	19.70	7.90
Research university, high <sup>3</sup> .....	100.00	50.83	9.54	0.97	0.20	2.21	12.83	-2.67	6.28	11.27	3.66	4.88
Doctoral/research <sup>4</sup> .....	100.00	74.19	3.05	0.90	0.07	0.64	6.41	-2.50	0.60	12.79	0.00	3.86
Master's <sup>5</sup> .....	100.00	71.31	2.68	0.81	0.04	0.56	8.05	-1.46	0.50	14.95	0.04	2.51
Baccalaureate <sup>6</sup> .....	100.00	57.19	3.36	0.54	0.05	1.13	21.88	-10.04	0.70	22.83	0.00	2.57
Special-focus institutions <sup>7</sup> .....	100.00	33.64	11.80	1.09	0.92	4.85	9.27	-0.86	2.51	3.68	28.56	4.53
Arts, music, or design.....	100.00	71.38	1.58	0.60	0.26	1.21	11.18	-2.46	0.62	12.23	0.00	3.40
Business and management.....	100.00	66.84	4.50	1.48	0.00	0.30	10.98	-0.82	0.74	14.27	0.00	1.70
Engineering and other technology-related.....	100.00	79.62	2.07	0.40	0.00	0.04	10.35	-7.06	1.07	11.82	0.00	1.69
Faith related.....	100.00	36.23	2.60	0.16	0.05	2.46	43.61	-2.27	0.83	10.86	0.00	5.45
Law.....	100.00	82.00	1.93	0.71	0.10	1.35	8.13	-0.06	0.12	3.31	0.00	2.40
Medical schools and centers and other health professions schools.....	100.00	24.04	14.39	1.28	1.16	6.10	5.19	-0.37	3.14	1.15	39.27	4.65
Tribal colleges <sup>8</sup> .....	100.00	9.61	78.67	2.03	0.32	1.25	1.00	0.17	0.55	1.19	0.00	5.22
Other special focus.....	100.00	54.43	14.11	0.61	1.46	1.96	14.49	-2.09	1.97	4.95	0.00	8.11
2-year.....	100.00	80.15	5.15	0.65	0.12	0.32	4.57	0.12	0.58	5.47	0.00	2.87
Associate's colleges.....	100.00	82.09	3.76	0.56	0.05	0.24	4.61	0.11	0.60	5.58	0.00	2.39
Tribal colleges <sup>8</sup> .....	100.00	1.80	60.91	4.17	2.94	3.56	2.94	0.24	0.00	1.16	0.00	22.28
Revenue per full-time-equivalent student in current dollars												
<b>Total</b> .....	<b>\$53,185</b>	<b>\$21,008</b>	<b>\$6,833</b>	<b>\$476</b>	<b>\$154</b>	<b>\$1,695</b>	<b>\$6,643</b>	<b>-\$797</b>	<b>\$2,052</b>	<b>\$5,125</b>	<b>\$7,023</b>	<b>\$2,974</b>
4-year.....	53,582	21,064	6,903	480	156	1,715	6,712	-807	2,075	5,173	7,108	3,003
Research university, very high <sup>2</sup> .....	157,391	31,829	31,975	1,473	479	7,193	21,462	602	9,506	9,431	31,009	12,432
Research university, high <sup>3</sup> .....	47,319	24,054	4,512	461	94	1,044	6,071	-1,262	2,972	5,334	1,730	2,308
Doctoral/research <sup>4</sup> .....	27,764	20,598	847	249	19	178	1,778	-695	166	3,550	0	1,073
Master's <sup>5</sup> .....	24,001	17,114	644	195	10	134	1,932	-349	120	3,588	10	602
Baccalaureate <sup>6</sup> .....	29,586	16,920	994	160	14	334	6,415	-2,970	207	6,754	0	759
Special-focus institutions <sup>7</sup> .....	70,915	23,858	8,371	775	655	3,439	6,572	-608	1,780	2,608	20,250	3,215
Arts, music, or design.....	41,135	29,363	649	249	107	497	4,599	-1,011	253	5,031	0	1,399
Business and management.....	27,684	18,504	1,247	411	0	84	3,039	-226	204	3,951	0	472
Engineering and other technology-related.....	18,012	14,342	374	72	0	6	1,864	-1,272	193	2,129	0	304
Faith related.....	24,595	8,911	640	40	13	605	10,726	-558	204	2,672	0	1,341
Law.....	40,904	33,541	791	292	42	552	3,325	-24	48	1,354	0	983
Medical schools and centers and other health professions schools.....	128,173	30,810	18,448	1,640	1,487	7,819	6,649	-479	4,030	1,475	50,337	5,957
Tribal colleges <sup>8</sup> .....	45,750	4,398	35,992	928	145	570	458	76	253	543	0	2,386
Other special focus.....	45,514	24,771	6,423	278	665	893	6,595	-952	898	2,253	0	3,691
2-year.....	20,478	16,413	1,054	133	25	66	937	24	119	1,120	0	588
Associate's colleges.....	20,245	16,620	762	114	10	49	934	23	121	1,129	0	484
Tribal colleges <sup>8</sup> .....	38,182	688	23,258	1,592	1,123	1,358	1,124	92	0	441	0	8,505

<sup>1</sup>Includes independent operations.

<sup>2</sup>Research universities with a very high level of research activity.

<sup>3</sup>Research universities with a high level of research activity.

<sup>4</sup>Institutions that award at least 20 research/scholarship doctor's degrees per year, but did not have high levels of research activity.

<sup>5</sup>Institutions that award at least 50 master's and fewer than 20 doctor's degrees per year.

<sup>6</sup>Institutions that primarily emphasize undergraduate education. In addition to institutions that primarily award bachelor's degrees, also includes institutions classified as 4-year in the IPEDS system, but classified as 2-year baccalaureate/associate's colleges in the Carnegie Classification system because they primarily award associate's degrees.

<sup>7</sup>Four-year institutions that award degrees primarily in single fields of study, such as medicine, business, fine arts, theology, and engineering.

<sup>8</sup>Tribally controlled colleges, which are located on reservations and are members of the American Indian Higher Education Consortium.

NOTE: Relative levels of research activity for research universities were determined by an analysis of research and development expenditures, science and engineering research staffing, and doctoral degrees conferred, by field. Further information on the Carnegie 2015 classification system used in this table may be obtained from <http://carnegieclassifications.iu.edu/>. Degree-granting institutions grant associate's or higher degrees and participate in Title IV federal financial aid programs. Data in this table pertain to institutions' fiscal years that end in the academic year noted. Detail may not sum to totals because of rounding.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), Spring 2016, Fall Enrollment component; and Spring 2017, Finance component. (This table was prepared January 2018.)

**Table 333.55. Total revenue of private for-profit degree-granting postsecondary institutions, by source of funds and level of institution: Selected years, 1999–2000 through 2015–16**

Level of institution and year	Total	Student tuition and fees (net of allowances)	Federal appropriations, grants, and contracts	State and local appropriations, grants, and contracts	Private gifts, grants, and contracts	Investment return (gain or loss)	Educational activities	Auxiliary enterprises (net of allowances)	Other
1	2	3	4	5	6	7	8	9	10
In thousands of current dollars									
<b>All levels</b>									
1999–2000.....	\$4,321,985	\$3,721,032	\$198,923	\$71,904	\$2,151	\$18,537	\$70,672	\$156,613	\$82,153
2010–11.....	28,285,216	25,157,459	1,583,370	157,290	31,272	32,551	402,206	542,622	378,447
2011–12.....	26,922,849	24,344,390	1,220,844	101,443	9,386	36,726	351,917	511,364	346,778
2012–13.....	24,761,608	22,465,786	1,090,992	96,621	14,700	58,243	312,065	484,747	238,453
2013–14.....	22,645,566	20,481,607	941,363	77,986	12,206	43,032	256,321	482,439	350,611
2014–15.....	19,665,772	17,705,922	848,223	53,217	15,935	45,317	224,389	434,253	338,516
2015–16.....	17,058,956	15,348,446	713,312	46,680	14,901	27,484	329,408	312,111	266,613
<b>4-year</b>									
1999–2000.....	2,381,042	2,050,136	103,865	39,460	1,109	10,340	33,764	102,103	40,266
2010–11.....	21,690,069	19,483,895	1,113,186	118,054	29,118	28,671	346,786	405,604	164,755
2011–12.....	21,204,786	19,251,785	836,741	69,747	7,298	30,546	308,359	404,301	296,009
2012–13.....	19,550,978	17,759,973	809,567	64,261	12,233	49,200	265,836	395,722	194,187
2013–14.....	17,832,352	16,188,360	709,409	51,830	10,232	36,012	222,841	395,509	218,160
2014–15.....	15,845,578	14,281,696	626,082	37,570	14,474	37,530	198,393	371,131	278,702
2015–16.....	13,584,785	12,232,686	519,399	32,097	13,708	21,959	304,279	254,981	205,676
<b>2-year</b>									
1999–2000.....	1,940,943	1,670,896	95,058	32,444	1,042	8,197	36,908	54,510	41,888
2010–11.....	6,595,147	5,673,564	470,183	39,236	2,154	3,880	55,420	137,018	213,692
2011–12.....	5,092,606	4,384,103	31,696	31,696	2,087	6,180	43,558	107,063	50,770
2012–13.....	5,210,630	4,705,813	281,425	32,361	2,467	9,043	46,230	89,025	44,266
2013–14.....	4,813,214	4,293,247	231,954	26,157	1,975	7,021	33,480	86,930	132,450
2014–15.....	3,820,194	3,424,226	222,141	15,647	1,461	7,787	25,996	63,122	59,814
2015–16.....	3,474,170	3,115,760	193,913	14,583	1,193	5,525	25,129	57,130	60,937
Percentage distribution									
<b>All levels</b>									
1999–2000.....	100.00	86.10	4.60	1.66	0.05	0.43	1.64	3.62	1.90
2010–11.....	100.00	88.94	5.60	0.56	0.11	0.12	1.42	1.92	1.34
2011–12.....	100.00	90.42	4.53	0.38	0.03	0.14	1.31	1.90	1.29
2012–13.....	100.00	90.73	4.41	0.39	0.06	0.24	1.26	1.96	0.96
2013–14.....	100.00	90.44	4.16	0.34	0.05	0.19	1.13	2.13	1.55
2014–15.....	100.00	90.03	4.31	0.27	0.08	0.23	1.14	2.21	1.72
2015–16.....	100.00	89.97	4.18	0.27	0.09	0.16	1.93	1.83	1.56
<b>4-year</b>									
1999–2000.....	100.00	86.10	4.36	1.66	0.05	0.43	1.42	4.29	1.69
2010–11.....	100.00	89.83	5.13	0.54	0.13	0.13	1.60	1.87	0.76
2011–12.....	100.00	90.79	3.95	0.33	0.03	0.14	1.45	1.91	1.40
2012–13.....	100.00	90.84	4.14	0.33	0.06	0.25	1.36	2.02	0.99
2013–14.....	100.00	90.78	3.98	0.29	0.06	0.20	1.25	2.22	1.22
2014–15.....	100.00	90.13	3.95	0.24	0.09	0.24	1.25	2.34	1.76
2015–16.....	100.00	90.05	3.82	0.24	0.10	0.16	2.24	1.88	1.51
<b>2-year</b>									
1999–2000.....	100.00	86.09	4.90	1.67	0.05	0.42	1.90	2.81	2.16
2010–11.....	100.00	86.03	7.13	0.59	0.03	0.06	0.84	2.08	3.24
2011–12.....	100.00	89.06	6.72	0.55	0.04	0.11	0.76	1.87	0.89
2012–13.....	100.00	90.31	5.40	0.62	0.05	0.17	0.89	1.71	0.85
2013–14.....	100.00	89.20	4.82	0.54	0.04	0.15	0.70	1.81	2.75
2014–15.....	100.00	89.63	5.81	0.41	0.04	0.20	0.68	1.65	1.57
2015–16.....	100.00	89.68	5.58	0.42	0.03	0.16	0.72	1.64	1.75
Revenue per full-time-equivalent student in constant 2016–17 dollars <sup>1</sup>									
<b>All levels</b>									
1999–2000.....	\$16,107	\$13,867	\$741	\$268	\$8	\$69	\$263	\$584	\$306
2010–11.....	18,774	16,698	1,051	104	21	22	267	360	251
2011–12.....	17,809	16,103	808	67	6	24	233	338	229
2012–13.....	18,355	16,653	809	72	11	43	231	359	177
2013–14.....	22,053	19,946	917	76	12	42	250	470	341
2014–15.....	17,057	15,357	736	46	14	39	195	377	294
2015–16.....	17,568	15,806	735	48	15	28	339	321	275
<b>4-year</b>									
1999–2000.....	16,348	14,076	713	271	8	71	232	701	276
2010–11.....	18,927	17,002	971	103	25	25	303	354	144
2011–12.....	18,046	16,384	712	59	6	26	262	344	252
2012–13.....	18,516	16,820	767	61	12	47	252	375	184
2013–14.....	23,627	21,449	940	69	14	48	295	524	289
2014–15.....	17,061	15,377	674	40	16	40	214	400	300
2015–16.....	17,512	15,769	670	41	18	28	392	329	265
<b>2-year</b>									
1999–2000.....	15,821	13,620	775	264	8	67	301	444	341
2010–11.....	18,287	15,732	1,304	109	6	11	154	380	593
2011–12.....	16,980	15,122	1,141	94	6	18	129	318	151
2012–13.....	17,774	16,052	960	110	8	31	158	304	151
2013–14.....	17,686	15,776	852	96	7	26	123	319	487
2014–15.....	17,041	15,275	991	70	7	35	116	282	267
2015–16.....	17,790	15,955	993	75	6	28	129	293	312

<sup>1</sup>Constant dollars based on the Consumer Price Index, prepared by the Bureau of Labor Statistics, U.S. Department of Labor, adjusted to a school-year basis.  
NOTE: Degree-granting institutions grant associate's or higher degrees and participate in Title IV federal financial aid programs. Data in this table pertain to institutions' fiscal years that end in the academic year noted. Some data have been revised from previously published figures. Detail may not sum to totals because of rounding.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), "Fall Enrollment Survey" (IPEDS-EF:99); Spring 2009 through Spring 2016, Fall Enrollment component; and selected years, Spring 2001 through Spring 2017, Finance component. (This table was prepared January 2018.)

**Table 333.90. Endowment funds of the 120 degree-granting postsecondary institutions with the largest endowments, by rank order: Fiscal year 2016**

Institution	Fiscal year (FY) 2016				Institution	Fiscal year (FY) 2016			
	Rank order, end of FY <sup>1</sup>	Market value of endowment				Rank order, end of FY <sup>1</sup>	Market value of endowment		
		Beginning of FY (in thousands)	End of FY (in thousands)	Percent change <sup>2</sup>			Beginning of FY (in thousands)	End of FY (in thousands)	Percent change <sup>2</sup>
1	2	3	4	5	1	2	3	4	5
<b>United States (all institutions) .....</b>	†	<b>\$553,509,685</b>	<b>\$542,240,202</b>	<b>-2.0</b>					
<b>120 institutions with the largest amounts .....</b>	†	<b>408,874,036</b>	<b>401,104,942</b>	<b>-1.9</b>					
Harvard University (MA) .....	1	37,615,545	35,665,743	-5.2	Southern Methodist University (TX) .....	61	1,505,296	1,383,981	-8.1
Yale University (CT) .....	2	25,542,983	25,413,149	-0.5	Bowdoin College (ME) .....	62	1,392,760	1,339,981	-3.8
University of Texas System Office .....	3	22,548,856	23,861,771	5.8	Carnegie Mellon University (PA) .....	63	1,318,050	1,288,196	-2.3
Stanford University (CA) .....	4	22,222,957	22,398,130	0.8	University of Illinois at Urbana-Champaign .....	64	1,308,415	1,284,203	-1.9
Princeton University (NJ) .....	5	22,291,270	21,703,488	-2.6	University of Delaware .....	65	1,341,373	1,261,790	-5.9
Massachusetts Institute of Technology .....	6	13,474,743	13,181,515	-2.2	University of Iowa .....	66	1,263,043	1,259,309	-0.3
University of Pennsylvania .....	7	10,133,569	10,715,364	5.7	Well Cornell Medical College (NY) .....	67	1,276,986	1,233,303	-3.4
Texas A & M University, College Station .....	8	9,754,202	9,858,672	1.1	University of Kentucky .....	68	1,231,557	1,221,579	-0.8
University of Michigan, Ann Arbor .....	9	9,809,705	9,600,640	-2.1	University of Cincinnati, Main Campus (OH) .....	69	1,193,540	1,163,276	-2.5
Columbia University in the City of New York (NY) ..	10	9,639,065	9,041,027	-6.2	Lehigh University (PA) .....	70	1,213,207	1,162,711	-4.2
University of Notre Dame (IN) .....	11	8,784,381	8,748,266	-0.4	Tulane University of Louisiana .....	71	1,209,322	1,162,217	-3.9
University of California System Admin Central Office ..	12	6,950,190	8,367,764	20.4	Soka University of America (CA) .....	72	1,221,435	1,161,267	-4.9
Northwestern University (IL) .....	13	7,588,029	7,478,167	-1.4	Syracuse University (NY) .....	73	1,166,109	1,156,828	-0.8
Emory University (GA) .....	14	6,787,163	6,902,625	1.7	Baylor University (TX) .....	74	1,165,550	1,153,535	-1.0
Duke University (NC) .....	15	7,296,545	6,839,780	-6.3	Wake Forest University (NC) .....	75	1,167,400	1,141,212	-2.2
Washington University in St Louis (MO) .....	16	6,889,230	6,526,726	-5.3	Trinity University (TX) .....	76	1,192,777	1,091,849	-8.5
University of Chicago (IL) .....	17	6,553,571	6,121,266	-6.6	Liberty University (VA) .....	77	1,054,286	1,082,996	2.7
University of Virginia, Main Campus .....	18	6,098,997	5,774,744	-5.3	Saint Louis University (MO) .....	78	1,093,348	1,053,035	-3.7
Rice University (TX) .....	19	5,573,038	5,354,508	-3.9	Berea College (KY) .....	79	1,101,476	1,050,680	-4.6
University of Southern California .....	20	4,709,511	4,608,714	-2.1	Baylor College of Medicine (TX) .....	80	1,062,671	1,033,287	-2.8
Cornell University (NY) .....	21	4,760,560	4,524,419	-5.0	University of Texas Southwestern Medical Center ..	81	974,261	1,028,207	5.5
Dartmouth College (NH) .....	22	4,663,491	4,474,404	-4.1	Princeton Theological Seminary (NJ) .....	82	1,075,591	1,024,238	-4.8
Vanderbilt University (TN) .....	23	4,093,388	3,795,586	-7.3	University of Georgia .....	83	1,004,987	1,016,732	1.2
Ohio State University, Main Campus .....	24	3,640,909	3,689,936	1.3	Middlebury College (VT) .....	84	1,101,054	1,000,598	-9.1
New York University .....	25	3,475,939	3,587,113	3.2	University of Oklahoma, Norman Campus .....	85	1,042,859	999,845	-4.1
University of Pittsburgh, Pittsburgh Campus (PA) ..	26	3,565,684	3,501,944	-1.8	North Carolina State University at Raleigh .....	86	983,979	998,600	1.5
University of Texas at Austin .....	27	3,341,836	3,374,451	1.0	Indiana University, Bloomington .....	87	960,625	991,134	3.2
Johns Hopkins University (MD) .....	28	3,326,932	3,306,987	-0.6	University of Tulsa (OK) .....	88	1,043,055	975,601	-6.5
University of Minnesota, Twin Cities .....	29	3,113,770	3,089,350	-0.8	University of California, San Francisco .....	89	1,426,199	974,708	-31.7
University of Wisconsin, Madison .....	30	3,288,911	3,058,960	-7.0	University of Utah .....	90	899,178	957,990	6.5
University of Washington, Seattle Campus .....	31	3,148,084	3,004,445	-4.6	Berry College (GA) .....	91	887,981	944,411	6.4
Brown University (RI) .....	32	3,073,349	2,963,366	-3.6	Indiana University, Purdue University, Indianapolis ..	92	825,184	942,121	14.2
University of North Carolina at Chapel Hill .....	33	3,029,044	2,899,974	-4.3	Juilliard School (NY) .....	93	999,377	932,735	-6.7
Michigan State University .....	34	2,671,411	2,590,300	-3.0	Vassar College (NY) .....	94	982,971	928,817	-5.5
Pennsylvania State University, Main Campus .....	35	2,395,857	2,362,197	-1.4	Washington State University .....	95	885,900	907,828	2.5
Purdue University, Main Campus (IN) .....	36	2,392,725	2,244,743	-6.2	University of Arkansas .....	96	948,679	898,908	-5.2
California Institute of Technology .....	37	2,078,954	2,217,372	6.7	University of Nebraska, Lincoln .....	97	906,156	869,874	-4.0
University of Richmond (VA) .....	38	2,371,810	2,189,546	-7.7	University of Missouri, Columbia .....	98	871,126	869,566	-0.2
Williams College (MA) .....	39	2,265,857	2,159,403	-4.7	Brandeis University (MA) .....	99	915,087	866,778	-5.3
Boston College (MA) .....	40	2,258,601	2,109,860	-6.6	Rutgers University, New Brunswick (NJ) .....	100	710,802	865,867	21.8
Amherst College (MA) .....	41	2,193,511	2,031,843	-7.4	Hamilton College (NY) .....	101	919,578	861,749	-6.3
Pomona College (CA) .....	42	2,098,703	1,984,930	-5.4	University of Miami (FL) .....	102	887,329	844,643	-4.8
University of Rochester (NY) .....	43	2,050,199	1,927,498	-6.0	Santa Clara University (CA) .....	103	884,746	840,706	-5.0
Georgia Institute of Technology, Main Campus .....	44	1,858,977	1,843,764	-0.8	Virginia Polytechnic Institute and State U. ....	104	810,200	835,800	3.2
Wellesley College (MA) .....	45	1,881,031	1,784,479	-5.1	Colgate University (NY) .....	105	892,549	821,597	-7.9
Swarthmore College (PA) .....	46	1,845,799	1,746,962	-5.4	Oberlin College (OH) .....	106	871,965	808,301	-7.3
University of California, Berkeley .....	47	1,834,400	1,718,520	-6.3	Bryn Mawr College (PA) .....	107	867,728	803,898	-7.4
University of California, Los Angeles .....	48	2,328,472	1,703,587	-26.8	College of William and Mary (VA) .....	108	811,217	803,698	-0.9
Case Western Reserve University (OH) .....	49	1,775,999	1,662,739	-6.4	Wesleyan University (CT) .....	109	838,774	802,204	-4.4
Boston University (MA) c .....	50	1,644,117	1,654,531	0.6	Thomas Jefferson University (PA) .....	110	708,033	787,426	11.2
Grinnell College (IA) .....	51	1,787,775	1,648,783	-7.8	Pepperdine University (CA) .....	111	785,767	781,341	-0.6
Smith College (MA) .....	52	1,781,763	1,627,469	-8.7	Cooper Union for the Advancement of Science and Art (NY) .....	112	738,488	777,134	5.2
Brigham Young University, Provo (UT) .....	53	1,581,452	1,571,803	-0.6	Lafayette College (PA) .....	113	809,061	774,729	-4.2
George Washington University (DC) .....	54	1,616,357	1,570,278	-2.9	University of Oregon .....	114	719,111	758,692	5.5
Tufts University (MA) .....	55	1,593,019	1,562,968	-1.9	University of Arizona .....	115	767,940	754,651	-1.7
University of Kansas .....	56	1,523,065	1,496,475	-1.7	Rochester Institute of Technology (NY) .....	116	761,936	750,895	-1.4
Georgetown University (DC) .....	57	1,528,869	1,483,502	-3.0	Medical College of Wisconsin .....	117	778,315	748,862	-3.8
Washington and Lee University (VA) .....	58	1,471,274	1,472,485	0.1	University of Louisville (KY) .....	118	844,288	738,982	-12.5
University of Florida .....	59	1,556,155	1,461,815	-6.1	Carleton College (MN) .....	119	783,456	738,136	-5.8
Texas Christian University .....	60	1,486,003	1,407,057	-5.3	Denison University (OH) .....	120	812,300	723,803	-10.9

†Not applicable.

<sup>1</sup>Institutions ranked by size of endowment at end of 2016 fiscal year.

<sup>2</sup>Change in market value of endowment. Includes growth from gifts and institutions on investments, as well as reductions from expenditures and withdrawals.

NOTE: Degree-granting institutions grant associate's or higher degrees and participate in Title IV federal financial aid programs.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), Spring 2017, Finance component. (This table was prepared June 2018.)

**Table 334.10. Total expenditures of public degree-granting postsecondary institutions, by purpose of expenditure and level of institution: 2009–10 through 2015–16**

Level of institution and year	Instruction			Research	Public service	Academic support	Student services	Institutional support	Net grant aid to students <sup>1</sup>	Auxiliary enterprises <sup>2</sup>	Hospitals	Independent operations	Other
	Total	Total <sup>3</sup>	Salaries and wages										
1	2	3	4	5	6	7	8	9	10	11	12	13	14
In thousands of current dollars													
<b>All levels</b>													
2009–10.....	\$281,390,445	\$89,237,995	\$51,808,563	\$32,270,072	\$12,980,154	\$22,788,482	\$15,661,212	\$27,554,866	\$15,494,246	\$25,981,203	\$28,484,978	\$1,310,925	\$9,626,291
2010–11.....	296,862,854	93,090,749	53,586,472	33,866,656	13,426,331	23,441,698	16,276,833	29,051,411	17,487,275	27,649,838	29,980,642	1,233,264	11,358,158
2011–12.....	305,537,590	95,093,836	54,341,187	34,282,999	13,567,337	24,712,457	17,019,195	29,512,479	16,611,881	28,475,340	33,063,066	1,297,507	11,901,492
2012–13.....	311,421,148	97,716,338	55,555,358	34,634,474	13,495,216	25,725,240	17,679,256	30,850,117	16,227,767	29,002,556	34,208,788	1,320,284	10,561,112
2013–14.....	323,893,053	101,281,681	57,591,057	34,407,750	13,906,406	27,038,128	18,668,134	32,398,315	15,978,858	30,031,093	36,965,327	1,512,402	11,704,959
2014–15.....	335,630,086	105,240,912	59,348,073	35,189,410	14,105,428	28,349,420	19,545,937	33,290,396	15,881,788	31,011,138	39,887,678	1,603,180	11,524,799
2015–16.....	354,696,909	108,162,492	61,756,643	36,090,051	14,739,842	29,588,005	20,252,752	34,431,764	15,512,571	31,372,404	45,053,249	1,688,715	17,805,062
<b>4-year</b>													
2009–10.....	230,212,346	67,643,385	39,032,863	32,246,034	12,071,239	18,517,775	10,439,050	19,637,465	9,103,655	23,267,303	28,484,978	1,310,925	7,490,538
2010–11.....	242,591,219	70,524,278	40,420,752	33,842,288	12,497,023	19,037,101	10,918,171	20,760,495	10,088,873	24,856,936	29,980,642	1,233,264	8,852,149
2011–12.....	251,518,494	72,456,621	41,334,687	34,259,475	12,635,035	20,246,241	11,548,269	21,042,773	9,737,295	25,720,831	33,063,066	1,297,507	9,511,380
2012–13.....	257,550,418	74,836,904	42,537,154	34,613,057	12,608,770	21,150,882	12,114,278	22,151,644	9,823,162	26,335,976	34,208,788	1,320,284	8,366,673
2013–14.....	269,871,401	78,181,765	44,567,486	34,381,434	13,042,105	22,291,975	12,983,254	23,519,705	9,914,507	27,469,515	36,965,327	1,512,402	9,609,411
2014–15.....	281,198,453	81,857,112	46,260,575	35,166,043	13,257,351	23,504,976	13,595,835	24,290,848	10,057,062	28,543,769	39,887,678	1,603,180	9,434,598
2015–16.....	301,205,293	85,817,394	48,794,209	36,064,611	13,938,322	24,907,365	14,419,576	25,575,659	10,401,707	29,137,851	45,053,249	1,688,715	14,200,844
<b>2-year</b>													
2009–10.....	51,178,098	21,594,609	12,775,700	24,038	908,915	4,270,708	5,222,163	7,917,422	6,390,591	2,713,901	0	0	2,135,752
2010–11.....	54,271,635	22,566,471	13,165,721	24,368	929,308	4,404,597	5,358,662	8,290,916	7,398,402	2,792,902	0	0	2,506,009
2011–12.....	54,019,096	22,637,215	13,006,500	23,525	932,302	4,466,216	5,470,926	8,469,706	6,874,585	2,754,509	0	0	2,390,112
2012–13.....	53,870,729	22,879,434	13,018,204	21,417	886,446	4,574,358	5,564,978	8,698,474	6,404,605	2,666,580	0	0	2,174,439
2013–14.....	54,021,651	23,099,916	13,023,571	26,316	864,300	4,746,153	5,684,879	8,878,610	6,064,351	2,561,577	0	0	2,095,548
2014–15.....	54,431,633	23,383,800	13,087,499	23,367	848,077	4,844,444	5,950,102	8,999,548	5,824,726	2,467,368	0	0	2,090,201
2015–16.....	53,491,616	22,345,098	12,962,434	25,440	801,520	4,680,641	5,833,176	8,856,106	5,110,864	2,234,553	0	0	3,604,219
Percentage distribution													
<b>All levels</b>													
2009–10.....	100.00	31.71	18.41	11.47	4.61	8.10	5.57	9.79	5.51	9.23	10.12	0.47	3.42
2010–11.....	100.00	31.36	18.05	11.41	4.52	7.90	5.48	9.79	5.89	9.31	10.10	0.42	3.83
2011–12.....	100.00	31.12	17.79	11.22	4.44	8.09	5.57	9.66	5.44	9.32	10.82	0.42	3.90
2012–13.....	100.00	31.38	17.84	11.12	4.33	8.26	5.68	9.91	5.21	9.31	10.98	0.42	3.39
2013–14.....	100.00	31.27	17.78	10.62	4.29	8.35	5.76	10.00	4.93	9.27	11.41	0.47	3.61
2014–15.....	100.00	31.36	17.68	10.48	4.20	8.45	5.82	9.92	4.73	9.24	11.88	0.48	3.43
2015–16.....	100.00	30.49	17.41	10.17	4.16	8.34	5.71	9.71	4.37	8.84	12.70	0.48	5.02
<b>4-year</b>													
2009–10.....	100.00	29.38	16.96	14.01	5.24	8.04	4.53	8.53	3.95	10.11	12.37	0.57	3.25
2010–11.....	100.00	29.07	16.66	13.95	5.15	7.85	4.50	8.56	4.16	10.25	12.36	0.51	3.65
2011–12.....	100.00	28.81	16.43	13.62	5.02	8.05	4.59	8.37	3.87	10.23	13.15	0.52	3.78
2012–13.....	100.00	29.06	16.52	13.44	4.90	8.21	4.70	8.60	3.81	10.23	13.28	0.51	3.26
2013–14.....	100.00	28.97	16.51	12.74	4.83	8.26	4.81	8.72	3.67	10.18	13.70	0.56	3.56
2014–15.....	100.00	29.11	16.45	12.51	4.71	8.36	4.83	8.64	3.58	10.15	14.18	0.57	3.36
2015–16.....	100.00	28.49	16.20	11.97	4.63	8.27	4.79	8.49	3.45	9.67	14.96	0.56	4.71
<b>2-year</b>													
2009–10.....	100.00	42.20	24.96	0.05	1.78	8.34	10.20	15.47	12.49	5.30	0.00	0.00	4.17
2010–11.....	100.00	41.58	24.26	0.04	1.71	8.12	9.87	15.28	13.63	5.15	0.00	0.00	4.62
2011–12.....	100.00	41.91	24.08	0.04	1.73	8.27	10.13	15.68	12.73	5.10	0.00	0.00	4.42
2012–13.....	100.00	42.47	24.17	0.04	1.65	8.49	10.33	16.15	11.89	4.95	0.00	0.00	4.04
2013–14.....	100.00	42.76	24.11	0.05	1.60	8.79	10.52	16.44	11.23	4.74	0.00	0.00	3.88
2014–15.....	100.00	42.96	24.04	0.04	1.56	8.90	10.93	16.53	10.70	4.53	0.00	0.00	3.84
2015–16.....	100.00	41.77	24.23	0.05	1.50	8.75	10.90	16.56	9.55	4.18	0.00	0.00	6.74

See notes at end of table.

**Table 334.10. Total expenditures of public degree-granting postsecondary institutions, by purpose of expenditure and level of institution: 2009–10 through 2015–16—Continued**

Level of institution and year	Total	Instruction		Research	Public service	Academic support	Student services	Institutional support	Net grant aid to students <sup>1</sup>	Auxiliary enterprises <sup>2</sup>	Hospitals	Independent operations	Other
		Total <sup>3</sup>	Salaries and wages										
1	2	3	4	5	6	7	8	9	10	11	12	13	14
Expenditure per full-time-equivalent student in constant 2016–17 dollars <sup>4</sup>													
<b>All levels</b>													
2009–10.....	\$29,316	\$9,297	\$5,397	\$3,362	\$1,352	\$2,374	\$1,632	\$2,871	\$1,614	\$2,707	\$2,968	\$137	\$1,003
2010–11.....	29,570	9,273	5,338	3,373	1,337	2,335	1,621	2,894	1,742	2,754	2,986	123	1,131
2011–12.....	29,740	9,256	5,289	3,337	1,321	2,405	1,657	2,873	1,617	2,772	3,218	126	1,158
2012–13.....	30,295	9,506	5,404	3,369	1,313	2,503	1,720	3,001	1,579	2,821	3,328	128	1,027
2013–14.....	31,267	9,777	5,560	3,322	1,342	2,610	1,802	3,128	1,543	2,899	3,568	146	1,130
2014–15.....	32,389	10,156	5,727	3,396	1,361	2,736	1,886	3,213	1,533	2,993	3,849	155	1,112
2015–16.....	34,176	10,422	5,950	3,477	1,420	2,851	1,951	3,318	1,495	3,023	4,341	163	1,716
<b>4-year</b>													
2009–10.....	39,946	11,737	6,773	5,595	2,095	3,213	1,811	3,407	1,580	4,037	4,943	227	1,300
2010–11.....	40,125	11,665	6,686	5,598	2,067	3,149	1,806	3,434	1,669	4,111	4,959	204	1,464
2011–12.....	39,827	11,473	6,545	5,425	2,001	3,206	1,829	3,332	1,542	4,073	5,235	205	1,506
2012–13.....	39,936	11,604	6,596	5,367	1,955	3,280	1,878	3,435	1,523	4,084	5,304	205	1,300
2013–14.....	41,041	11,889	6,778	5,229	1,983	3,390	1,974	3,577	1,508	4,177	5,621	230	1,461
2014–15.....	41,832	12,177	6,882	5,231	1,972	3,497	2,023	3,614	1,496	4,246	5,934	238	1,404
2015–16.....	44,009	12,539	7,129	5,269	2,037	3,639	2,107	3,737	1,520	4,257	6,583	247	2,075
<b>2-year</b>													
2009–10.....	13,343	5,630	3,331	6	237	1,113	1,362	2,064	1,666	708	0	0	557
2010–11.....	13,590	5,651	3,297	6	233	1,103	1,342	2,076	1,853	699	0	0	628
2011–12.....	13,648	5,719	3,286	6	236	1,128	1,382	2,140	1,737	696	0	0	604
2012–13.....	14,064	5,973	3,399	6	231	1,194	1,453	2,271	1,672	696	0	0	568
2013–14.....	14,279	6,106	3,442	7	228	1,255	1,503	2,347	1,603	677	0	0	554
2014–15.....	14,953	6,424	3,595	6	233	1,331	1,635	2,472	1,600	678	0	0	574
2015–16.....	15,134	6,322	3,667	7	227	1,324	1,650	2,506	1,446	632	0	0	1,020

<sup>1</sup>Scholarship and fellowship expenses, net of discounts and allowances. Excludes the amount of discounts and allowances that were recorded as a reduction to revenues from tuition, fees, and auxiliary enterprises, such as room, board, and books.

<sup>2</sup>Essentially self-supporting operations of institutions that furnish a service to students, faculty, or staff, such as residence halls and food services.

<sup>3</sup>Includes other categories not separately shown.

<sup>4</sup>Constant dollars based on the Consumer Price Index, prepared by the Bureau of Labor Statistics, U.S. Department of Labor, adjusted to a school-year basis.

NOTE: Degree-granting institutions grant associate's or higher degrees and participate in Title IV federal financial aid programs. Includes data for public institutions reporting data according to either the Governmental Accounting Standards Board (GASB) or the Financial Accounting Standards Board (FASB) questionnaire. Data in this table pertain to institutions' fiscal years that end in the academic year noted. Some data have been revised from previously published figures. Detail may not sum to totals because of rounding.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), Spring 2010 through Spring 2016, Fall Enrollment component; and Spring 2011 through Spring 2017, Finance component. (This table was prepared January 2018.)

**Table 334.20. Total expenditures of public degree-granting postsecondary institutions, by level of institution, purpose of expenditure, and state or jurisdiction: 2012–13 through 2015–16**

[In thousands of current dollars]

State or jurisdiction	Total, 2012–13	Total, 2013–14	Total, 2014–15			2015–16					
			All institutions	4-year institutions	2-year institutions	All institutions		4-year institutions		2-year institutions	
						Total <sup>1</sup>	Instruction	Total <sup>1</sup>	Instruction	Total <sup>1</sup>	Instruction
1	2	3	4	5	6	7	8	9	10	11	12
<b>United States</b> .....	<b>\$311,421,148</b>	<b>\$323,893,053</b>	<b>\$335,630,086</b>	<b>\$281,198,453</b>	<b>\$54,431,633</b>	<b>\$354,696,909</b>	<b>\$108,162,492</b>	<b>\$301,205,293</b>	<b>\$85,817,394</b>	<b>\$53,491,616</b>	<b>\$22,345,098</b>
Alabama.....	6,499,646	6,762,386	6,961,128	6,239,095	722,033	7,306,483	1,764,427	6,594,968	1,464,019	711,515	300,408
Alaska.....	845,578	852,991	850,928	834,023	16,905	868,913	274,880	851,184	268,469	17,729	6,411
Arizona.....	5,372,323	5,600,337	5,931,197	4,475,829	1,455,368	6,296,207	2,028,621	4,868,738	1,472,246	1,427,469	556,375
Arkansas.....	3,614,017	3,704,888	3,800,707	3,327,545	473,162	3,934,428	922,589	3,475,267	734,894	459,160	187,695
California.....	45,911,497	47,558,693	50,652,807	38,353,394	12,299,413	55,642,923	15,102,876	43,924,762	10,803,040	11,718,161	4,299,836
Colorado.....	5,342,995	5,698,854	6,109,407	5,499,901	609,506	6,587,748	2,103,797	6,053,445	1,882,474	534,303	221,323
Connecticut.....	3,030,961	3,295,856	3,496,698	2,985,890	510,808	3,662,471	1,194,069	3,144,397	981,780	518,073	212,290
Delaware.....	1,121,660	1,153,297	1,190,562	1,031,773	158,789	1,247,600	543,392	1,247,600	543,392	0	0
District of Columbia.....	141,338	134,230	139,524	139,524	0	147,290	44,552	147,290	44,552	0	0
Florida.....	10,659,595	11,087,586	11,511,020	11,188,111	322,909	11,822,548	4,139,086	11,617,507	4,059,284	205,040	79,802
Georgia.....	7,409,996	7,564,411	7,826,896	6,858,149	968,747	8,050,634	2,447,115	7,146,084	2,052,857	904,550	394,257
Hawaii.....	1,647,129	1,680,041	1,664,624	1,408,501	256,123	1,816,736	587,294	1,493,946	445,814	322,790	141,480
Idaho.....	1,182,070	1,188,089	1,203,133	1,003,137	199,996	1,255,012	454,811	1,051,096	373,667	203,916	81,143
Illinois.....	11,600,968	11,779,510	12,195,375	8,966,000	3,199,375	12,356,199	4,024,178	9,115,241	2,772,338	3,240,958	1,251,840
Indiana.....	6,227,063	6,395,776	6,372,728	5,805,466	567,262	6,563,583	2,654,276	6,001,263	2,458,869	562,320	195,407
Iowa.....	4,848,735	5,052,485	5,261,496	4,334,533	926,964	5,512,712	1,229,934	4,580,597	818,942	932,115	410,992
Kansas.....	3,306,016	3,367,894	3,451,776	2,700,915	750,860	3,436,996	1,204,673	2,683,309	919,555	753,086	285,118
Kentucky.....	5,180,837	5,235,067	5,547,286	4,899,767	647,519	5,875,623	1,358,344	5,259,041	1,110,020	616,582	248,325
Louisiana.....	4,151,993	4,010,882	3,910,077	3,410,384	499,693	3,883,693	1,270,262	3,398,545	1,069,437	485,149	200,824
Maine.....	851,113	859,812	864,068	730,897	133,171	849,532	278,916	718,365	212,440	131,167	66,477
Maryland.....	5,979,533	6,228,564	6,343,340	4,907,930	1,435,410	6,502,220	2,037,111	5,057,411	1,402,997	1,444,810	634,115
Massachusetts.....	4,442,564	4,703,032	4,758,073	3,871,623	886,450	5,170,533	1,715,022	4,268,703	1,331,497	901,830	383,525
Michigan.....	13,788,987	14,155,072	14,627,268	12,989,875	1,637,392	15,328,208	4,288,608	13,839,944	3,628,920	1,488,264	659,688
Minnesota.....	5,019,669	5,271,821	5,215,646	4,185,808	1,029,838	5,303,793	1,704,211	4,274,251	1,208,418	1,029,542	495,793
Mississippi.....	3,855,187	4,017,008	4,171,973	3,286,880	885,093	4,451,207	1,113,916	3,564,424	756,892	886,783	357,024
Missouri.....	4,619,674	4,772,178	4,904,991	4,164,814	740,177	5,010,347	1,529,499	4,262,222	1,209,689	748,125	319,811
Montana.....	992,536	1,012,355	1,022,708	898,584	124,123	1,046,082	317,114	923,655	274,519	122,427	42,595
Nebraska.....	2,226,961	2,312,160	2,398,348	1,990,244	408,104	2,450,500	799,542	2,025,782	607,887	424,717	191,655
Nevada.....	1,442,757	1,508,447	1,544,133	1,473,329	70,804	1,621,662	690,604	1,549,281	662,053	72,381	28,551
New Hampshire.....	901,393	963,995	973,796	817,864	155,931	997,737	329,681	846,614	286,366	151,123	43,315
New Jersey.....	5,474,962	7,090,602	7,266,925	5,961,560	1,305,366	7,475,200	2,673,226	6,181,563	2,171,555	1,293,637	501,671
New Mexico.....	3,252,357	3,316,771	3,454,803	2,807,490	617,313	3,523,749	784,968	2,914,924	505,740	608,825	249,223
New York.....	15,844,606	16,292,947	16,791,853	13,494,147	3,297,706	17,785,235	6,771,017	14,278,920	5,009,664	3,506,315	1,761,353
North Carolina.....	9,964,435	10,156,317	10,484,190	8,316,054	2,168,136	10,499,400	3,599,546	8,374,516	2,631,224	2,124,525	968,322
North Dakota.....	1,068,159	1,108,117	1,150,777	1,047,453	103,324	1,192,090	488,201	1,086,200	444,534	105,891	43,667
Ohio.....	12,192,518	12,303,835	12,534,515	11,108,369	1,426,145	13,257,601	3,961,174	11,873,068	3,351,949	1,384,533	609,225
Oklahoma.....	3,924,755	4,083,901	4,158,353	3,676,796	481,557	4,335,312	1,393,422	3,848,004	1,195,263	487,308	198,159
Oregon.....	5,744,633	6,000,874	6,483,944	4,822,125	1,021,819	7,035,785	1,715,709	5,721,335	1,194,397	1,314,451	521,312
Pennsylvania.....	12,176,869	12,566,618	13,046,794	11,862,813	1,183,981	13,752,080	3,793,459	12,574,953	3,274,850	1,177,126	518,609
Rhode Island.....	719,733	746,067	737,640	616,900	120,740	775,112	251,144	653,967	190,203	121,145	60,941
South Carolina.....	4,030,358	4,168,222	4,352,405	3,521,360	831,045	4,459,393	1,673,107	3,646,556	1,319,648	812,837	353,459
South Dakota.....	744,419	777,182	784,051	701,541	82,510	827,198	288,771	715,054	248,580	112,144	40,190
Tennessee.....	4,194,080	4,317,495	4,172,603	3,543,128	629,474	4,320,675	1,758,866	3,663,379	1,474,006	657,296	284,860
Texas.....	27,651,829	29,516,581	31,050,594	26,075,083	4,975,511	33,792,807	9,824,430	28,808,248	7,738,332	4,984,560	2,086,098
Utah.....	4,744,745	4,995,994	5,349,506	5,146,187	203,318	5,700,948	1,037,654	5,493,666	941,644	207,282	96,010
Vermont.....	843,550	853,311	854,406	820,354	34,052	865,326	269,679	832,631	259,008	32,694	10,672
Virginia.....	8,757,799	9,099,520	9,540,486	8,365,692	1,174,794	9,896,996	3,050,768	8,742,912	2,494,732	1,154,083	556,036
Washington.....	7,740,652	8,201,301	8,588,560	7,682,816	905,744	9,080,436	2,875,895	8,397,691	2,582,523	682,745	293,372
West Virginia.....	1,761,432	1,762,607	1,819,173	1,671,460	147,713	1,872,642	607,195	1,727,948	547,728	144,694	59,466
Wisconsin.....	6,044,715	6,344,382	6,285,882	4,953,701	1,332,181	6,566,464	2,384,509	5,306,895	1,656,854	1,259,569	727,655
Wyoming.....	744,748	761,062	798,626	501,350	297,276	878,588	270,070	572,717	161,346	305,871	108,724
U.S. Service Academies.....	1,585,003	1,501,631	1,662,286	1,662,286	0	1,805,213	536,282	1,805,213	536,282	0	0
<b>Other jurisdictions</b> .....	<b>1,681,508</b>	<b>1,699,654</b>	<b>1,638,670</b>	<b>1,553,259</b>	<b>85,411</b>	<b>1,691,461</b>	<b>563,175</b>	<b>1,599,359</b>	<b>531,082</b>	<b>92,102</b>	<b>32,093</b>
American Samoa.....	14,449	14,060	13,690	13,690	0	13,952	5,393	13,952	5,393	0	0
Federated States of Micronesia.....	22,472	27,695	18,324	0	18,324	20,070	7,387	0	0	20,070	7,387
Guam.....	129,808	136,246	116,302	81,853	34,449	127,659	30,485	90,922	18,924	36,736	11,561
Marshall Islands.....	13,552	15,117	11,382	0	11,382	13,731	2,565	0	0	13,731	2,565
Northern Marianas.....	18,031	17,849	19,048	19,048	0	16,502	2,009	16,502	2,009	0	0
Palau.....	7,756	9,834	10,209	0	10,209	9,425	3,468	0	0	9,425	3,468
Puerto Rico.....	1,393,668	1,400,211	1,362,861	1,351,813	11,048	1,406,463	495,281	1,394,323	488,169	12,140	7,112
U.S. Virgin Islands.....	81,772	78,643	86,855	86,855	0	83,659	16,587	83,659	16,587	0	0

<sup>1</sup>Includes other categories not separately shown.  
NOTE: Degree-granting institutions grant associate's or higher degrees and participate in Title IV federal financial aid programs. Includes data for public institutions reporting data according to either the Governmental Accounting Standards Board (GASB) or the Financial Accounting Standards Board (FASB) questionnaire. Data in this table pertain to institutions'

fiscal years that end in the academic year noted. Some data have been revised from previously published figures. Detail may not sum to totals because of rounding.  
SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), Spring 2014 through Spring 2017, Finance component. (This table was prepared January 2018.)

**Table 334.30. Total expenditures of private nonprofit degree-granting postsecondary institutions, by purpose and level of institution: Selected years, 1999–2000 through 2015–16**

Level of institution and year	Total	Instruction	Research	Public service	Academic support	Student services	Institutional support	Auxiliary enterprises <sup>1</sup>	Net grant aid to students <sup>2</sup>	Hospitals	Independent operations	Other
1	2	3	4	5	6	7	8	9	10	11	12	13
In thousands of current dollars												
<b>All levels</b>												
1999–2000	\$80,613,037	\$26,012,599	\$8,381,926	\$1,446,958	\$6,510,951	\$5,688,499	\$10,585,850	\$8,300,021	\$1,180,882	\$7,355,110	\$2,753,679	\$2,396,563
2002–03	99,748,076	32,062,218	11,079,532	1,878,380	8,156,688	7,096,223	13,157,744	9,936,478	1,173,845	7,586,208	3,879,736	3,741,024
2003–04	104,317,870	33,909,179	12,039,531	1,972,351	8,759,743	7,544,021	13,951,408	10,508,719	1,101,738	8,374,128	4,222,980	1,934,070
2004–05	110,394,127	36,258,473	12,812,857	2,000,347	9,342,064	8,191,737	14,690,328	10,944,342	1,069,591	9,180,775	4,223,779	1,679,741
2005–06	116,817,913	38,465,058	13,242,343	1,941,519	10,217,274	8,965,704	15,667,101	11,741,258	708,158	9,645,428	4,203,523	2,020,548
2006–07	124,557,725	41,223,483	13,704,450	2,036,588	10,882,028	9,591,334	16,831,353	12,451,087	728,139	10,400,055	4,680,393	2,028,816
2007–08	133,503,539	44,226,329	14,474,367	2,182,676	11,884,345	10,363,476	18,364,513	13,319,602	721,487	10,754,966	4,887,609	2,324,170
2008–09	141,363,564	46,456,178	15,264,804	2,298,520	12,585,948	11,016,097	19,403,346	13,713,701	754,752	11,930,840	5,158,480	2,780,898
2009–10	145,115,244	47,566,210	16,221,823	2,090,243	12,953,023	11,422,737	19,438,608	13,890,396	826,379	13,174,405	5,154,851	2,376,569
2010–11	152,501,429	49,759,574	17,362,082	2,255,075	13,601,137	12,198,263	20,214,683	14,460,084	759,683	14,239,347	5,376,016	2,275,486
2011–12	159,831,378	52,163,647	17,483,157	2,333,298	14,215,689	12,881,102	21,175,119	14,948,315	845,525	15,474,737	5,450,038	2,860,752
2012–13	165,515,671	54,296,267	17,597,379	2,317,116	14,924,886	13,692,561	21,766,760	15,349,949	844,435	16,726,819	5,437,783	2,521,716
2013–14	172,529,736	56,711,775	17,736,647	2,459,956	15,454,943	14,555,421	22,623,170	15,984,991	867,482	17,377,766	5,693,990	3,064,047
2014–15	181,419,541	58,769,788	18,310,027	2,636,019	15,557,155	15,421,897	23,845,927	16,358,009	887,495	20,529,450	6,063,555	3,040,219
2015–16	188,698,325	60,202,537	18,384,325	2,729,863	16,008,995	16,043,733	24,829,201	16,717,507	917,639	21,267,887	6,209,651	5,386,987
<b>4-year</b>												
1999–2000	79,699,659	25,744,199	8,376,568	1,438,544	6,476,338	5,590,978	10,398,914	8,228,409	1,162,570	7,355,110	2,752,019	2,176,011
2002–03	99,137,236	31,866,310	11,079,332	1,871,274	8,122,181	7,014,149	12,996,836	9,876,937	1,161,441	7,586,208	3,854,471	3,708,098
2003–04	103,793,257	33,712,542	12,039,080	1,964,898	8,726,505	7,466,647	13,774,084	10,484,984	1,084,880	8,374,128	4,221,611	1,904,075
2004–05	109,789,731	36,051,084	12,812,326	1,983,767	9,307,600	8,101,214	14,516,197	10,899,456	1,051,216	9,180,775	4,223,779	1,652,317
2005–06	116,247,359	38,249,125	13,241,769	1,931,804	10,177,381	8,894,330	15,524,004	11,696,510	699,462	9,645,428	4,203,523	1,984,024
2006–07	124,061,478	41,056,590	13,703,502	2,028,364	10,850,270	9,522,535	16,693,987	12,414,609	714,398	10,400,055	4,680,393	1,996,775
2007–08	132,967,352	44,041,162	14,473,394	2,176,695	11,847,922	10,286,780	18,216,170	13,281,694	711,903	10,754,966	4,887,609	2,289,058
2008–09	140,866,945	46,289,898	15,264,459	2,294,909	12,544,436	10,947,638	19,261,017	13,676,329	747,586	11,930,840	5,158,480	2,751,352
2009–10	144,624,598	47,400,673	16,221,238	2,085,201	12,910,113	11,353,608	19,303,251	13,855,994	819,196	13,174,405	5,154,851	2,346,068
2010–11	151,878,613	49,550,398	17,361,796	2,252,726	13,547,801	12,111,973	20,048,321	14,430,101	758,318	14,239,347	5,376,016	2,201,817
2011–12	159,245,924	51,959,761	17,482,484	2,331,249	14,164,326	12,795,619	21,024,665	14,924,702	843,453	15,474,737	5,450,038	2,794,891
2012–13	165,015,452	54,115,153	17,597,050	2,315,345	14,885,715	13,624,969	21,628,217	15,323,444	839,753	16,726,819	5,437,783	2,521,204
2013–14	171,974,051	56,513,597	17,736,254	2,458,223	15,405,771	14,462,852	22,499,365	15,953,094	863,119	17,377,766	5,693,990	3,010,020
2014–15	180,583,663	58,497,366	18,309,351	2,633,736	15,460,861	15,226,681	23,669,210	16,323,295	883,309	20,529,450	6,063,555	2,986,850
2015–16	187,837,898	59,934,134	18,383,358	2,727,534	15,904,273	15,829,324	24,653,787	16,677,847	914,093	21,267,887	6,209,651	5,336,009
<b>2-year</b>												
1999–2000	913,378	268,400	5,358	8,415	34,612	97,521	186,936	71,612	18,311	0	1,660	220,553
2002–03	610,840	195,909	200	7,106	34,506	82,074	160,908	59,541	12,404	0	25,265	32,926
2003–04	584,612	196,637	451	7,453	33,238	77,549	177,324	43,735	16,859	0	1,369	29,995
2004–05	604,395	207,389	532	6,670	34,464	90,523	174,131	44,886	18,375	0	0	27,425
2005–06	570,554	215,934	574	9,715	39,893	71,374	143,096	44,748	8,696	0	0	36,524
2006–07	496,247	166,893	947	8,224	31,758	68,799	137,366	36,478	13,741	0	0	32,041
2007–08	536,187	185,167	973	5,982	36,423	76,696	148,343	37,908	9,584	0	0	35,112
2008–09	496,620	166,280	345	3,612	41,511	68,459	142,330	37,372	7,165	0	0	29,546
2009–10	490,645	165,538	585	5,041	42,909	69,129	135,357	34,402	7,183	0	0	30,502
2010–11	622,815	209,176	285	2,349	53,336	86,290	166,362	29,983	1,365	0	0	73,669
2011–12	585,454	203,885	673	2,049	51,363	85,483	150,455	23,613	2,072	0	0	65,861
2012–13	500,218	181,113	329	1,771	39,171	67,591	138,543	26,505	4,682	0	0	40,512
2013–14	555,685	198,178	393	1,732	48,722	92,569	123,804	31,897	4,364	0	0	54,027
2014–15	835,878	272,422	677	2,283	96,294	195,216	176,718	34,714	4,186	0	0	53,369
2015–16	860,427	268,402	967	2,329	104,722	214,409	175,414	39,660	3,546	0	0	50,978
Percentage distribution												
<b>All levels</b>												
1999–2000	100.00	32.27	10.40	1.79	8.08	7.06	13.13	10.30	1.46	9.12	3.42	2.97
2002–03	100.00	32.14	11.11	1.88	8.18	7.11	13.19	9.96	1.18	7.61	3.89	3.75
2003–04	100.00	32.51	11.54	1.89	8.40	7.23	13.37	10.07	1.06	8.03	4.05	1.85
2004–05	100.00	32.84	11.61	1.81	8.46	7.42	13.31	9.91	0.97	8.32	3.83	1.52
2005–06	100.00	32.93	11.34	1.66	8.75	7.67	13.41	10.05	0.61	8.26	3.60	1.73
2006–07	100.00	33.10	11.00	1.64	8.74	7.70	13.51	10.00	0.58	8.35	3.76	1.63
2007–08	100.00	33.13	10.84	1.63	8.90	7.76	13.76	9.98	0.54	8.06	3.66	1.74
2008–09	100.00	32.86	10.80	1.63	8.90	7.79	13.73	9.70	0.53	8.44	3.65	1.97
2009–10	100.00	32.78	11.18	1.44	8.93	7.87	13.40	9.57	0.57	9.08	3.55	1.64
2010–11	100.00	32.63	11.38	1.48	8.92	8.00	13.26	9.48	0.50	9.34	3.53	1.49
2011–12	100.00	32.64	10.94	1.46	8.89	8.06	13.25	9.35	0.53	9.68	3.41	1.79
2012–13	100.00	32.80	10.63	1.40	9.02	8.27	13.15	9.27	0.51	10.11	3.29	1.55
2013–14	100.00	32.87	10.28	1.43	8.96	8.44	13.11	9.27	0.50	10.07	3.30	1.78
2014–15	100.00	32.39	10.09	1.45	8.58	8.50	13.14	9.02	0.49	11.32	3.34	1.68
2015–16	100.00	31.90	9.74	1.45	8.48	8.50	13.16	8.86	0.49	11.27	3.29	2.85
<b>4-year</b>												
1999–2000	100.00	32.30	10.51	1.80	8.13	7.02	13.05	10.32	1.46	9.23	3.45	2.73
2002–03	100.00	32.14	11.18	1.89	8.19	7.08	13.11	9.96	1.17	7.65	3.89	3.74
2003–04	100.00	32.50	11.61	1.89	8.41	7.20	13.28	10.09	1.05	8.07	4.07	1.84
2004–05	100.00	32.84	11.67	1.82	8.48	7.38	13.22	9.93	0.96	8.36	3.85	1.50
2005–06	100.00	32.90	11.39	1.66	8.75	7.65	13.35	10.06	0.60	8.30	3.62	1.71
2006–07	100.00	33.09	11.05	1.63	8.75	7.68	13.46	10.01	0.58			

**Table 334.30. Total expenditures of private nonprofit degree-granting postsecondary institutions, by purpose and level of institution: Selected years, 1999–2000 through 2015–16—Continued**

Level of institution and year	Total	Instruction	Research	Public service	Academic support	Student services	Institutional support	Auxiliary enterprises <sup>1</sup>	Net grant aid to students <sup>2</sup>	Hospitals	Independent operations	Other
1	2	3	4	5	6	7	8	9	10	11	12	13
<b>2-year</b>												
1999–2000.....	100.00	29.39	0.59	0.92	3.79	10.68	20.47	7.84	2.00	0.00	0.18	24.15
2002–03.....	100.00	32.07	0.03	1.16	5.65	13.44	26.34	9.75	2.03	0.00	4.14	5.39
2003–04.....	100.00	33.64	0.08	1.27	5.69	13.27	30.33	7.48	2.88	0.00	0.23	5.13
2004–05.....	100.00	34.31	0.09	1.10	5.70	14.98	28.81	7.43	3.04	0.00	0.00	4.54
2005–06.....	100.00	37.85	0.10	1.70	6.99	12.51	25.08	7.84	1.52	0.00	0.00	6.40
2006–07.....	100.00	33.63	0.19	1.66	6.40	13.86	27.68	7.35	2.77	0.00	0.00	6.46
2007–08.....	100.00	34.53	0.18	1.12	6.79	14.30	27.67	7.07	1.79	0.00	0.00	6.55
2008–09.....	100.00	33.48	0.07	0.73	8.36	13.78	28.66	7.53	1.44	0.00	0.00	5.95
2009–10.....	100.00	33.74	0.12	1.03	8.75	14.09	27.59	7.01	1.46	0.00	0.00	6.22
2010–11.....	100.00	33.59	0.05	0.38	8.56	13.85	26.71	4.81	0.22	0.00	0.00	11.83
2011–12.....	100.00	34.83	0.11	0.35	8.77	14.60	25.70	4.03	0.35	0.00	0.00	11.25
2012–13.....	100.00	36.21	0.07	0.35	7.83	13.51	27.70	5.30	0.94	0.00	0.00	8.10
2013–14.....	100.00	35.66	0.07	0.31	8.77	16.66	22.28	5.74	0.79	0.00	0.00	9.72
2014–15.....	100.00	32.59	0.08	0.27	11.52	23.35	21.14	4.15	0.50	0.00	0.00	6.38
2015–16.....	100.00	31.19	0.11	0.27	12.17	24.92	20.39	4.61	0.41	0.00	0.00	5.92
Expenditure per full-time-equivalent student in constant 2016–17 dollars <sup>3</sup>												
<b>All levels</b>												
1999–2000.....	\$45,510	\$14,686	\$4,732	\$817	\$3,676	\$3,211	\$5,976	\$4,686	\$667	\$4,152	\$1,555	\$1,353
2002–03.....	48,607	15,624	5,399	915	3,975	3,458	6,412	4,842	572	3,697	1,891	1,823
2003–04.....	48,559	15,785	5,604	918	4,078	3,512	6,494	4,892	513	3,898	1,966	900
2004–05.....	48,700	15,995	5,652	882	4,121	3,614	6,481	4,828	472	4,050	1,863	741
2005–06.....	48,967	16,124	5,551	814	4,283	3,758	6,567	4,922	297	4,043	1,762	847
2006–07.....	49,996	16,547	5,501	817	4,368	3,850	6,756	4,998	292	4,174	1,879	814
2007–08.....	50,408	16,699	5,465	824	4,487	3,913	6,934	5,029	272	4,061	1,845	878
2008–09.....	51,838	17,036	5,598	843	4,615	4,040	7,115	5,029	277	4,375	1,892	1,020
2009–10.....	51,333	16,826	5,738	739	4,582	4,041	6,876	4,914	292	4,660	1,823	841
2010–11.....	50,955	16,626	5,801	753	4,545	4,076	6,754	4,831	254	4,758	1,796	760
2011–12.....	51,435	16,787	5,626	751	4,575	4,145	6,814	4,811	272	4,980	1,754	921
2012–13.....	51,798	16,992	5,507	725	4,671	4,285	6,812	4,804	264	5,235	1,702	802
2013–14.....	53,087	17,450	5,458	757	4,755	4,479	6,961	4,919	267	5,347	1,752	943
2014–15.....	54,608	17,690	5,511	793	4,683	4,642	7,178	4,924	267	6,179	1,825	915
2015–16.....	55,980	17,860	5,454	810	4,749	4,760	7,366	4,960	272	6,309	1,842	1,598
<b>4-year</b>												
1999–2000.....	45,959	14,845	4,830	830	3,735	3,224	5,997	4,745	670	4,241	1,587	1,255
2002–03.....	48,959	15,737	5,472	924	4,011	3,464	6,418	4,878	574	3,746	1,904	1,831
2003–04.....	48,903	15,893	5,676	926	4,114	3,520	6,494	4,934	511	3,948	1,990	898
2004–05.....	49,022	16,097	5,721	890	4,156	3,617	6,482	4,867	469	4,099	1,886	738
2005–06.....	49,258	16,207	5,611	819	4,312	3,769	6,578	4,956	296	4,087	1,781	841
2006–07.....	50,229	16,623	5,548	821	4,393	3,855	6,759	5,026	289	4,211	1,895	808
2007–08.....	50,656	16,778	5,514	829	4,514	3,919	6,940	5,060	271	4,097	1,862	872
2008–09.....	52,095	17,119	5,645	849	4,639	4,049	7,123	5,058	276	4,412	1,908	1,017
2009–10.....	51,579	16,905	5,785	744	4,604	4,049	6,884	4,942	292	4,699	1,838	837
2010–11.....	51,291	16,734	5,863	761	4,575	4,090	6,771	4,873	256	4,809	1,816	744
2011–12.....	51,755	16,887	5,682	758	4,603	4,159	6,833	4,851	274	5,029	1,771	908
2012–13.....	52,077	17,078	5,553	731	4,698	4,300	6,826	4,836	265	5,279	1,716	796
2013–14.....	53,344	17,530	5,502	763	4,779	4,486	6,979	4,948	268	5,390	1,766	934
2014–15.....	55,084	17,844	5,585	803	4,716	4,645	7,220	4,979	269	6,262	1,850	911
2015–16.....	56,401	17,996	5,520	819	4,775	4,753	7,403	5,008	274	6,386	1,865	1,602
<b>2-year</b>												
1999–2000.....	24,580	7,223	144	226	931	2,624	5,031	1,927	493	0	45	5,935
2002–03.....	22,447	7,199	7	261	1,268	3,016	5,913	2,188	456	0	928	1,210
2003–04.....	21,595	7,263	17	275	1,228	2,865	6,550	1,616	623	0	51	1,108
2004–05.....	22,219	7,624	20	245	1,267	3,328	6,401	1,650	676	0	0	1,008
2005–06.....	22,242	8,418	22	379	1,555	2,782	5,578	1,744	339	0	0	1,424
2006–07.....	23,177	7,795	44	384	1,483	3,213	6,416	1,704	642	0	0	1,496
2007–08.....	22,772	7,864	41	254	1,547	3,257	6,300	1,610	407	0	0	1,491
2008–09.....	21,624	7,240	15	157	1,807	2,981	6,197	1,627	312	0	0	1,286
2009–10.....	21,302	7,187	25	219	1,863	3,001	5,877	1,494	312	0	0	1,324
2010–11.....	19,598	6,582	9	74	1,678	2,715	5,235	943	43	0	0	2,318
2011–12.....	19,180	6,680	22	67	1,683	2,801	4,929	774	68	0	0	2,158
2012–13.....	18,718	6,777	12	66	1,466	2,529	5,184	992	175	0	0	1,516
2013–14.....	21,322	7,604	15	66	1,869	3,552	4,750	1,224	167	0	0	2,073
2014–15.....	19,048	6,208	15	52	2,194	4,449	4,027	791	95	0	0	1,216
2015–16.....	21,305	6,646	24	58	2,593	5,309	4,343	982	88	0	0	1,262

<sup>1</sup>Essentially self-supporting operations of institutions that furnish a service to students, faculty, or staff, such as residence halls and food services.

<sup>2</sup>Excludes tuition, fee, and auxiliary enterprise allowances and agency transactions, such as student awards made from contributed funds or grant funds. These exclusions account for the majority of total student grants.

<sup>3</sup>Constant dollars based on the Consumer Price Index, prepared by the Bureau of Labor Statistics, U.S. Department of Labor, adjusted to a school-year basis.

NOTE: Degree-granting institutions grant associate's or higher degrees and participate in Title IV federal financial aid programs. Data in this table pertain to institutions' fiscal years

that end in the academic year noted. Some data have been revised from previously published figures. Detail may not sum to totals because of rounding.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), "Fall Enrollment Survey" (IPEDS-EF:99); Spring 2002 through Spring 2007, Enrollment component; Spring 2008 through Spring 2016, Fall Enrollment component; and Spring 2002 through Spring 2017, Finance component. (This table was prepared January 2018.)

**Table 334.40. Total expenditures of private nonprofit degree-granting postsecondary institutions, by purpose and classification of institution: 2015–16**

Classification of institution	Total	Instruction	Research	Public service	Academic support	Student services	Institutional support	Auxiliary enterprises <sup>1</sup>	Net grant aid to students <sup>2</sup>	Hospitals	Independent operations	Other
1	2	3	4	5	6	7	8	9	10	11	12	13
In thousands of current dollars												
<b>Total</b> .....	<b>\$188,698,325</b>	<b>\$60,202,537</b>	<b>\$18,384,325</b>	<b>\$2,729,863</b>	<b>\$16,008,995</b>	<b>\$16,043,733</b>	<b>\$24,829,201</b>	<b>\$16,717,507</b>	<b>\$917,639</b>	<b>\$21,267,887</b>	<b>\$6,209,651</b>	<b>\$5,386,987</b>
4-year.....	187,837,898	59,934,134	18,383,358	2,727,534	15,904,273	15,829,324	24,653,787	16,677,847	914,093	21,267,887	6,209,651	5,336,009
Research university, very high <sup>3</sup> ....	89,841,309	27,702,729	14,417,906	939,702	6,095,083	3,571,206	8,043,773	5,856,348	630,179	14,648,717	4,753,846	3,181,819
Research university, high <sup>4</sup> .....	14,823,226	4,811,033	1,399,289	225,363	2,299,860	1,145,775	2,046,223	1,695,975	37,809	477,900	72,257	611,742
Doctoral/research <sup>5</sup> .....	9,289,646	3,746,486	1,653,306	118,335	971,747	1,398,471	1,629,684	1,150,168	6,852	0	47,748	54,849
Master's <sup>6</sup> .....	30,140,404	11,387,639	254,901	229,247	3,017,318	5,109,701	5,751,816	3,764,510	104,569	28,774	114,788	377,141
Baccalaureate <sup>7</sup> .....	21,250,774	7,541,928	209,694	192,502	1,899,443	3,451,195	4,042,648	3,438,707	67,393	0	45,030	362,233
Special-focus institutions <sup>8</sup> .....	22,492,539	4,744,319	1,936,261	1,022,384	1,620,822	1,152,976	3,139,642	772,140	67,291	6,112,497	1,175,982	748,225
Arts, music, or design.....	2,353,256	929,617	824	27,229	284,679	237,647	481,322	245,390	8,932	0	31,910	105,706
Business and management.....	597,676	153,870	2,135	1,511	74,703	97,718	185,321	72,119	463	0	599	9,238
Engineering and other technology-related.....	241,648	107,197	2,406	0	19,241	36,843	53,934	17,061	3,311	0	0	1,656
Faith related.....	1,918,328	596,851	7,328	61,062	184,927	176,266	536,402	198,689	37,620	0	13,833	105,349
Law.....	485,874	199,601	3,959	10,402	76,532	63,508	115,750	12,387	1,968	0	30	1,736
Medical schools and centers and other health professions schools.....	16,132,916	2,529,219	1,912,484	803,462	929,012	422,049	1,620,803	190,566	12,270	6,112,497	1,129,196	471,357
Tribal colleges <sup>9</sup> .....	94,235	25,194	2,033	8,892	4,643	13,666	22,666	1,631	2,126	0	0	13,384
Other special focus.....	668,605	202,770	5,092	109,826	47,085	105,280	123,443	34,296	601	0	414	39,798
2-year.....	860,427	268,402	967	2,329	104,722	214,409	175,414	39,660	3,546	0	0	50,978
Associate's colleges.....	839,951	263,992	118	2,046	102,448	212,689	170,582	39,092	1,540	0	0	47,443
Tribal colleges <sup>9</sup> .....	20,476	4,410	849	283	2,273	1,720	4,832	568	2,006	0	0	3,535
Percentage distribution												
<b>Total</b> .....	<b>100.00</b>	<b>31.90</b>	<b>9.74</b>	<b>1.45</b>	<b>8.48</b>	<b>8.50</b>	<b>13.16</b>	<b>8.86</b>	<b>0.49</b>	<b>11.27</b>	<b>3.29</b>	<b>2.85</b>
4-year.....	100.00	31.91	9.79	1.45	8.47	8.43	13.13	8.88	0.49	11.32	3.31	2.84
Research university, very high <sup>3</sup> ....	100.00	30.84	16.05	1.05	6.78	3.98	8.95	6.52	0.70	16.31	5.29	3.54
Research university, high <sup>4</sup> .....	100.00	32.46	9.44	1.52	15.52	7.73	13.80	11.44	0.26	3.22	0.49	4.13
Doctoral/research <sup>5</sup> .....	100.00	40.33	1.78	1.27	10.46	15.05	17.54	12.38	0.00	0.51	0.59	0.59
Master's <sup>6</sup> .....	100.00	37.78	0.85	0.76	10.01	16.95	19.08	12.49	0.35	0.10	0.38	1.25
Baccalaureate <sup>7</sup> .....	100.00	35.49	0.99	0.91	8.94	16.24	19.02	16.18	0.32	0.00	0.21	1.70
Special-focus institutions <sup>8</sup> .....	100.00	21.09	8.61	4.55	7.21	13.96	3.43	0.30	27.18	5.23	3.33	3.33
Arts, music, or design.....	100.00	39.50	0.04	1.16	12.10	10.10	20.45	10.43	0.38	0.00	1.36	4.49
Business and management.....	100.00	25.74	0.36	0.25	12.50	16.35	31.01	12.07	0.08	0.00	0.10	1.55
Engineering and other technology-related.....	100.00	44.36	1.00	0.00	7.96	15.25	22.32	7.06	1.37	0.00	0.00	0.69
Faith related.....	100.00	31.11	0.38	3.18	9.64	9.19	27.96	10.36	1.96	0.00	0.72	5.49
Law.....	100.00	41.08	0.81	2.14	15.75	13.07	23.82	2.55	0.41	0.00	0.01	0.36
Medical schools and centers and other health professions schools.....	100.00	15.68	11.85	4.98	5.76	2.62	10.05	1.18	0.08	37.89	7.00	2.92
Tribal colleges <sup>9</sup> .....	100.00	26.73	2.16	9.44	4.93	14.50	24.05	1.73	2.26	0.00	0.00	14.20
Other special focus.....	100.00	30.33	0.76	16.43	7.04	15.75	18.46	5.13	0.09	0.00	0.06	5.95
2-year.....	100.00	31.19	0.11	0.27	12.17	24.92	20.39	4.61	0.41	0.00	0.00	5.92
Associate's colleges.....	100.00	31.43	0.01	0.24	12.20	25.32	20.31	4.65	0.18	0.00	0.00	5.65
Tribal colleges <sup>9</sup> .....	100.00	21.54	4.15	1.38	11.10	8.40	23.60	2.77	9.80	0.00	0.00	17.26
Expenditure per full-time-equivalent student in current dollars												
<b>Total</b> .....	<b>\$54,969</b>	<b>\$17,537</b>	<b>\$5,355</b>	<b>\$795</b>	<b>\$4,664</b>	<b>\$4,674</b>	<b>\$7,233</b>	<b>\$4,870</b>	<b>\$267</b>	<b>\$6,195</b>	<b>\$1,809</b>	<b>\$1,569</b>
4-year.....	55,382	17,671	5,420	804	4,689	4,667	7,269	4,917	270	6,271	1,831	1,573
Research university, very high <sup>3</sup> ....	162,001	49,953	25,998	1,694	10,991	6,440	14,504	10,560	1,136	26,414	8,572	5,737
Research university, high <sup>4</sup> .....	50,718	16,461	4,788	771	7,869	3,920	7,001	5,803	129	1,635	247	2,093
Doctoral/research <sup>5</sup> .....	27,024	10,899	481	344	2,827	4,068	4,741	3,346	20	0	139	160
Master's <sup>6</sup> .....	23,732	8,966	201	181	2,376	4,023	4,529	2,964	82	23	90	297
Baccalaureate <sup>7</sup> .....	34,533	12,256	341	313	3,087	5,608	6,569	5,588	110	0	73	589
Special-focus institutions <sup>8</sup> .....	71,257	15,030	6,134	3,239	5,135	3,653	9,946	2,446	213	19,365	3,726	2,370
Arts, music, or design.....	41,358	16,338	14	479	5,003	4,177	8,459	4,313	157	0	561	1,858
Business and management.....	26,377	6,791	94	67	3,297	4,313	8,179	3,183	20	0	26	408
Engineering and other technology-related.....	19,902	8,829	198	0	1,585	3,034	4,442	1,405	273	0	0	136
Faith related.....	27,797	8,648	106	885	2,680	2,554	7,772	2,879	545	0	200	1,527
Law.....	46,402	19,062	378	993	7,309	6,065	11,054	1,183	188	0	3	166
Medical schools and centers and other health professions schools.....	127,047	19,918	15,061	6,327	7,316	3,324	12,764	1,501	97	48,136	8,892	3,712
Tribal colleges <sup>9</sup> .....	42,737	11,426	922	4,033	2,106	6,198	10,279	740	964	0	0	6,070
Other special focus.....	43,754	13,269	333	7,187	3,081	6,890	8,078	2,244	39	0	27	2,604
2-year.....	20,920	6,526	24	57	2,546	5,213	4,265	964	86	0	0	1,239
Associate's colleges.....	20,690	6,503	3	50	2,524	5,239	4,202	963	38	0	0	1,169
Tribal colleges <sup>9</sup> .....	38,345	8,258	1,590	530	4,257	3,221	9,048	1,063	3,756	0	0	6,620

<sup>1</sup>Essentially self-supporting operations of institutions that furnish a service to students, faculty, or staff, such as residence halls and food services.

<sup>2</sup>Excludes tuition, fee, and auxiliary enterprise allowances and agency transactions, such as student awards made from contributed funds or grant funds. These exclusions account for the majority of total student grants.

<sup>3</sup>Research universities with a very high level of research activity.

<sup>4</sup>Research universities with a high level of research activity.

<sup>5</sup>Institutions that award at least 20 research/scholarship doctor's degrees per year, but did not have high levels of research activity.

<sup>6</sup>Institutions that award at least 50 master's and fewer than 20 doctor's degrees per year.

<sup>7</sup>Institutions that primarily emphasize undergraduate education. In addition to institutions that primarily award bachelor's degrees, also includes institutions classified as 4-year in the IPEDS system, but classified as 2-year baccalaureate/associate's colleges in the Carnegie Classification system because they primarily award associate's degrees.

<sup>8</sup>Four-year institutions that award degrees primarily in single fields of study, such as medicine, business, fine arts, theology, and engineering.

<sup>9</sup>Tribally controlled colleges, which are located on reservations and are members of the American Indian Higher Education Consortium.

NOTE: Relative levels of research activity for research universities were determined by an analysis of research and development expenditures, science and engineering research staffing, and doctoral degrees conferred, by field. Further information on the Carnegie 2015 classification system used in this table may be obtained from <http://carnegieclassifications.iu.edu/>. Degree-granting institutions grant associate's or higher degrees and participate in Title IV federal financial aid programs. Data in this table pertain to institutions' fiscal years that end in the academic year noted. Detail may not sum to totals because of rounding.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), Spring 2016, Fall Enrollment component; and Spring 2017, Finance component. (This table was prepared January 2018.)

**Table 334.50. Total expenditures of private for-profit degree-granting postsecondary institutions, by purpose and level of institution: Selected years, 1999–2000 through 2015–16**

Year and level of institution	Total	Instruction	Research and public service	Student services, academic and institutional support	Auxiliary enterprises <sup>1</sup>	Net grant aid to students <sup>2</sup>	Other <sup>3</sup>
1	2	3	4	5	6	7	8
In thousands of current dollars							
<b>All levels</b>							
1999–2000.....	\$3,846,246	\$1,171,732	\$24,738	\$2,041,594	\$144,305	\$26,278	\$437,599
2002–03.....	6,110,378	1,747,725	17,987	3,670,218	240,380	36,031	398,037
2003–04.....	7,364,012	1,883,733	8,606	4,592,730	249,472	56,467	573,004
2004–05.....	8,830,792	2,313,895	7,583	5,693,200	269,883	54,819	491,411
2005–06.....	10,208,845	2,586,870	8,445	6,569,329	276,587	66,569	701,044
2006–07.....	12,152,366	2,884,481	6,087	7,760,044	332,887	68,300	1,100,568
2007–08.....	13,940,442	3,238,406	9,547	9,322,781	421,714	82,072	865,922
2008–09.....	16,375,034	3,876,258	9,939	11,069,416	396,715	44,440	978,267
2009–10.....	19,973,034	4,759,300	13,257	13,230,271	466,040	120,032	1,384,134
2010–11.....	22,632,244	5,656,167	19,327	14,853,799	486,433	87,151	1,529,368
2011–12.....	22,713,683	5,538,070	42,657	15,111,978	489,409	54,579	1,476,991
2012–13.....	21,923,722	5,467,671	27,729	14,294,090	467,973	53,555	1,612,705
2013–14.....	20,644,593	5,536,025	16,447	13,103,182	472,204	36,569	1,480,166
2014–15.....	18,441,030	4,917,479	20,028	11,624,796	504,091	35,524	1,339,112
2015–16.....	16,009,382	4,250,720	17,684	10,096,841	399,202	34,768	1,210,166
<b>4-year</b>							
1999–2000.....	2,022,622	595,976	4,393	1,104,001	92,071	11,805	214,377
2002–03.....	3,754,727	1,030,470	5,339	2,337,388	153,528	14,813	213,190
2003–04.....	4,821,864	1,143,050	3,705	3,108,697	168,069	32,603	365,740
2004–05.....	5,989,792	1,430,196	3,513	4,110,514	180,036	38,639	226,894
2005–06.....	7,218,830	1,680,603	4,065	4,985,531	179,064	54,291	315,276
2006–07.....	8,837,598	1,857,765	4,303	5,909,914	228,624	56,930	780,063
2007–08.....	10,424,536	2,149,651	7,534	7,335,592	312,834	71,324	547,602
2008–09.....	12,409,748	2,585,133	7,629	8,893,714	276,211	33,417	613,644
2009–10.....	15,286,893	3,268,070	10,726	10,732,002	337,499	72,082	866,514
2010–11.....	17,141,926	3,925,347	15,582	12,031,073	343,319	74,921	751,684
2011–12.....	17,407,585	3,928,903	37,912	12,153,860	349,405	51,818	885,687
2012–13.....	16,759,402	3,939,227	24,432	11,377,216	359,987	46,446	1,012,095
2013–14.....	16,017,246	4,078,270	15,190	10,545,883	371,018	32,306	974,579
2014–15.....	14,628,734	3,729,921	17,904	9,617,433	334,087	33,089	896,300
2015–16.....	12,573,619	3,201,221	15,721	8,213,319	323,346	32,325	787,688
<b>2-year</b>							
1999–2000.....	1,823,624	575,756	20,345	937,593	52,234	14,473	223,223
2002–03.....	2,355,650	717,255	12,648	1,332,830	86,853	21,218	184,846
2003–04.....	2,542,148	740,683	4,901	1,484,033	81,403	23,864	207,264
2004–05.....	2,840,999	883,699	4,070	1,582,687	89,846	16,181	264,517
2005–06.....	2,990,015	906,267	4,381	1,583,798	97,523	12,278	385,768
2006–07.....	3,314,768	1,026,716	1,784	1,850,129	104,264	11,370	320,505
2007–08.....	3,515,906	1,088,755	2,014	1,987,189	108,880	10,747	318,320
2008–09.....	3,965,287	1,291,124	2,310	2,175,703	120,504	11,023	364,623
2009–10.....	4,686,142	1,491,230	2,531	2,498,269	128,542	47,950	517,619
2010–11.....	5,490,318	1,730,820	3,744	2,822,726	143,113	12,230	777,685
2011–12.....	5,306,098	1,609,167	4,745	2,958,118	140,004	2,761	591,304
2012–13.....	5,164,320	1,528,444	3,297	2,916,874	107,986	7,109	600,609
2013–14.....	4,627,347	1,457,755	1,257	2,557,299	101,186	4,263	505,588
2014–15.....	3,812,297	1,187,558	2,124	2,007,363	170,004	2,435	442,812
2015–16.....	3,435,762	1,049,499	1,964	1,883,522	75,857	2,443	422,478
Percentage distribution							
<b>All levels</b>							
1999–2000.....	100.00	30.46	0.64	53.08	3.75	0.68	11.38
2002–03.....	100.00	28.60	0.29	60.07	3.93	0.59	6.51
2003–04.....	100.00	25.58	0.12	62.37	3.39	0.77	7.78
2004–05.....	100.00	26.20	0.09	64.47	3.06	0.62	5.56
2005–06.....	100.00	25.34	0.08	64.35	2.71	0.65	6.87
2006–07.....	100.00	23.74	0.05	63.86	2.74	0.56	9.06
2007–08.....	100.00	23.23	0.07	66.88	3.03	0.59	6.21
2008–09.....	100.00	23.67	0.06	67.60	2.42	0.27	5.97
2009–10.....	100.00	23.83	0.07	66.24	2.33	0.60	6.93
2010–11.....	100.00	24.99	0.09	65.63	2.15	0.39	6.76
2011–12.....	100.00	24.38	0.19	66.53	2.15	0.24	6.50
2012–13.....	100.00	24.94	0.13	65.20	2.13	0.24	7.36
2013–14.....	100.00	26.82	0.08	63.47	2.29	0.18	7.17
2014–15.....	100.00	26.67	0.11	63.04	2.73	0.19	7.26
2015–16.....	100.00	26.55	0.11	63.07	2.49	0.22	7.56
<b>4-year</b>							
1999–2000.....	100.00	29.47	0.22	54.58	4.55	0.58	10.60
2002–03.....	100.00	27.44	0.14	62.25	4.09	0.39	5.68
2003–04.....	100.00	23.71	0.08	64.47	3.49	0.68	7.59
2004–05.....	100.00	23.88	0.06	68.63	3.01	0.65	3.79
2005–06.....	100.00	23.28	0.06	69.06	2.48	0.75	4.37
2006–07.....	100.00	21.02	0.05	66.87	2.59	0.64	8.83
2007–08.....	100.00	20.62	0.07	70.37	3.00	0.68	5.25
2008–09.....	100.00	20.83	0.06	71.67	2.23	0.27	4.94
2009–10.....	100.00	21.38	0.07	70.20	2.21	0.47	5.67
2010–11.....	100.00	22.90	0.09	70.19	2.00	0.44	4.39
2011–12.....	100.00	22.57	0.22	69.82	2.01	0.30	5.09
2012–13.....	100.00	23.50	0.15	67.89	2.15	0.28	6.04
2013–14.....	100.00	25.46	0.09	65.84	2.32	0.20	6.08
2014–15.....	100.00	25.50	0.12	65.74	2.28	0.23	6.13
2015–16.....	100.00	25.46	0.13	65.32	2.57	0.26	6.26

See notes at end of table.

**Table 334.50. Total expenditures of private for-profit degree-granting postsecondary institutions, by purpose and level of institution: Selected years, 1999–2000 through 2015–16—Continued**

Year and level of institution	Total	Instruction	Research and public service	Student services, academic and institutional support	Auxiliary enterprises <sup>1</sup>	Net grant aid to students <sup>2</sup>	Other <sup>3</sup>
1	2	3	4	5	6	7	8
<b>2-year</b>							
1999–2000.....	100.00	31.57	1.12	51.41	2.86	0.79	12.24
2002–03.....	100.00	30.45	0.54	56.58	3.69	0.90	7.85
2003–04.....	100.00	29.14	0.19	58.38	3.20	0.94	8.15
2004–05.....	100.00	31.11	0.14	55.71	3.16	0.57	9.31
2005–06.....	100.00	30.31	0.15	52.97	3.26	0.41	12.90
2006–07.....	100.00	30.97	0.05	55.81	3.15	0.34	9.67
2007–08.....	100.00	30.97	0.06	56.52	3.10	0.31	9.05
2008–09.....	100.00	32.56	0.06	54.87	3.04	0.28	9.20
2009–10.....	100.00	31.82	0.05	53.31	2.74	1.02	11.05
2010–11.....	100.00	31.52	0.07	51.41	2.61	0.22	14.16
2011–12.....	100.00	30.33	0.09	55.75	2.64	0.05	11.14
2012–13.....	100.00	29.60	0.06	56.48	2.09	0.14	11.63
2013–14.....	100.00	31.50	0.03	55.26	2.19	0.09	10.93
2014–15.....	100.00	31.15	0.06	52.65	4.46	0.06	11.62
2015–16.....	100.00	30.55	0.06	54.82	2.21	0.07	12.30
Total expenditures per full-time-equivalent student in constant 2016–17 dollars <sup>4</sup>							
<b>All levels</b>							
1999–2000.....	\$14,334	\$4,367	\$92	\$7,608	\$538	\$98	\$1,631
2002–03.....	15,059	4,307	44	9,045	592	89	981
2003–04.....	14,841	3,796	17	9,256	503	114	1,155
2004–05.....	14,184	3,717	12	9,145	433	88	789
2005–06.....	13,824	3,503	11	8,896	375	90	949
2006–07.....	15,310	3,634	8	9,777	419	86	1,387
2007–08.....	15,505	3,602	11	10,369	469	91	963
2008–09.....	14,534	3,440	9	9,825	352	39	868
2009–10.....	15,009	3,577	10	9,942	350	90	1,040
2010–11.....	15,022	3,754	13	9,859	323	58	1,015
2011–12.....	15,024	3,663	28	9,996	324	36	977
2012–13.....	16,251	4,053	21	10,596	347	40	1,195
2013–14.....	20,104	5,391	16	12,760	460	36	1,441
2014–15.....	15,995	4,265	17	10,083	437	31	1,161
2015–16.....	16,487	4,378	18	10,398	411	36	1,246
<b>4-year</b>							
1999–2000.....	13,887	4,092	30	7,580	632	81	1,472
2002–03.....	14,473	3,972	21	9,010	592	57	822
2003–04.....	14,723	3,490	11	9,492	513	100	1,117
2004–05.....	13,694	3,270	8	9,398	412	88	519
2005–06.....	13,288	3,094	7	9,177	330	100	580
2006–07.....	14,919	3,136	7	9,977	386	96	1,317
2007–08.....	15,144	3,123	11	10,657	454	104	796
2008–09.....	14,316	2,982	9	10,260	319	39	708
2009–10.....	15,313	3,274	11	10,750	338	72	868
2010–11.....	14,959	3,425	14	10,499	300	65	656
2011–12.....	14,815	3,344	32	10,343	297	44	754
2012–13.....	15,872	3,731	23	10,775	341	44	959
2013–14.....	21,222	5,404	20	13,973	492	43	1,291
2014–15.....	15,751	4,016	19	10,355	360	36	965
2015–16.....	16,208	4,127	20	10,588	417	42	1,015
<b>2-year</b>							
1999–2000.....	14,864	4,693	166	7,642	426	118	1,819
2002–03.....	16,097	4,901	86	9,108	594	145	1,263
2003–04.....	15,070	4,391	29	8,797	483	141	1,229
2004–05.....	15,343	4,772	22	8,547	485	87	1,428
2005–06.....	15,314	4,642	22	8,112	499	63	1,976
2006–07.....	16,461	5,098	9	9,187	518	56	1,592
2007–08.....	16,683	5,166	10	9,429	517	51	1,510
2008–09.....	15,259	4,968	9	8,372	464	42	1,403
2009–10.....	14,098	4,486	8	7,516	387	144	1,557
2010–11.....	15,224	4,799	10	7,827	397	34	2,156
2011–12.....	15,756	4,778	14	8,784	416	8	1,756
2012–13.....	17,616	5,214	11	9,950	368	24	2,049
2013–14.....	17,003	5,357	5	9,397	372	16	1,858
2014–15.....	17,006	5,297	9	8,954	758	11	1,975
2015–16.....	17,593	5,374	10	9,645	388	13	2,163

<sup>1</sup>Essentially self-supporting operations of institutions that furnish a service to students, faculty, or staff, such as residence halls and food services.

<sup>2</sup>Excludes tuition, fee, and auxiliary enterprise allowances and agency transactions, such as student awards made from contributed funds or grant funds. These exclusions account for the majority of total student grants.

<sup>3</sup>“Other” categories of expenditures include hospitals.

<sup>4</sup>Constant dollars based on the Consumer Price Index, prepared by the Bureau of Labor Statistics, U.S. Department of Labor, adjusted to a school-year basis.

NOTE: Degree-granting institutions grant associate’s or higher degrees and participate in Title IV federal financial aid programs. Data in this table pertain to institutions’ fiscal years that end in the academic year noted. Some data have been revised from previously published figures. Detail may not sum to totals because of rounding.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), “Fall Enrollment Survey” (IPEDS-EF-99); Spring 2002 through Spring 2007, Enrollment component; Spring 2008 through Spring 2016, Fall Enrollment component; and Spring 2002 through Spring 2017, Finance component. (This table was prepared January 2018.)

**Table 334.70. Total expenditures of private nonprofit and for-profit degree-granting postsecondary institutions, by state or jurisdiction: Selected years, 1999–2000 through 2015–16**

[In thousands of current dollars]

State or jurisdiction	Nonprofit institutions						For-profit institutions					
	1999–2000	2004–05	2009–10	2013–14	2014–15	2015–16	1999–2000	2004–05	2009–10	2013–14	2014–15	2015–16
1	2	3	4	5	6	7	8	9	10	11	12	13
<b>United States .....</b>	<b>\$80,613,037</b>	<b>\$110,394,127</b>	<b>\$145,115,244</b>	<b>\$172,529,736</b>	<b>\$181,419,541</b>	<b>\$188,698,325</b>	<b>\$3,846,246</b>	<b>\$8,830,792</b>	<b>\$19,973,034</b>	<b>\$20,644,593</b>	<b>\$18,441,030</b>	<b>\$16,009,382</b>
Alabama .....	393,465	459,250	561,968	657,549	674,679	673,550	88,190	60,629	139,366	230,833	205,571	179,346
Alaska .....	19,042	21,076	16,249	20,503	20,867	21,343	3,559	3,986	19,302	56,715	53,750	5,386
Arizona .....	143,698	147,825	176,443	313,229	271,309	285,775	278,286	1,095,783	3,412,261	2,652,208	2,667,335	2,310,965
Arkansas .....	230,860	239,357	289,868	365,289	383,228	384,411	5,828	11,574	31,263	18,418	11,993	5,297
California .....	7,871,651	10,728,872	13,925,287	16,959,940	18,020,883	18,930,864	666,020	1,243,346	2,551,481	3,491,326	2,943,254	2,806,523
Colorado .....	376,887	524,349	626,838	751,330	787,288	812,162	154,801	320,550	661,384	717,552	588,811	570,828
Connecticut .....	2,094,981	2,882,963	3,950,481	4,724,751	4,918,779	5,176,418	18,110	41,931	59,726	109,443	109,962	102,654
Delaware .....	52,533	87,617	132,851	141,488	148,398	153,594	†	†	4,042	3,219	3,003	2,785
District of Columbia .....	2,267,409	2,824,081	3,687,042	4,117,223	4,210,736	4,371,987	59,375	127,859	66,677	57,139	73,921	73,691
Florida .....	2,031,623	3,067,443	4,592,898	5,622,693	6,094,211	6,421,571	315,721	781,280	1,825,704	2,000,148	1,324,080	1,177,807
Georgia .....	2,635,438	3,442,374	4,497,299	5,680,638	5,955,965	6,356,783	106,794	261,219	678,839	628,350	570,359	453,802
Hawaii .....	209,135	195,152	210,680	255,366	233,653	247,600	9,422	24,996	34,299	49,490	28,591	30,361
Idaho .....	118,150	164,694	228,589	315,995	324,130	346,521	5,932	13,073	32,602	30,718	26,411	16,598
Illinois .....	5,668,566	7,113,842	9,512,165	11,578,652	11,895,518	11,917,185	166,956	620,678	1,100,032	1,201,548	1,176,410	967,832
Indiana .....	1,343,315	1,796,767	2,251,554	2,672,361	2,804,542	2,908,893	89,932	211,310	591,600	557,518	493,254	180,081
Iowa .....	740,760	921,320	1,156,393	1,298,944	1,330,362	1,328,741	34,311	146,688	1,000,405	549,337	522,514	491,189
Kansas .....	808,729	965,476	1,262,886	1,456,307	1,461,312	1,413,147	9,156	11,213	47,645	138,197	147,181	122,009
Kentucky .....	400,513	470,392	597,495	712,235	739,830	752,610	55,010	114,564	242,672	249,044	223,758	185,478
Louisiana .....	746,629	940,075	1,089,736	1,216,894	1,238,465	1,278,750	31,675	70,241	111,844	99,281	92,456	78,195
Maine .....	316,114	422,938	552,463	670,634	699,939	731,712	7,137	5,648	12,409	16,405	16,901	16,232
Maryland .....	2,205,880	3,497,182	4,792,089	5,746,173	5,934,298	6,188,143	5,354	41,717	115,071	98,850	84,647	68,862
Massachusetts .....	7,591,344	10,799,206	13,862,598	16,388,566	16,989,586	17,807,545	34,893	64,126	118,526	109,120	115,155	73,951
Michigan .....	995,384	1,327,051	1,638,367	1,740,691	1,731,503	1,727,092	25,340	55,391	120,070	127,760	113,025	60,889
Minnesota .....	1,004,427	1,297,457	1,622,869	1,795,111	1,808,566	1,851,407	123,571	325,758	928,396	1,163,083	1,141,688	1,049,616
Mississippi .....	150,123	178,142	225,484	252,514	264,097	274,648	†	8,369	21,061	31,127	26,899	20,758
Missouri .....	2,144,299	3,128,635	3,958,548	4,674,575	4,802,694	5,096,127	100,307	196,447	331,391	264,185	234,568	171,631
Montana .....	69,426	91,446	116,161	111,050	114,605	116,250	†	†	†	†	†	113
Nebraska .....	387,569	557,724	709,182	707,006	707,995	734,966	12,051	25,524	41,559	36,602	32,296	20,920
Nevada .....	7,006	9,637	73,701	111,867	138,704	155,344	29,278	104,949	143,358	133,061	111,422	97,181
New Hampshire .....	589,823	883,914	1,085,570	1,382,865	1,535,994	1,662,754	21,831	41,599	36,737	48,589	41,448	†
New Jersey .....	1,362,090	1,873,156	2,591,234	2,971,977	3,074,725	3,247,397	61,109	85,429	126,833	165,994	164,603	168,538
New Mexico .....	54,280	54,076	30,447	34,667	37,680	38,451	25,806	35,073	83,708	101,183	88,978	78,633
New York .....	12,519,671	17,680,799	23,511,385	28,139,009	29,838,723	31,868,019	326,329	624,764	762,214	884,033	879,182	855,341
North Carolina .....	3,530,337	4,808,306	6,451,308	7,705,625	7,952,693	8,443,963	4,041	38,078	186,514	297,354	281,296	200,476
North Dakota .....	56,000	88,860	87,938	131,991	133,477	132,643	1,145	7,885	20,198	11,857	11,224	9,307
Ohio .....	2,211,035	3,017,764	3,582,655	3,919,070	3,997,097	4,101,883	122,531	232,685	564,498	506,201	435,219	355,316
Oklahoma .....	338,276	392,427	523,630	607,899	643,615	665,851	32,527	72,537	110,336	140,970	114,549	96,467
Oregon .....	456,683	550,322	734,883	937,306	1,015,846	1,035,136	23,175	86,156	120,490	112,339	86,737	62,553
Pennsylvania .....	7,590,629	9,960,675	13,154,197	15,436,537	17,398,401	19,915,171	306,135	530,515	842,052	746,170	618,469	522,888
Rhode Island .....	828,715	1,237,106	1,564,624	1,812,414	1,882,228	1,940,771	4,519	10,073	†	†	†	†
South Carolina .....	408,127	563,952	680,369	758,663	772,589	790,279	6,627	18,374	226,848	288,939	275,327	258,434
South Dakota .....	69,555	99,575	119,974	134,738	137,678	137,084	18,061	23,477	41,594	36,047	30,805	27,824
Tennessee .....	1,971,564	3,140,336	4,500,016	5,247,334	5,446,703	5,695,697	50,921	142,256	331,287	290,090	265,502	224,681
Texas .....	2,490,597	3,379,710	4,376,280	5,318,949	5,587,701	5,949,141	172,327	343,221	803,401	769,819	756,636	658,681
Utah .....	648,035	867,956	1,012,997	1,457,704	1,511,165	1,650,682	36,348	62,880	144,226	117,056	90,204	79,144
Vermont .....	347,293	510,623	717,199	839,679	853,481	870,643	24,841	24,914	17,126	11,298	10,948	9,527
Virginia .....	944,905	1,311,743	1,841,075	2,120,835	2,265,969	2,363,750	65,804	258,642	614,287	647,248	581,536	515,736
Washington .....	600,315	778,678	988,571	1,129,947	1,188,712	1,212,163	51,134	104,107	161,645	163,075	130,694	150,237
West Virginia .....	170,653	181,181	211,877	195,658	201,483	204,550	17,926	28,634	165,043	300,580	296,334	287,215
Wisconsin .....	999,502	1,410,625	1,929,430	2,186,164	2,220,794	2,290,409	16,333	36,044	131,140	152,576	142,125	107,401
Wyoming .....	†	†	†	1,579	16,735	16,714	19,766	34,596	39,869	32,498	†	†
<b>Other jurisdictions .</b>	<b>431,216</b>	<b>615,990</b>	<b>742,820</b>	<b>848,925</b>	<b>859,744</b>	<b>857,509</b>	<b>56,116</b>	<b>70,535</b>	<b>222,515</b>	<b>299,949</b>	<b>312,598</b>	<b>312,598</b>
Guam .....	†	1,535	2,551	1,158	1,093	1,248	†	†	†	†	†	†
Puerto Rico .....	431,216	614,455	740,269	847,767	858,651	856,261	56,116	70,535	222,515	299,949	312,598	312,598

†Not applicable.

NOTE: Degree-granting institutions grant associate's or higher degrees and participate in Title IV federal financial aid programs. Data in this table pertain to institutions' fiscal years that end in the academic year noted. Some data have been revised from previously published figures. Detail may not sum to totals because of rounding.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), Spring 2001 through Spring 2017, Finance component. (This table was prepared August 2018.)



## CHAPTER 4

# Federal Funds for Education and Related Activities

This chapter provides information on federal support for education. The tables include detailed data on funding by specific federal agencies, funding for different levels of education and types of education-related activities, and funding for specific programs. Preceding the tables is a brief chronology of federal education legislation enacted since 1787, which provides historical context for the education funding data.

The data in this chapter primarily reflect outlays and appropriations of federal agencies. The data are compiled from budget information prepared by federal agencies. In contrast, most of the federal revenue data reported in other chapters are compiled by educational institutions or state education agencies and reported to the federal government through standardized survey forms. Tabulations based on institution- or state-reported revenue data differ substantially from federal budget reports because of numerous variations in methodology and definitions. Federal dollars are not necessarily spent by recipient institutions in the same year in which they are appropriated. In some cases, institutions cannot identify the source of federal revenues because they flow through state agencies. Some types of revenues, such as tuition and fees, are reported as revenues from students even though they may be supported by federal student aid programs. Some institutions that receive federal education funds (e.g., Department of Defense overseas and domestic schools, state education agencies, Head Start programs, and federal libraries) are not included in regular surveys, censuses, and administrative data collections conducted by the National Center for Education Statistics (NCES). Thus, the federal programs data tabulated in this chapter are not comparable with figures reported in other chapters. Readers should also be careful about comparing the data on obligations shown in table 402.10 with the data on outlays and appropriations appearing in other tables in this chapter.

## Federal Education Funding

Federal on-budget funding (federal appropriations) for education increased by 488 percent from fiscal year (FY) 1965 to FY 2017, after adjustment for inflation (table D, table 401.10, and figure 20). Federal on-budget funding for education in FY 1975 was 152 percent higher than in FY 1965. However, funding in FY 1985 was 16 percent lower than in FY 1975. Thereafter, federal on-budget funding for

education generally increased. From FY 1990 to FY 2000, after adjustment for inflation, federal on-budget funding for education increased by 31 percent. From FY 2000 to FY 2017, it increased by 86 percent.

**Table D. Federal on-budget funding for education, by category: Selected fiscal years, 1965 through 2017**

[In billions of constant fiscal year (FY) 2017 dollars]

Fiscal year	Total	Elementary/secondary	Post-secondary	Other education	Research at educational institutions
1965 .....	\$38.9	\$14.2	\$8.7	\$2.7	\$13.2
1970 .....	74.6	34.8	20.5	5.8	13.6
1975 .....	97.8	44.6	32.1	6.8	14.4
1980 .....	98.8	45.9	31.8	4.4	16.6
1985 .....	82.2	35.6	23.5	4.4	18.6
1990 .....	93.6	39.9	24.7	6.1	22.9
1995 .....	111.0	52.1	27.3	7.3	24.3
2000 .....	122.5	62.2	21.3	8.2	30.8
2005 .....	184.9	86.1	48.1	9.1	41.7
2010 .....	190.1	83.8	54.7	10.3	41.2
2015 .....	201.9	81.4	77.2	9.8	33.4
2016 .....	193.1	84.0	64.0	9.9	35.2 <sup>1</sup>
2017 <sup>2</sup> .....	228.4	81.8	101.0 <sup>2</sup>	9.7	35.9 <sup>1</sup>

<sup>1</sup>Estimated.

<sup>2</sup>The increase in postsecondary expenditures in 2017 resulted primarily from an accounting adjustment.

NOTE: Detail may not sum to totals because of rounding.

SOURCE: U.S. Department of Education, Budget Service and National Center for Education Statistics, unpublished tabulations. U.S. Office of Management and Budget, *Budget of the U.S. Government, Appendix*, various FYs. National Science Foundation, *Federal Funds for Research and Development*, various FYs.

Between FY 1990 and FY 2000, after adjustment for inflation, federal on-budget funding increased for three of the four major categories reported: elementary and secondary education (by 56 percent), other education (by 34 percent), and research at educational institutions (by 34 percent) (table D, table 401.10, and figure 20). However, funding for postsecondary education was 14 percent lower in FY 2000 than in FY 1990. For all four major categories, on-budget funding was higher in FY 2017 than in FY 2000 after adjustment for inflation. For elementary and secondary education, on-budget funding was 32 percent higher in FY 2017 than in FY 2000. For postsecondary education, on-budget funding was 375 percent higher in FY 2017 (when an accounting adjustment was made) than in FY 2000. For other education, on-budget funding was 18 percent higher in FY 2017 than in FY 2000. For research at educational institutions, on-budget funding was an estimated 17 percent higher in FY 2017 than in FY 2000.

After adjustment for inflation, off-budget support (federal support for education not tied to appropriations) and nonfederal funds generated by federal legislation (e.g.,

private loans, grants, and aid) showed an increase of 136 percent between FY 1990 (\$20.2 billion in FY 2017 dollars) and FY 2000 (\$47.8 billion in FY 2017 dollars) (table 401.10). In FY 2017, these same funds totaled \$94.2 billion, an increase of 97 percent over FY 2000.

In current dollars (not adjusted for inflation), federal on-budget funds for education in FY 2015 totaled \$195.7 billion (figure 21 and table 401.20). The U.S. Department of Education provided 51 percent (\$100.4 billion) of this total. Funds exceeding \$3 billion also came from the U.S. Department of Health and Human Services (\$27.2 billion), the U.S. Department of Agriculture (\$23.9 billion), the U.S. Department of Veterans Affairs (\$13.5 billion), the U.S. Department of Defense (\$7.0 billion), the National Science Foundation (\$5.8 billion), the U.S. Department of Labor (\$4.8 billion), and the U.S. Department of Energy (\$3.5 billion).

## Chronology of Federal Education Legislation

A capsule view of the history of federal education activities is provided in the following list of selected legislation:

- 1787** *Northwest Ordinance* authorized land grants for the establishment of educational institutions.
- 1802** *An Act Fixing the Military Peace Establishment of the United States* established the U.S. Military Academy. (The U.S. Naval Academy was established in 1845 by the Secretary of the Navy.)
- 1862** *First Morrill Act* authorized public land grants to the states for the establishment and maintenance of agricultural and mechanical colleges.
- 1867** *Department of Education Act* authorized the establishment of the U.S. Department of Education.<sup>1</sup>
- 1876** *Appropriation Act*, U.S. Department of the Treasury, established the U.S. Coast Guard Academy.
- 1890** *Second Morrill Act* provided for monetary grants for support of instruction in the agricultural and mechanical colleges.
- 1911** *State Marine School Act* authorized federal funds to be used for the benefit of any nautical school in any of 11 specified seaport cities.
- 1917** *Smith-Hughes Act* provided for grants to states for support of vocational education.
- 1918** *Vocational Rehabilitation Act* provided for grants for rehabilitation through training of World War I veterans.
- 1920** *Smith-Bankhead Act* authorized grants to states for vocational rehabilitation programs.
- 1935** *Bankhead-Jones Act* (Public Law 74-182) authorized grants to states for agricultural experiment stations.
- Agricultural Adjustment Act* (Public Law 74-320) authorized 30 percent of the annual customs receipts to be used to encourage the exportation and domestic consumption of agricultural commodities. Commodities purchased under this authorization began to be used in school lunch programs in 1936. The National School Lunch Act of 1946 continued and expanded this assistance.
- 1936** *An Act to Further the Development and Maintenance of an Adequate and Well-Balanced American Merchant Marine* (Public Law 74-415) established the U.S. Merchant Marine Academy.
- 1937** *National Cancer Institute Act* (Public Law 75-244) established the Public Health Service fellowship program.
- 1941** *Amendment to Lanham Act of 1940* authorized federal aid for construction, maintenance, and operation of schools in federally impacted areas. Such assistance was continued under Public Law 815 and Public Law 874, 81st Congress, in 1950.
- 1943** *Vocational Rehabilitation Act* (Public Law 78-16) provided assistance to veterans with disabilities.
- School Lunch Indemnity Plan* (Public Law 78-129) provided funds for local lunch food purchases.
- 1944** *Servicemen's Readjustment Act* (Public Law 78-346), known as the GI Bill, provided assistance for the education of veterans.
- Surplus Property Act* (Public Law 78-457) authorized transfer of surplus property to educational institutions.
- 1946** *National School Lunch Act* (Public Law 79-396) authorized assistance through grants-in-aid and other means to states to assist in providing adequate foods and facilities for the establishment, maintenance, operation, and expansion of nonprofit school lunch programs.
- George-Barden Act* (Public Law 80-402) expanded federal support of vocational education.
- 1948** *United States Information and Educational Exchange Act* (Public Law 80-402) provided for the interchange of people, knowledge, and skills between the United States and other countries.
- 1949** *Federal Property and Administrative Services Act* (Public Law 81-152) provided for donation of surplus property to educational institutions and for other public purposes.
- 1950** *Financial Assistance for Local Educational Agencies Affected by Federal Activities* (Public Law 81-815 and Public Law 81-874) provided assistance for construction (Public Law 815) and operation (Public Law 874) of schools in federally affected areas.
- Housing Act* (Public Law 81-475) authorized loans for construction of college housing facilities.

<sup>1</sup> The U.S. Department of Education as established in 1867 was later known as the Office of Education. In 1980, under Public Law 96-88, it became a cabinet-level department. Therefore, for purposes of consistency, it is referred to as the "U.S. Department of Education" even in those tables covering years when it was officially the Office of Education.

- 1954** *An Act for the Establishment of the United States Air Force Academy and Other Purposes* (Public Law 83-325) established the U.S. Air Force Academy.
- Educational Research Act* (Public Law 83-531) authorized cooperative arrangements with universities, colleges, and state educational agencies for educational research.
- School Milk Program Act* (Public Law 83-597) provided funds for purchase of milk for school lunch programs.
- 1956** *Library Services Act* (Public Law 84-597) provided grants to states for extension and improvement of rural public library services.
- 1957** *Practical Nurse Training Act* (Public Law 84-911) provided grants to states for practical nurse training.
- 1958** *National Defense Education Act* (Public Law 85-864) provided assistance to state and local school systems for instruction in science, mathematics, modern foreign languages, and other critical subjects; state statistical services; guidance, counseling, and testing services and training institutes; higher education student loans and fellowships as well as foreign language study and training; experimentation and dissemination of information on more effective use of television, motion pictures, and related media for educational purposes; and vocational education for technical occupations necessary to the national defense.
- Education of Mentally Retarded Children Act* (Public Law 85-926) authorized federal assistance for training teachers of the disabled.
- Captioned Films for the Deaf Act* (Public Law 85-905) authorized a loan service of captioned films for the deaf.
- 1961** *Area Redevelopment Act* (Public Law 87-27) included provisions for training or retraining of people in redevelopment areas.
- 1962** *Manpower Development and Training Act* (Public Law 87-415) provided training in new and improved skills for the unemployed and underemployed.
- Migration and Refugee Assistance Act of 1962* (Public Law 87-510) authorized loans, advances, and grants for education and training of refugees.
- 1963** *Health Professions Educational Assistance Act of 1963* (Public Law 88-129) provided funds to expand teaching facilities and for loans to students in the health professions.
- Vocational Education Act of 1963* (Public Law 88-210, Part A) increased federal support of vocational education schools; vocational work-study programs; and research, training, and demonstrations in vocational education.
- Higher Education Facilities Act of 1963* (Public Law 88-204) authorized grants and loans for classrooms, libraries, and laboratories in public community colleges and technical institutes, as well as undergraduate and graduate facilities in other higher education institutions.
- 1964** *Civil Rights Act of 1964* (Public Law 88-352) authorized the Commissioner of Education to arrange for support for higher education institutions and school districts to provide inservice programs for assisting instructional staff in dealing with problems caused by desegregation.
- Economic Opportunity Act of 1964* (Public Law 88-452) authorized grants for college work-study programs for students from low-income families; established a Job Corps program and authorized support for work-training programs to provide education and vocational training and work experience opportunities in welfare programs; authorized support of education and training activities and of community action programs, including Head Start, Follow Through, and Upward Bound; and authorized the establishment of Volunteers in Service to America (VISTA).
- 1965** *Elementary and Secondary Education Act of 1965* (Public Law 89-10) authorized grants for elementary and secondary school programs for children of low-income families; school library resources, textbooks, and other instructional materials for school children; supplementary educational centers and services; strengthening state education agencies; and educational research and research training.
- Health Professions Educational Assistance Amendments of 1965* (Public Law 89-290) authorized scholarships to aid needy students in the health professions.
- Higher Education Act of 1965* (Public Law 89-329) provided grants for university community service programs, college library assistance, library training and research, strengthening developing institutions, teacher training programs, and undergraduate instructional equipment. Authorized insured student loans, established a National Teacher Corps, and provided for graduate teacher training fellowships.
- National Foundation on the Arts and the Humanities Act* (Public Law 89-209) authorized grants and loans for projects in the creative and performing arts and for research, training, and scholarly publications in the humanities.
- National Technical Institute for the Deaf Act* (Public Law 89-36) provided for the establishment, construction, equipping, and operation of a residential school for postsecondary education and technical training of the deaf.
- School Assistance in Disaster Areas Act* (Public Law 89-313) provided for assistance to local education agencies to help meet exceptional costs resulting from a major disaster.

- 1966** *International Education Act* (Public Law 89-698) provided grants to higher education institutions for the establishment, strengthening, and operation of centers for research and training in international studies and the international aspects of other fields of study.
- National Sea Grant College and Program Act* (Public Law 89-688) authorized the establishment and operation of Sea Grant Colleges and programs by initiating and supporting programs of education and research in the various fields relating to the development of marine resources.
- Adult Education Act* (Public Law 89-750) authorized grants to states for the encouragement and expansion of educational programs for adults, including training of teachers of adults and demonstrations in adult education (previously part of Economic Opportunity Act of 1964).
- Model Secondary School for the Deaf Act* (Public Law 89-694) authorized the establishment and operation, by Gallaudet College, of a model secondary school for the deaf.
- 1967** *Education Professions Development Act* (Public Law 90-35) amended the Higher Education Act of 1965 for the purpose of improving the quality of teaching and to help meet critical shortages of adequately trained educational personnel.
- Public Broadcasting Act of 1967* (Public Law 90-129) established a Corporation for Public Broadcasting to assume major responsibility in channeling federal funds to noncommercial radio and television stations, program production groups, and educational television networks; conduct research, demonstration, or training in matters related to noncommercial broadcasting; and award grants for construction of educational radio and television facilities.
- 1968** *Elementary and Secondary Education Amendments of 1968* (Public Law 90-247) modified existing programs and authorized support of regional centers for education of children with disabilities, model centers and services for deaf-blind children, recruitment of personnel and dissemination of information on education of children with disabilities; technical assistance in education to rural areas; support of dropout prevention projects; and support of bilingual education programs.
- Handicapped Children's Early Education Assistance Act* (Public Law 90-538) authorized pre-school and early education programs for children with disabilities.
- Vocational Education Amendments of 1968* (Public Law 90-576) modified existing programs and provided for a National Advisory Council on Vocational Education and collection and dissemination of information for programs administered by the Commissioner of Education.
- 1970** *Elementary and Secondary Education Assistance Programs, Extension* (Public Law 91-230) authorized comprehensive planning and evaluation grants to state and local education agencies; provided for the establishment of a National Commission on School Finance.
- National Commission on Libraries and Information Science Act* (Public Law 91-345) established a National Commission on Libraries and Information Science to effectively utilize the nation's educational resources.
- Office of Education Appropriation Act* (Public Law 91-380) provided emergency school assistance to desegregating local education agencies.
- Environmental Education Act* (Public Law 91-516) established an Office of Environmental Education to develop curriculum and initiate and maintain environmental education programs at the elementary/secondary levels; disseminate information; provide training programs for teachers and other educational, public, community, labor, and industrial leaders and employees; provide community education programs; and distribute material dealing with the environment and ecology.
- Drug Abuse Education Act of 1970* (Public Law 91-527) provided for development, demonstration, and evaluation of curricula on the problems of drug abuse.
- 1971** *Comprehensive Health Manpower Training Act of 1971* (Public Law 92-257) amended Title VII of the Public Health Service Act, increasing and expanding provisions for health manpower training and training facilities.
- 1972** *Drug Abuse Office and Treatment Act of 1972* (Public Law 92-255) established a Special Action Office for Drug Abuse Prevention to provide overall planning and policy for all federal drug-abuse prevention functions; a National Advisory Council for Drug Abuse Prevention; community assistance grants for community mental health centers for treatment and rehabilitation of people with drug-abuse problems; and, in December 1974, a National Institute on Drug Abuse.
- Education Amendments of 1972* (Public Law 92-318) established the Education Division in the U.S. Department of Health, Education, and Welfare and the National Institute of Education; general aid for higher education institutions; federal matching grants for state Student Incentive Grants; a National Commission on Financing Postsecondary Education; State Advisory Councils on Community Colleges; a Bureau of Occupational and Adult Education and State Grants for the design, establishment, and conduct of postsecondary occupational education; and a bureau-level Office of Indian Education. Amended current U.S. Department of Education programs to increase their effectiveness and better meet special needs. Prohibited

sex bias in admission to vocational, professional, and graduate schools, and public institutions of undergraduate higher education.

- 1973** *Older Americans Comprehensive Services Amendment of 1973* (Public Law 93-29) made available to older citizens comprehensive programs of health, education, and social services.

*Comprehensive Employment and Training Act of 1973* (Public Law 93-203) provided for employment and training opportunities for unemployed and underemployed people. Extended and expanded provisions in the Manpower Development and Training Act of 1962, Title I of the Economic Opportunity Act of 1962, Title I of the Economic Opportunity Act of 1964, and the Emergency Employment Act of 1971 as in effect prior to June 30, 1973.

- 1974** *Education Amendments of 1974* (Public Law 93-380) provided for the consolidation of certain programs and established a National Center for Education Statistics.

*Juvenile Justice and Delinquency Prevention Act of 1974* (Public Law 93-415) provided for technical assistance, staff training, centralized research, and resources to develop and implement programs to keep students in elementary and secondary schools; and established, in the U.S. Department of Justice, a National Institute for Juvenile Justice and Delinquency Prevention.

- 1975** *Indian Self-Determination and Education Assistance Act* (Public Law 93-638) provided for increased participation of American Indians/Alaska Natives in the establishment and conduct of their education programs and services.

*Harry S Truman Memorial Scholarship Act* (Public Law 93-642) established the Harry S Truman Scholarship Foundation and created a perpetual education scholarship fund for young Americans to prepare for and pursue careers in public service.

*Education for All Handicapped Children Act* (Public Law 94-142) provided that all children with disabilities have available to them a free appropriate education designed to meet their unique needs.

- 1976** *Educational Broadcasting Facilities and Telecommunications Demonstration Act of 1976* (Public Law 94-309) established a telecommunications demonstration program to promote the development of nonbroadcast telecommunications facilities and services for the transmission, distribution, and delivery of health, education, and public or social service information.

- 1977** *Youth Employment and Demonstration Projects Act of 1977* (Public Law 95-93) established a youth employment training program including, among other activities, promotion of education-to-work transition, literacy training and bilingual training, and attainment of certificates of high school equivalency.

*Career Education Incentive Act* (Public Law 95-207) authorized the establishment of a career education program for elementary and secondary schools.

- 1978** *Tribally Controlled Community College Assistance Act of 1978* (Public Law 95-471) provided federal funds for the operation and improvement of tribally controlled community colleges for American Indian/Alaska Native students.

*Middle Income Student Assistance Act* (Public Law 95-566) modified the provisions for student financial assistance programs to allow middle-income as well as low-income students attending college or other postsecondary institutions to qualify for federal education assistance.

- 1979** *Department of Education Organization Act* (Public Law 96-88) established a U.S. Department of Education containing functions from the Education Division of the U.S. Department of Health, Education, and Welfare (HEW) along with other selected education programs from HEW, the U.S. Department of Justice, U.S. Department of Labor, and the National Science Foundation.

- 1980** *Asbestos School Hazard Detection and Control Act of 1980* (Public Law 96-270) established a program for inspection of schools for detection of hazardous asbestos materials and provided loans to assist educational agencies to contain or remove and replace such materials.

- 1981** *Education Consolidation and Improvement Act of 1981* (Part of Public Law 97-35) consolidated 42 programs into 7 programs to be funded under the elementary and secondary block grant authority.

- 1983** *Student Loan Consolidation and Technical Amendments Act of 1983* (Public Law 98-79) established an 8 percent interest rate for Guaranteed Student Loans and an extended Family Contribution Schedule.

*Challenge Grant Amendments of 1983* (Public Law 98-95) amended Title III of the Higher Education Act of 1965, and added authorization of the Challenge Grant program. The Challenge Grant program provides funds to eligible institutions on a matching basis as an incentive to seek alternative sources of funding.

*Education of the Handicapped Act Amendments of 1983* (Public Law 98-199) added the Architectural Barrier amendment (providing funds for altering existing buildings and equipment to make them accessible to those with physical disabilities) and clarified participation of children with disabilities in private schools.

- 1984** *Education for Economic Security Act* (Public Law 98-377) added new science and mathematics programs for elementary, secondary, and postsecondary education. The new programs included magnet schools, excellence in education, and equal access.

- Carl D. Perkins Vocational Education Act* (Public Law 98-524) continued federal assistance for vocational education through FY 1989. The act replaced the Vocational Education Act of 1963. It provided aid to the states to make vocational education programs accessible to all people, including disabled and disadvantaged, single parents and homemakers, and the incarcerated.
- Human Services Reauthorization Act* (Public Law 98-558) created a Carl D. Perkins scholarship program, a National Talented Teachers Fellowship program, a Federal Merit Scholarships program, and a Leadership in Educational Administration program.
- 1985** *Montgomery GI Bill—Active Duty* (Public Law 98-525), brought about a new GI Bill for individuals who initially entered active military duty on or after July 1, 1985.
- Montgomery GI Bill—Selected Reserve* (Public Law 98-525), established an education program for members of the Selected Reserve (which includes the National Guard) who enlist, reenlist, or extend an enlistment after June 30, 1985, for a 6-year period.
- 1986** *Handicapped Children’s Protection Act of 1986* (Public Law 99-372) allowed parents of children with disabilities to collect attorneys’ fees in cases brought under the Education of the Handicapped Act and provided that the Education of the Handicapped Act does not preempt other laws, such as Section 504 of the Rehabilitation Act.
- Drug-Free Schools and Communities Act of 1986* (Part of Public Law 99-570) established programs for drug abuse education and prevention, coordinated with related community efforts and resources, through the use of federal financial assistance.
- 1988** *Augustus F. Hawkins-Robert T. Stafford Elementary and Secondary School Improvement Amendments of 1988* (Public Law 100-297) reauthorized through 1993 major elementary and secondary education programs, including Chapter 1, Chapter 2, Bilingual Education, Math-Science Education, Magnet Schools, Impact Aid, Indian Education, Adult Education, and other smaller education programs.
- Stewart B. McKinney Homeless Assistance Amendments Act of 1988* (Public Law 100-628) extended for 2 additional years programs providing assistance to the homeless, including literacy training for homeless adults and education for homeless youths.
- Tax Reform Technical Amendments* (Public Law 100-647) authorized an Education Savings Bond for the purpose of postsecondary educational expenses. The bill grants tax exclusion for interest earned on regular series EE savings bonds.
- 1989** *Childhood Education and Development Act of 1989* (Part of Public Law 101-239) authorized the appropriations to expand Head Start programs and programs carried out under the Elementary and Secondary Education Act of 1965 to include child care services.
- 1990** *Excellence in Mathematics, Science and Engineering Education Act of 1990* (Public Law 101-589) created a national mathematics and science clearinghouse and created several other mathematics, science, and engineering education programs.
- Student Right-To-Know and Campus Security Act* (Public Law 101-542) required higher education institutions receiving federal financial assistance to provide certain information about graduation rates of student-athletes and about campus crime statistics and security policies. (The 1990 campus crime and security legislation, along with later acts that amended it, is generally referred to as “the Clery Act.”)
- Americans with Disabilities Act of 1990* (Public Law 101-336) prohibited discrimination against people with disabilities.
- National and Community Service Act of 1990* (Public Law 101-610) increased school and college-based community service opportunities and authorized the President’s Points of Light Foundation.
- 1991** *National Literacy Act of 1991* (Public Law 102-73) established the National Institute for Literacy, the National Institute Board, and the Interagency Task Force on Literacy. Amended various federal laws to establish and extend various literacy programs.
- High-Performance Computing Act of 1991* (Public Law 102-194) directed the President to implement a National High-Performance Computing Program. Provided for (1) establishment of a National Research and Education Network; (2) standards and guidelines for high-performance networks; and (3) the responsibility of certain federal departments and agencies with regard to the Network.
- Veterans’ Educational Assistance Amendments of 1991* (Public Law 102-127) restored certain educational benefits available to reserve and active-duty personnel under the Montgomery GI Bill to students whose courses of studies were interrupted by the Persian Gulf War.
- Civil Rights Act of 1991* (Public Law 102-166) amended the Civil Rights Act of 1964, the Age Discrimination in Employment Act of 1967, and the Americans with Disabilities Act of 1990, with regard to employment discrimination. Established the Technical Assistance Training Institute.
- 1992** *Ready-To-Learn Act* (Public Law 102-545) amended the General Education Provisions Act to establish Ready-To-Learn Television programs to support educational programming and related materials for preschool and elementary school children and their parents, child care providers, and educators.
- 1993** *Student Loan Reform Act* (Public Law 103-66) reformed the student aid process by phasing in a system of direct lending designed to provide savings for taxpayers and students. Allows students to choose among a variety of repayment options, including income contingency.

*National Service Trust Act* (Public Law 103-82) amended the National and Community Service Act of 1990 to establish a Corporation for National Service. In addition, provided education grants up to \$4,725 per year for 2 years to people age 17 or older who perform community service before, during, or after postsecondary education.

- 1994** *Goals 2000: Educate America Act* (Public Law 103-227) established a new federal partnership through a system of grants to states and local communities to reform the nation's education system. The Act formalized the national education goals and established the National Education Goals Panel.

*School-to-Work Opportunities Act of 1994* (Public Law 103-239) established a national framework within which states and communities can develop School-to-Work Opportunities systems to prepare young people for first jobs and continuing education. The Act also provided money to states and communities to develop a system of programs that include work-based learning, school-based learning, and connecting activities components.

*Safe Schools Act of 1994* (Part of Public Law 103-227) authorized the award of competitive grants to local educational agencies with serious crime to implement violence prevention activities such as conflict resolution and peer mediation.

- 1996** *Contract With America: Unfunded Mandates* (Public Law 104-4) ended the imposition, in the absence of full consideration by Congress, of federal mandates on state, local, and tribal governments without adequate funding, in a manner that may displace other essential governmental priorities; and ensured that the federal government pays the costs incurred by those governments in complying with certain requirements under federal statutes and regulations.

- 1997** *The Taxpayer Relief Act of 1997* (Public Law 105-34) enacted the Hope Scholarship and Life-Long Learning Tax Credit provisions into law.

*Emergency Student Loan Consolidation Act of 1997* (Public Law 105-78) amended the Higher Education Act of 1965 to provide for improved student loan consolidation services.

- 1998** *Workforce Investment Act of 1998* (Public Law 105-220) enacted the Adult Education and Family Literacy Act, and substantially revised and extended, through FY 2003, the Rehabilitation Act of 1973.

*Jeanne Clery Disclosure of Campus Security Policy and Campus Crime Statistics Act* (Public Law 105-244) expanded crime categories that must be reported by postsecondary institutions.

*Omnibus Consolidated and Emergency Supplemental Appropriations Act, 1999* (Public Law 105-277) enacted the Reading Excellence Act, to promote the ability of children to read independently by the third grade; and earmarked funds to help states and school districts reduce class sizes in the early grades.

*Charter School Expansion Act* (Public Law 105-278) amended the charter school program, enacted in 1994 as Title X, Part C of the Elementary and Secondary Education Act of 1965.

*Carl D. Perkins Vocational and Applied Technology Education Amendments of 1998* (Public Law 105-332) revised, in its entirety, the Carl D. Perkins Vocational and Applied Technology Education Act, and reauthorized the Act through FY 2003.

*Assistive Technology Act of 1998* (Public Law 105-394) replaced the Technology-Related Assistance for Individuals with Disabilities Act of 1988 with a new Act, authorized through FY 2004, to address the assistive-technology needs of individuals with disabilities.

- 1999** *Education Flexibility Partnership Act of 1999* (Public Law 106-25) authorized the Secretary of Education to allow all states to participate in the Education Flexibility Partnership program.

*District of Columbia College Access Act of 1999* (Public Law 106-98) established a program to afford high school graduates from the District of Columbia the benefits of in-state tuition at state colleges and universities outside the District of Columbia.

- 2000** *The National Defense Authorization Act for Fiscal Year 2001* (Public Law 106-398) included, as Title XVIII, the Impact Aid Reauthorization Act of 2000, which extended the Impact Aid programs through FY 2003.

*College Scholarship Fraud Prevention Act of 2000* (Public Law 106-420) enhanced federal penalties for offenses involving scholarship fraud; required an annual scholarship fraud report by the Attorney General, the Secretary of Education, and the Federal Trade Commission (FTC); and required the Secretary of Education, in conjunction with the FTC, to maintain a scholarship fraud awareness website.

*Consolidated Appropriations Act 2001* (Public Law 106-554) created a new program of assistance for school repair and renovation, and amended the Elementary and Secondary Education Act of 1965 to authorize credit enhancement initiatives to help charter schools obtain, construct, or repair facilities; reauthorized the Even Start program; and enacted the Children's Internet Protection Act.

- 2001** *50th Anniversary of Brown v. the Board of Education* (Public Law 107-41) established a commission for the purpose of encouraging and providing for the commemoration of the 50th anniversary of the 1954 Supreme Court decision *Brown v. Board of Education*.

- 2002** *No Child Left Behind Act of 2001* (Public Law 107-110) provided for the comprehensive reauthorization of the Elementary and Secondary Education Act of 1965, incorporating specific proposals in such areas as testing, accountability, parental choice, and early reading.

*Education Sciences Reform Act* (Public Law 107-279) established the Institute of Education Sciences within the U.S. Department of Education to carry out a coordinated, focused agenda of high-quality research, statistics, and evaluation that is relevant to the educational challenges of the nation.

*The Higher Education Relief Opportunities for Students Act of 2001* (Public Law 107-122) provided the Secretary of Education with waiver authority over student financial aid programs under Title IV of the Higher Education Act of 1965, to deal with student and family situations resulting from the September 11, 2001, terrorist attacks.

Public Law 107-139 amended Title IV of the Higher Education Act to establish fixed interest rates for student and parent borrowers.

**2003** *The Higher Education Relief Opportunities for Students Act of 2003* (Public Law 108-76) provided the Secretary of Education with waiver authority over student financial aid programs under Title IV of the Higher Education Act of 1965, to deal with student and family situations resulting from wars or national emergencies.

**2004** *Assistive Technology Act of 2004* (Public Law 108-364) reauthorized the Assistive Technology program, administered by the Department of Education.

*Taxpayer-Teacher Protection Act of 2004* (Public Law 108-409) temporarily stopped excessive special allowance payments to certain lenders under the Federal Family Education Loan (FFEL) Program and increased the amount of loans that can be forgiven for certain borrowers who are highly qualified mathematics, science, and special education teachers who serve in high-poverty schools for 5 years.

*Individuals with Disabilities Education Improvement Act of 2004* (Public Law 108-446) provided a comprehensive reauthorization of the Individuals with Disabilities Education Act.

**2005** *Student Grant Hurricane and Disaster Relief Act* (Public Law 109-67) authorized the Secretary of Education to waive certain repayment requirements for students receiving campus-based federal grant assistance if they were residing in, employed in, or attending an institution of higher education located in a major disaster area, or their attendance was interrupted because of the disaster.

*Natural Disaster Student Aid Fairness Act* (Public Law 109-86) authorized the Secretary of Education during FY 2006 to reallocate campus-based student aid funds to institutions of higher learning in Louisiana, Mississippi, Alabama, and Texas, or institutions that had accepted students displaced by Hurricane Katrina or Rita. The law also waived requirements for matching funds that are normally imposed on institutions and students.

*Hurricane Education Recovery Act* (Public Law 109-148, provision in the Defense Department Appropriations Act for FY 2006) provided funds for states affected by Hurricane Katrina to restart school operations, provide temporary emergency aid for displaced students, and assist homeless youth. The law also permitted the Secretary of Education to extend deadlines under the Individuals with Disabilities Education Act for those affected by Katrina or Rita.

**2006** *Higher Education Reconciliation Act of 2005* (Public Law 109-171) made various amendments to programs of student financial assistance under Title IV of the Higher Education Act of 1965.

Public Law 109-211 reauthorized the “ED-FLEX” program (under the Education Flexibility Partnership Act of 1999), under which the Secretary of Education permits states to waive certain requirements of federal statutes and regulations if they meet certain conditions.

*Carl D. Perkins Career and Technical Education Improvement Act of 2006* (Public Law 109-270) reauthorized the vocational and technical education programs under the Perkins Act through 2012.

**2007** *America COMPETES Act* (or “America Creating Opportunities to Meaningfully Promote Excellence in Technology, Education, and Science Act”) (Public Law 110-69) created new STEM (science, technology, engineering, and mathematics) education programs in various agencies, including the Department of Education.

*College Cost Reduction and Access Act of 2007* (Public Law 110-84) reduced interest rates on student loans and made other amendments to the Higher Education Act of 1965 to make college more accessible and affordable.

Public Law 110-93 made permanent the waiver authority of the Secretary of Education with respect to student financial assistance during a war or other military operation or national emergency.

**2008** *Ensuring Continued Access to Student Loans Act of 2008* (Public Law 110-227) provided various authorities to the Department of Education, among other provisions, to help ensure that college students and their parents continue to have access to loans in the tight credit market.

*Higher Education Opportunity Act* (Public Law 110-315) provided a comprehensive reauthorization of the Higher Education Act of 1965.

**2009** *American Recovery and Reinvestment Act of 2009* (Public Law 111-5) provided about \$100 billion to state education systems and supplemental appropriations for several Department of Education programs.

Public Law 111-39 made miscellaneous and technical amendments to the Higher Education Act of 1965.

**2010** *Health Care and Education Reconciliation Act of 2010* (Public Law 111-152) included, as Title II, the “SAFRA Act” (also known as the “Student Aid and Fiscal Responsibility Act”). The SAFRA Act ended the federal government’s role in subsidizing financial institutions that make student loans through the Federal Family Education Loan (FFEL) Program under Part B of Title IV of the Higher Education Act of 1965 (HEA), and correspondingly expanded the Federal Direct Student Loan Program administered by the Department of Education under Part D of Title IV of the HEA.

Public Law 111-226 provided an additional \$10 billion to states and school districts, through an “Education Jobs Fund” modeled closely on the State Fiscal Stabilization Fund created by the 2009 Recovery Act, to hire (or avoid laying off) teachers and other educators.

**2013** *The Bipartisan Student Loan Certainty Act of 2013* (Public Law 113-28) amended the Higher Education Act of 1965 (HEA) to govern the interest rates on the various categories of student loans under Title IV of the HEA.

*Violence Against Women Reauthorization Act of 2013* (Public Law 113-4) amended the Clery Act, increasing the responsibility of postsecondary institutions to prevent, address, and report crimes on campus.

**2014** *Workforce Innovation and Opportunity Act* (Public Law 113-128) amended the Workforce Investment Act of 1998 to strengthen the U.S. workforce development system through innovation in, and alignment and improvement of, employment, training, and education programs in the United States, and to promote individual and national economic growth, and for other purposes.

Public Law 113-174 extended the National Advisory Committee on Institutional Quality and Integrity and the Advisory Committee on Student Financial Assistance for 1 year.

**2015** *Need-Based Educational Aid Act of 2015* (Public Law 114-44) amended the Improving America’s Schools Act of 1994 to extend through FY 2022 the antitrust exemption that allows higher education institutions that admit all students on a need-blind basis to enter or attempt to enter into agreements among themselves regarding the administration of need-based financial aid.

*STEM Education Act of 2015* (Public Law 114-59) defined STEM education to include computer science, and provided for continued support for existing STEM education programs at the National Science Foundation.

*Every Student Succeeds Act* (Public Law 114-95) reauthorized and amended the Elementary and Secondary Education Act of 1965, incorporating provisions to expand state responsibility over schools, provide grants to charter schools, and reduce the federal test-based accountability system of the No Child Left Behind Act.

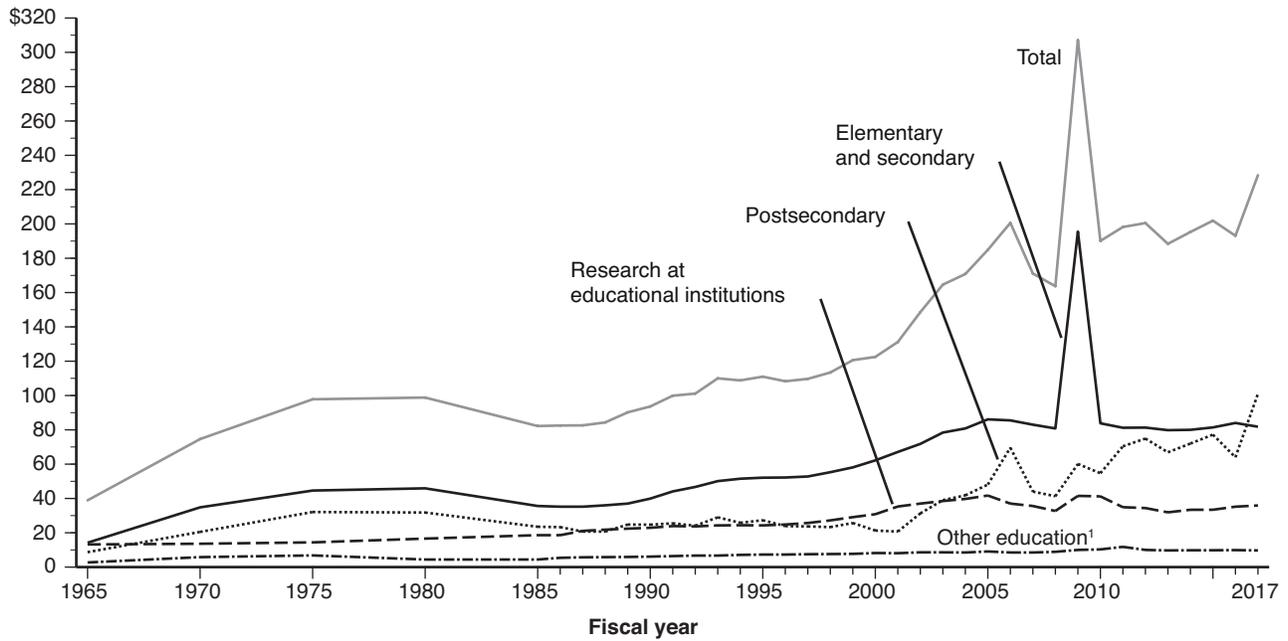
*Federal Perkins Loan Program Extension Act of 2015* (Public Law 114-105) temporarily extended the Federal Perkins Loan program, allowing continued disbursement of loans to current undergraduate borrowers through September 30, 2017.

**2016** *National Defense Authorization Act for Fiscal Year 2017* (Public Law 114-328) authorizes appropriations to continue assistance to local educational agencies that benefit dependents of members of the Armed Forces and Department of Defense civilian employees, including assistance to schools with significant numbers of military dependents as well as impact aid for children with severe disabilities.

**2017** *Hurricanes Harvey, Irma, and Maria Education Relief Act of 2017* (Public Law 115-64) provides educational relief in areas for which the President has declared a major disaster or an emergency as a result of Hurricanes Harvey, Irma, or Maria or Tropical Storms Harvey, Irma, or Maria.

**Figure 20. Federal on-budget funds for education, by level or other educational purpose: Selected years, 1965 through 2017**

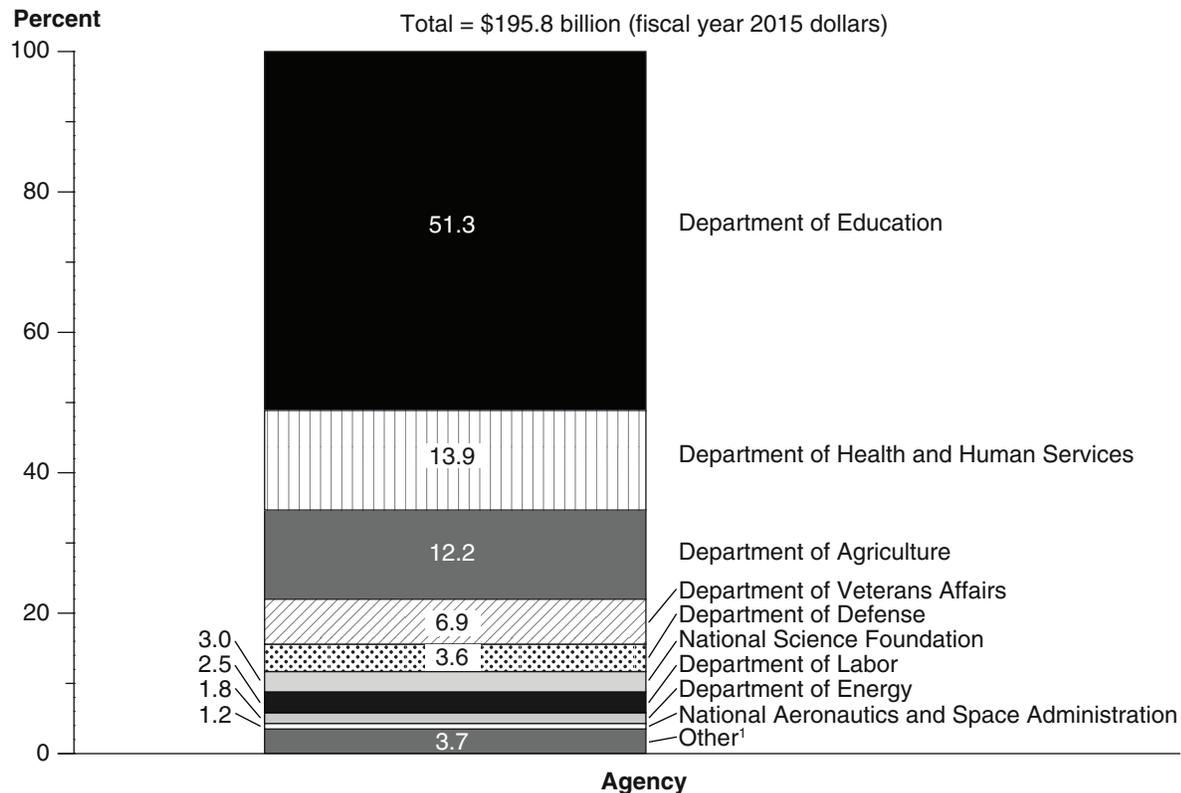
Billions of constant fiscal year 2017 dollars



<sup>1</sup>Other education includes libraries, museums, cultural activities, and miscellaneous research.

NOTE: On-budget funds are tied to appropriations for education programs. The increases in postsecondary expenditures in 2006 and 2017 resulted primarily from accounting adjustments. Amounts for 2009 include funds from the American Recovery and Reinvestment Act of 2009 (ARRA). Data for research at educational institutions are estimated for 2016 and 2017. SOURCE: U.S. Department of Education, Budget Service, unpublished tabulations. U.S. Department of Education, National Center for Education Statistics, unpublished tabulations. U.S. Office of Management and Budget, *Budget of the U.S. Government, Appendix*, fiscal years 1967 through 2018. National Science Foundation, *Federal Funds for Research and Development*, fiscal years 1967 through 2016.

**Figure 21. Percentage distribution of federal on-budget funds for education, by agency: Fiscal year 2015**



<sup>1</sup>In addition to the nine agencies shown in this figure, other agencies provide smaller amounts of funding for education.

NOTE: On-budget funds are tied to federal appropriations for education programs. Graphic display was generated using unrounded data. Detail may not sum to totals because of rounding. SOURCE: U.S. Department of Education, National Center for Education Statistics, unpublished tabulations. U.S. Office of Management and Budget, *Budget of the U.S. Government, Appendix*, fiscal year 2016. National Science Foundation, *Federal Funds for Research and Development*, fiscal year 2016.

**Table 401.10. Federal support and estimated federal tax expenditures for education, by category: Selected fiscal years, 1965 through 2017**  
[In thousands of dollars]

Fiscal year	Total on-budget support, off-budget support, and nonfederal funds generated by federal legislation	On-budget support <sup>1</sup>					Off-budget support and nonfederal funds generated by federal legislation									Estimated federal tax expenditures for education <sup>2</sup>
		Total	Elementary and secondary	Post-secondary	Other education <sup>3</sup>	Research at educational institutions	Total	Nonfederal funds								
								Off-budget support	Federal Family Education Loan Program <sup>4</sup>	Perkins Loans <sup>5</sup>	Income Contingent Loans <sup>7</sup>	Leveraging Educational Assistance Partnerships <sup>8</sup>	Supplemental Educational Opportunity Grants <sup>9</sup>	Work-Study Aid <sup>10</sup>		
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	
Current dollars																
1965.....	\$5,324,767	\$5,331,016	\$1,942,577	\$1,197,511	\$374,652	\$1,816,276	-\$6,249	†	†	\$16,111	†	†	†	-\$22,360	—	
1970.....	13,318,909	12,511,079	5,830,442	3,432,277	964,719	2,283,641	807,830	†	†	\$770,000	†	†	†	-\$30,986	47,840	
1975.....	24,412,487	23,288,120	10,617,195	7,644,037	1,608,478	3,418,410	1,124,367	†	†	1,233,000	†	†	†	-125,000	\$8,605,000	
1980.....	39,273,874	34,465,612	16,027,686	11,087,992	1,548,730	5,801,204	4,808,262	†	†	4,598,000	†	†	†	-8,477	110,161	
1985.....	47,642,802	39,027,876	16,901,334	11,174,379	2,107,588	8,844,575	8,614,926	†	†	8,467,000	†	†	†	-12,961	63,500	
1990.....	62,748,203	51,593,753	21,984,361	13,620,326	3,383,031	12,606,035	11,154,450	†	†	10,826,000	15,014	\$500	59,181	127,719	126,036	
1991.....	70,349,116	57,599,477	25,418,031	14,707,407	3,698,617	13,775,422	12,749,639	†	†	12,372,000	17,349	500	63,530	131,115	165,145	
1992.....	74,481,656	60,483,092	27,926,887	14,387,387	3,991,955	14,176,863	13,998,564	†	†	13,568,000	17,333	542	72,000	175,656	165,033	
1993.....	84,692,869	67,740,617	30,834,326	17,844,015	4,107,193	14,955,083	16,952,252	†	†	16,524,000	29,255	†	72,429	172,023	154,545	
1994.....	92,724,117	68,254,205	32,304,356	16,177,051	4,483,704	15,289,094	24,469,912	\$818,540	†	23,214,000	52,667	†	72,429	172,000	140,276	
1995.....	95,217,958	71,639,520	33,623,809	17,618,137	4,719,655	15,677,919	23,578,438	4,615,671	†	18,519,000	52,667	†	63,400	181,000	146,700	
1996.....	96,853,432	71,327,362	34,391,501	15,775,508	4,828,038	16,332,315	25,526,070	8,414,470	†	16,711,000	31,100	†	31,400	179,000	159,100	
1997.....	103,060,841	73,731,845	35,478,905	15,959,425	5,021,163	17,272,352	29,328,996	9,758,696	†	19,163,000	52,700	†	50,000	228,200	76,400	
1998.....	107,393,639	76,909,233	37,486,166	15,799,570	5,148,492	18,475,005	30,484,406	10,087,664	†	20,002,500	45,000	†	25,000	240,950	83,292	
1999.....	113,137,861	82,863,597	39,937,911	17,651,199	5,318,020	19,956,467	30,274,264	9,805,764	†	20,107,000	33,300	†	25,000	255,900	47,300	
2000.....	119,877,488	86,223,885	43,790,783	14,977,852	5,795,116	21,660,134	33,653,033	10,577,535	†	22,711,000	33,300	†	50,000	276,743	5,025	
2001.....	130,307,565	94,846,476	48,530,061	14,938,278	5,880,007	25,498,130	35,461,089	10,324,341	†	24,694,000	25,000	†	80,000	316,655	21,093	
2002.....	149,459,682	109,211,479	52,754,118	22,964,176	6,297,697	27,195,488	40,248,203	11,117,896	†	28,606,000	25,000	†	104,000	308,811	86,496	
2003.....	170,450,390	124,374,489	59,274,219	29,499,694	6,532,502	29,068,074	46,075,901	11,742,063	†	33,791,000	33,000	†	103,000	304,671	102,167	
2004.....	184,648,526	132,420,703	62,653,231	32,432,974	6,576,821	30,757,677	52,227,823	12,448,155	†	39,266,000	33,000	†	102,000	295,143	83,525	
2005.....	204,626,929	148,306,678	69,029,389	38,560,566	7,297,025	33,419,698	56,320,251	12,569,446	†	43,284,000	0	†	101,000	305,644	60,161	
2006 <sup>11</sup> .....	226,449,825	166,495,661	70,948,229	57,757,738	7,074,484	30,715,210	59,954,164	12,175,674	†	47,307,000	0	†	100,000	309,608	61,882	
2007.....	209,994,867	145,697,988	70,735,875	37,465,287	7,214,906	30,281,920	64,296,879	12,507,162	†	51,320,000	0	†	100,000	287,126	82,591	
2008.....	219,998,213	144,338,889	71,272,580	36,386,271	7,882,220	28,797,817	75,659,324	17,850,773	†	57,296,000	0	†	98,000	281,812	132,739	
2009 <sup>12</sup> .....	367,606,421	271,297,568	172,660,784	53,085,401	8,853,694	36,697,689	96,308,853	28,857,577	†	66,778,000	0	†	98,000	309,058	266,218	
2010.....	271,429,847	170,531,479	75,187,097	49,118,856	9,232,220	36,993,306	100,898,368	80,709,552	†	19,618,000	0	†	98,000	255,108	217,708	
2011.....	292,352,452	182,006,154	74,538,319	64,645,852	10,804,871	32,017,112	110,346,298	109,917,342	†	0	0	†	0	231,480	197,476	
2012.....	292,824,438	187,784,400	76,134,050	70,123,155	9,351,012	32,176,184	105,040,038	104,612,005	†	0	0	†	0	243,871	184,162	
2013.....	280,760,796	178,692,800	75,668,114	63,479,680	9,239,858	30,305,148	102,067,996	101,729,011	†	0	0	†	0	192,116	146,869	
2014.....	287,701,192	188,146,120	77,092,120	69,386,948	9,463,416	32,203,636	99,555,072	99,186,791	†	0	0	†	0	249,553	118,728	
2015.....	291,648,769	195,703,794	78,955,999	74,860,617	9,496,286	32,390,891	95,944,975	95,578,878	†	0	0	†	0	259,745	106,352	
2016.....	283,513,969	188,713,480	82,087,275	62,537,278	9,634,141	34,454,786	94,800,489	94,434,392	†	0	0	†	0	259,745 <sup>13</sup>	106,352 <sup>13</sup>	
2017 <sup>11</sup> .....	322,572,912	228,394,161	81,833,214	101,021,573	9,680,658	35,858,716	94,178,751	93,812,654	†	0	0	†	0	259,745 <sup>13</sup>	106,352 <sup>13</sup>	
Constant fiscal year 2017 dollars <sup>14</sup>																
1965.....	\$38,816,283	\$38,861,837	\$14,160,924	\$8,729,570	\$2,731,124	\$13,240,219	-\$45,554	†	†	\$117,445	†	†	†	-\$162,999	—	
1970.....	79,401,458	74,585,532	34,758,522	20,461,721	5,751,229	13,614,060	4,815,926	†	†	\$4,590,400	125,050	†	†	285,201	—	
1975.....	102,550,562	97,827,386	44,600,098	32,110,628	6,756,801	14,359,859	4,723,176	†	†	5,179,515	149,828	†	†	-\$184,725	\$36,147,386	
1980.....	112,533,416	98,756,060	45,924,939	31,770,984	4,437,654	16,622,483	13,777,356	†	†	13,174,882	91,055	†	†	-24,290	38,166,469	
1985.....	100,402,860	82,247,689	35,618,020	23,548,984	4,441,519	18,639,135	18,155,171	†	†	17,843,430	45,071	†	†	-27,314	40,262,045	
1990.....	113,896,489	93,649,651	39,904,593	24,722,737	6,140,660	22,881,661	20,246,838	†	†	19,650,657	27,252	\$908	107,422	231,827	34,560,180	
1991.....	122,038,361	99,920,882	44,094,013	25,513,723	6,416,188	23,896,959	22,117,478	†	†	21,462,368	30,096	867	110,209	227,452	32,951,639	
1992.....	124,532,097	101,126,729	46,693,293	24,055,473	6,674,483	23,703,480	23,405,367	†	†	22,685,472	28,980	906	120,383	293,694	33,356,070	
1993.....	137,522,658	109,995,916	50,068,188	28,974,770	6,669,181	24,283,777	27,526,742	†	†	26,831,355	47,504	†	117,609	279,328	34,115,635	
1994.....	147,849,258	108,831,811	51,509,523	25,794,422	7,149,298	24,378,568	39,017,448	\$1,305,169	†	37,014,886	83,978	†	115,489	274,255	36,083,694	

See notes at end of table.

**Table 401.10. Federal support and estimated federal tax expenditures for education, by category: Selected fiscal years, 1965 through 2017—Continued**  
[In thousands of dollars]

Fiscal year	Total on-budget support, off-budget support, and nonfederal funds generated by federal legislation	On-budget support <sup>1</sup>					Off-budget support and nonfederal funds generated by federal legislation									Estimated federal tax expenditures for education <sup>2</sup>
		Total	Elementary and secondary	Post-secondary	Other education <sup>3</sup>	Research at educational institutions	Total	Off-budget support	Nonfederal funds							
									Federal Family Education Loan Program <sup>5</sup>	Perkins Loans <sup>6</sup>	Income Contingent Loans <sup>7</sup>	Leveraging Educational Assistance Partnerships <sup>8</sup>	Supplemental Educational Opportunity Grants <sup>9</sup>	Work-Study Aid <sup>10</sup>		
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	
1995.....	147,544,827	111,008,898	52,101,717	27,300,155	7,313,333	24,293,693	36,535,929	7,152,206	28,696,085	81,610	†	98,241	280,468	227,319	38,118,889	
1996.....	147,000,631	108,258,086	52,198,174	23,943,495	7,327,821	24,788,596	38,742,545	12,771,178	25,363,350	47,202	†	47,658	271,680	241,476	39,977,898	
1997.....	153,277,953	109,658,200	52,766,248	23,735,766	7,467,760	25,688,426	43,619,753	14,513,688	28,500,305	78,378	†	74,363	339,392	113,626	41,829,102	
1998.....	158,328,348	113,385,783	55,265,124	23,292,998	7,590,321	27,237,340	44,942,565	14,872,046	29,489,296	66,343	†	36,857	355,228	122,796	43,550,246	
1999.....	164,695,091	120,624,763	58,137,725	25,694,898	7,741,456	29,050,683	44,070,328	14,274,277	29,269,814	48,475	†	36,393	372,514	68,855	54,385,053	
2000.....	170,280,181	122,476,863	62,202,692	21,275,315	8,231,682	30,767,174	47,803,318	15,024,878	32,259,878	47,301	†	71,023	393,100	7,138	56,072,331	
2001.....	180,277,642	131,218,007	67,140,269	20,666,778	8,134,860	35,276,100	49,059,634	14,283,498	34,163,604	34,587	†	110,678	438,085	29,182	57,358,995	
2002.....	203,393,804	148,621,608	71,791,005	31,251,044	8,570,288	37,009,270	54,772,196	15,129,907	38,928,781	34,022	†	141,530	420,249	117,709	—	
2003.....	225,586,728	164,606,452	78,447,911	39,042,090	8,645,599	38,470,852	60,980,276	15,540,320	44,721,523	43,675	†	136,318	403,224	135,215	—	
2004.....	238,141,485	170,783,183	80,803,968	41,828,856	8,482,136	39,668,223	67,358,302	16,054,404	50,641,420	42,560	†	131,550	380,646	107,722	—	
2005.....	255,102,023	184,889,319	86,056,790	48,072,257	9,096,974	41,663,297	70,212,704	15,669,937	53,960,815	0	†	125,914	381,037	75,001	—	
2006 <sup>11</sup> .....	272,872,642	200,627,715	85,492,805	69,598,228	8,524,772	37,011,910	72,244,927	14,671,720	57,005,061	0	†	120,500	373,078	74,568	—	
2007.....	246,536,544	171,051,221	83,044,783	43,984,705	8,470,388	35,551,345	75,485,323	14,683,562	60,250,308	0	†	117,401	337,089	96,963	—	
2008.....	249,559,095	163,733,523	80,849,387	41,275,448	8,941,344	32,667,343	85,825,572	20,249,359	64,994,791	0	†	111,168	319,679	150,575	—	
2009 <sup>12</sup> .....	416,167,229	307,135,976	195,469,274	60,097,982	10,023,267	41,545,454	109,031,253	32,669,663	75,599,374	0	†	110,946	349,885	301,385	—	
2010.....	302,535,916	190,074,517	83,803,596	54,747,914	10,290,240	41,232,767	112,461,398	89,958,928	21,866,238	0	†	109,231	284,344	242,658	—	
2011.....	318,395,585	198,219,497	81,178,288	70,404,588	11,767,383	34,869,238	120,176,088	119,708,920	0	0	†	0	252,101	215,067	—	
2012.....	312,653,538	200,500,537	81,289,595	74,871,662	9,984,231	34,355,049	112,153,001	111,695,983	0	0	†	0	260,385	196,633	—	
2013.....	295,949,066	188,359,515	79,761,519	66,913,730	9,739,705	31,944,561	107,589,551	107,232,228	0	0	†	0	202,509	154,814	—	
2014.....	298,648,926	195,305,540	80,025,664	72,027,291	9,823,522	33,429,063	103,343,386	102,961,091	0	0	†	0	259,049	123,246	—	
2015.....	300,815,936	201,855,197	81,437,761	77,213,652	9,794,776	33,409,008	98,960,738	98,583,134	0	0	†	0	267,909	109,695	—	
2016.....	290,047,139	193,062,110	83,978,857	63,978,359	9,856,146	35,248,747 <sup>13</sup>	96,985,030	96,610,497	0	0	†	0	265,730 <sup>13</sup>	108,803 <sup>13</sup>	—	
2017 <sup>11</sup> .....	322,572,912	228,394,161	81,833,214	101,021,573	9,680,658	35,858,716 <sup>13</sup>	94,178,751	93,812,654	0	0	†	0	259,745 <sup>13</sup>	106,352 <sup>13</sup>	—	

—Not available.

†Not applicable.

<sup>1</sup>On-budget support includes federal funds for education programs tied to appropriations. Excludes federal support for medical education benefits under Medicare in the U.S. Department of Health and Human Services. Benefits are excluded because data before fiscal year (FY) 1990 are not available. This program has existed since Medicare began, but was not available as a separate budget item until FY 1990. Excluded amounts range from an estimated \$4,440,000,000 in FY 1990 to an estimated \$13,000,000,000 in FY 2017.

<sup>2</sup>Losses of tax revenue attributable to provisions of the federal income tax laws that allow a special exclusion, exemption, or deduction from gross income or provide a special credit, preferential rate of tax, or a deferral of tax liability affecting individual or corporate income tax liabilities.

<sup>3</sup>Other education includes libraries, museums, cultural activities, and miscellaneous research.

<sup>4</sup>The William D. Ford Federal Direct Loan Program (commonly referred to as the Direct Loan Program) provides students with the same benefits they were eligible to receive under the Federal Family Education Loan (FFEL) Program, but provides loans to students through federal capital rather than through private lenders.

<sup>5</sup>The Federal Family Education Loan (FFEL) Program, formerly known as the Guaranteed Student Loan Program, provided student loans guaranteed by the federal government and disbursed to borrowers. Since June 30, 2010, no new FFEL loans have been originated; all new loans are originated through the Direct Loan Program.

<sup>6</sup>Student loans created from institutional matching funds (since 1993, one-third of federal capital contributions). Excludes repayments of outstanding loans.

<sup>7</sup>Student loans created from institutional matching funds (one-ninth of federal contributions). This was a demonstration project that involved only 10 institutions and had unsubsidized interest rates. Program repealed in fiscal year 1992.

<sup>8</sup>Formerly the State Student Incentive Grant Program. Starting in fiscal year 2000, amounts under \$30.0 million have required dollar-for-dollar state matching contributions, while amounts over \$30.0 million have required two-to-one state matching contributions.

<sup>9</sup>Institutions award grants to undergraduate students, and the federal share of such grants may not exceed 75 percent of the total grant.

<sup>10</sup>Employer contributions to student earnings are generally one-third of federal allocation.

<sup>11</sup>The increases in postsecondary expenditures in 2006 and 2017 resulted primarily from accounting adjustments.

<sup>12</sup>All education funds from the American Recovery and Reinvestment Act of 2009 (ARRA) are included in the FY 2009 row of this table. Most of these funds had a 2-year availability, meaning that they were available for the U.S. Department of Education to obligate during FY 2009 and FY 2010.

<sup>13</sup>Estimated.

<sup>14</sup>Data adjusted by the federal budget composite deflator, as reported in the U.S. Office of Management and Budget's *Budget of the U.S. Government, Historical Tables, Fiscal Year 2018*.

NOTE: To the extent possible, federal education funds data do not represent obligations, but instead represent appropriations or (especially for earlier years) outlays. Negative amounts occur when program receipts exceed outlays. Some data have been revised from previously published figures. Detail may not sum to totals because of rounding.

SOURCE: U.S. Department of Education, Budget Service, unpublished tabulations. U.S. Department of Education, National Center for Education Statistics, unpublished tabulations. U.S. Office of Management and Budget, *Budget of the U.S. Government, Appendix*, fiscal years 1967 through 2018. National Science Foundation, *Federal Funds for Research and Development*, fiscal years 1967 through 2016. (This table was prepared May 2018.)

**Table 401.20. Federal on-budget funds for education, by agency: Selected fiscal years, 1970 through 2016**  
 [In thousands of dollars]

Agency	1970	1980	1990 <sup>1</sup>	2000 <sup>1</sup>	2010 <sup>1</sup>	2011 <sup>1</sup>	2012 <sup>1</sup>	2013 <sup>1</sup>	2014 <sup>1</sup>	2015 <sup>1</sup>	2016 <sup>1</sup>
1	2	3	4	5	6	7	8	9	10	11	12
	Current dollars										
<b>Total</b> .....	<b>\$12,511,079</b>	<b>\$34,465,612</b>	<b>\$51,593,753</b>	<b>\$86,223,885</b>	<b>\$170,531,479</b>	<b>\$182,006,154</b>	<b>\$187,784,400</b>	<b>\$178,692,800</b>	<b>\$188,146,120</b>	<b>\$195,703,794</b>	<b>\$188,713,480</b>
Department of Education <sup>2</sup> .....	4,625,224	13,137,785	23,198,575	34,106,697	80,886,361	94,023,545	98,948,633	88,839,759	95,402,189	100,421,930	88,871,248
Department of Agriculture.....	960,910	4,562,467	6,260,843	11,080,031	19,719,460	20,078,832	20,578,995	22,354,763	21,739,689	23,855,189	24,827,596
Department of Commerce.....	13,990	135,561	53,835	114,575	303,000	242,778	205,085	235,936	275,521	272,897	314,255
Department of Defense.....	821,388	1,560,301	3,605,509	4,525,080	7,686,288	7,617,359	7,400,880	7,036,469	7,297,021	7,006,346	7,379,527
Department of Energy.....	551,527	1,605,558	2,561,950	3,577,004	3,402,600	2,994,903	2,983,055	2,941,159	3,288,681	3,484,388	3,890,836
Department of Health and Human Services.....	1,127,521	3,712,930	7,466,197	16,941,831	30,662,472	27,078,890	27,300,826	25,766,013	27,541,095	27,196,167	28,836,963
Department of Homeland Security.....	†	†	†	†	540,229	2,006,390	333,630	358,580	371,808	372,144	365,766
Department of Housing and Urban Development.....	114,709	5,314	118	1,400	400	1,600	300	4,500	100	1,100	1,000
Department of the Interior.....	175,555	412,657	599,948	928,939	1,008,316	1,006,683	939,075	873,040	944,214	947,975	1,016,268
Department of Justice.....	15,728	60,721	99,775	278,927	205,692	203,988	210,140	206,168	229,334	224,636	228,550
Department of Labor.....	424,494	1,862,738	2,511,380	4,696,100	4,845,735	4,358,353	4,898,863	4,729,187	4,837,010	4,827,861	5,024,580
Department of State.....	59,742	25,188	51,225	388,349	801,180	762,628	741,922	812,957	835,741	870,920	864,395
Department of Transportation.....	27,534	54,712	76,186	117,054	160,243	160,741	173,888	178,502	168,000	178,500	178,200
Department of the Treasury.....	18	1,247,463	41,715	83,000	†	†	†	†	†	†	†
Department of Veterans Affairs.....	1,032,918	2,351,233	757,476	1,577,374	8,795,010	10,581,176	10,905,455	12,616,616	13,085,173	13,517,156	13,960,336
<b>Other agencies and programs</b>											
ACTION.....	†	2,833	8,472	†	†	†	†	†	†	†	†
Agency for International Development.....	88,034	176,770	249,786	332,500	557,900	621,900	629,900	603,900	594,039	648,000	655,411
Appalachian Regional Commission.....	37,838	19,032	93	7,243	5,070	11,902	11,124	13,070	13,073	23,682	39,639
Barry Goldwater Scholarship and Excellence in Education Foundation.....	†	†	1,033	3,000	4,000	3,000	4,000	3,000	4,000	3,000	3,000
Corporation for National and Community Service.....	†	†	†	696,545	857,021	780,809	750,252	711,009	756,849	758,349	787,929
Environmental Protection Agency.....	19,446	41,083	87,481	98,900	54,700	79,200	87,200	73,700	86,100	68,600	55,800
Estimated education share of federal aid to the District of Columbia.....	33,019	81,847	104,940	127,127	159,670	155,643	151,381	217,160	210,732	147,424	129,091
Federal Emergency Management Agency.....	290	1,946	215	14,894	†	†	†	†	†	†	†
General Services Administration.....	14,775	34,800	†	†	†	†	†	†	†	†	†
Harry S Truman Scholarship fund.....	†	-1,895	2,883	3,000	2,000	1,000	1,200	1,500	1,000	1,000	1,000
Institute of American Indian and Alaska Native Culture and Arts Development.....	†	†	4,305	2,000	8,000	8,000	9,000	8,000	9,000	9,000	12,000
Institute of Museum and Library Services.....	†	†	†	166,000	282,251	237,393	231,954	219,821	226,860	227,860	230,000
James Madison Memorial Fellowship Foundation.....	†	†	191	7,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000
Japanese-United States Friendship Commission.....	†	2,294	2,299	3,000	2,000	3,700	3,700	3,700	3,000	3,000	3,000
Library of Congress.....	29,478	151,871	189,827	299,000	510,877	492,839	465,961	442,051	455,760	464,449	469,547
National Aeronautics and Space Administration.....	258,366	255,511	1,093,303	2,077,830	1,585,500	1,430,761	2,289,837	2,200,143	2,287,755	2,355,450	2,667,443
National Archives and Records Administration.....	†	†	77,397	121,879	339,000	349,000	391,500	371,022	386,630	381,730	389,073
National Commission on Libraries and Information Science.....	†	2,090	3,281	2,000	†	†	†	†	†	†	†
National Endowment for the Arts.....	340	5,220	5,577	10,048	14,413	13,495	16,595	13,910	15,426	13,509	14,364
National Endowment for the Humanities.....	8,459	142,586	141,048	100,014	142,654	131,135	136,100	114,171	117,533	120,216	121,925
National Science Foundation.....	295,628	808,392	1,588,891	2,955,244	5,533,530	5,127,990	5,534,426	5,302,011	5,476,858	5,808,512	5,871,729
Nuclear Regulatory Commission.....	†	32,590	42,328	12,200	14,500	14,000	8,600	5,400	9,400	8,000	5,000
Office of Economic Opportunity.....	1,092,410	†	†	†	†	†	†	†	†	†	†
Social Security Administration.....	669,333	1,901,000	489,814	729,036	1,313,000	1,312,200	1,329,500	1,326,300	1,365,200	1,373,500	1,377,500
Smithsonian Institution.....	2,461	5,153	5,779	25,764	63,107	67,322	65,422	65,483	68,529	70,053	74,609
U.S. Arms Control and Disarmament Agency.....	100	661	25	†	†	†	†	†	†	†	†
United States Information Agency.....	8,423	66,210	201,547	†	†	†	†	†	†	†	†
United States Institute of Peace.....	†	†	7,621	13,000	49,000	39,000	39,000	37,000	37,000	35,000	35,300
Other agencies.....	1,421	990	885	300	14,300	6,000	5,000	3,800	4,800	5,700	8,600

See notes at end of table.

**Table 401.20. Federal on-budget funds for education, by agency: Selected fiscal years, 1970 through 2016—Continued**  
[In thousands of dollars]

Agency	1970	1980	1990 <sup>1</sup>	2000 <sup>1</sup>	2010 <sup>1</sup>	2011 <sup>1</sup>	2012 <sup>1</sup>	2013 <sup>1</sup>	2014 <sup>1</sup>	2015 <sup>1</sup>	2016 <sup>1</sup>
1	2	3	4	5	6	7	8	9	10	11	12
	Constant fiscal year 2017 dollars <sup>3</sup>										
<b>Total</b> .....	<b>\$74,585,532</b>	<b>\$98,756,060</b>	<b>\$93,649,651</b>	<b>\$122,476,863</b>	<b>\$190,074,517</b>	<b>\$198,219,497</b>	<b>\$200,500,537</b>	<b>\$188,359,515</b>	<b>\$195,305,540</b>	<b>\$201,855,197</b>	<b>\$193,062,110</b>
Department of Education <sup>2</sup> .....	27,573,544	37,644,359	42,108,557	48,446,916	90,156,000	102,399,284	105,649,106	93,645,709	99,032,476	103,578,414	90,919,158
Department of Agriculture .....	5,728,521	13,073,067	11,364,278	15,738,649	21,979,325	21,867,480	21,972,536	23,564,085	22,566,937	24,605,010	25,399,712
Department of Commerce .....	83,402	388,430	97,718	162,748	337,724	264,405	218,973	248,699	286,005	281,475	321,497
Department of Defense .....	4,896,753	4,470,809	6,544,487	6,427,658	8,567,143	8,295,923	7,902,043	7,417,120	7,574,691	7,226,571	7,549,578
Department of Energy .....	3,287,961	4,600,486	4,650,286	5,080,961	3,792,541	3,261,693	3,185,058	3,100,266	3,413,823	3,593,910	3,980,495
Department of Health and Human Services .....	6,721,783	10,638,846	13,552,159	24,065,053	34,176,415	29,491,113	29,149,547	27,159,873	28,589,101	28,051,003	29,501,469
Department of Homeland Security .....	†	†	†	†	602,140	2,185,122	356,223	377,978	385,957	383,841	374,195
Department of Housing and Urban Development .....	683,844	15,226	214	1,989	446	1,743	320	4,743	104	1,135	1,023
Department of the Interior .....	1,046,581	1,182,407	1,088,987	1,319,513	1,123,870	1,096,360	1,002,666	920,268	980,143	977,772	1,039,686
Department of Justice .....	93,763	173,987	181,105	396,202	229,265	222,160	224,370	217,321	238,061	231,697	233,817
Department of Labor .....	2,530,646	5,337,397	4,558,495	6,670,583	5,401,060	4,746,601	5,230,598	4,985,021	5,021,070	4,979,611	5,140,364
Department of State .....	356,155	72,172	92,980	551,631	892,996	830,564	792,162	856,935	867,543	898,295	884,314
Department of Transportation .....	164,146	156,769	138,288	166,270	178,607	175,060	185,663	188,158	174,393	183,647	182,306
Department of the Treasury .....	107	3,574,419	75,718	117,897	†	†	†	†	†	†	†
Department of Veterans Affairs .....	6,157,801	6,737,107	1,374,922	2,240,584	9,802,925	11,523,761	11,643,936	13,299,135	13,583,096	13,942,030	14,282,032
<b>Other agencies and programs</b>											
ACTION .....	†	8,118	15,378	†	†	†	†	†	†	†	†
Agency for International Development .....	524,820	506,508	453,395	472,300	621,836	677,300	672,555	636,569	616,644	668,368	670,514
Appalachian Regional Commission .....	225,573	54,533	169	10,288	5,651	12,962	11,878	13,777	13,570	24,426	40,553
Barry Goldwater Scholarship and Excellence in Education Foundation .....	†	†	1,875	4,261	4,458	3,267	4,271	3,114	3,114	2,063	3,069
Corporation for National and Community Service .....	†	†	†	989,409	955,236	850,364	801,057	749,472	785,649	782,186	806,086
Environmental Protection Agency .....	115,928	117,717	158,790	140,483	60,969	86,255	93,105	77,687	89,376	70,756	57,086
Estimated education share of federal aid to the District of Columbia .....	196,845	234,520	190,480	180,578	177,968	169,508	161,632	228,908	218,751	152,058	132,066
Federal Emergency Management Agency .....	1,729	5,576	390	21,156	†	†	†	†	†	†	†
General Services Administration .....	88,082	99,714	†	†	†	†	†	†	†	†	†
Harry S Truman Scholarship fund .....	†	-5,430	5,233	4,261	2,229	1,089	1,281	1,581	1,038	1,031	1,023
Institute of American Indian and Alaska Native Culture and Arts Development .....	†	†	7,814	2,841	8,917	8,713	9,609	8,433	9,342	9,283	12,277
Institute of Museum and Library Services .....	†	†	†	235,795	314,597	258,540	247,661	231,713	235,493	235,022	235,300
James Madison Memorial Fellowship Foundation .....	†	†	347	9,943	2,229	2,178	2,135	2,108	2,076	2,063	2,046
Japanese-United States Friendship Commission .....	†	6,573	4,173	4,261	2,229	4,030	3,951	3,900	3,114	3,094	3,069
Library of Congress .....	175,735	435,164	344,562	424,715	569,424	536,742	497,514	465,965	473,103	479,048	480,367
National Aeronautics and Space Administration .....	1,540,264	732,129	1,984,493	2,951,457	1,767,200	1,558,215	2,444,897	2,319,164	2,374,810	2,429,487	2,728,910
National Archives and Records Administration .....	†	†	140,486	173,123	377,850	380,089	418,011	391,093	401,342	393,729	398,039
National Commission on Libraries and Information Science .....	†	5,989	5,955	2,841	†	†	†	†	†	†	†
National Endowment for the Arts .....	2,027	14,957	10,123	14,272	16,065	14,697	17,719	14,662	16,013	13,934	14,695
National Endowment for the Humanities .....	50,429	408,559	256,021	142,066	159,002	142,816	145,316	120,347	122,005	123,995	124,735
National Science Foundation .....	1,762,404	2,316,326	2,884,052	4,197,781	6,167,677	5,584,798	5,909,199	5,588,833	5,685,266	5,991,086	6,007,034
Nuclear Regulatory Commission .....	†	93,382	76,831	17,330	16,162	15,247	9,182	5,692	9,758	8,251	5,115
Office of Economic Opportunity .....	6,512,466	†	†	†	†	†	†	†	†	†	†
Social Security Administration .....	3,990,268	5,447,031	889,079	1,035,560	1,463,471	1,429,092	1,419,529	1,398,049	1,417,149	1,416,672	1,409,242
Smithsonian Institution .....	14,671	14,765	10,490	36,597	70,339	73,319	69,852	69,025	71,137	72,255	76,328
U.S. Arms Control and Disarmament Agency .....	596	1,894	45	†	†	†	†	†	†	†	†
United States Information Agency .....	50,214	189,715	365,835	†	†	†	†	†	†	†	†
United States Institute of Peace .....	†	†	13,833	18,466	54,615	42,474	41,641	39,002	38,408	36,100	36,113
Other agencies .....	8,471	2,837	1,606	426	15,939	6,534	5,339	4,006	4,983	5,879	8,798

†Not applicable.

<sup>1</sup>Excludes federal support for medical education benefits under Medicare in the U.S. Department of Health and Human Services. Benefits are excluded because data before fiscal year (FY) 1990 are not available. This program has existed since Medicare began, but was not available as a separate budget item until FY 1990. Excluded amounts are estimated as follows: \$4,440,000,000 in FY 1990, \$8,020,000,000 in FY 2000, \$9,080,000,000 in FY 2010, \$9,200,000,000 in FY 2011, \$9,800,000,000 in FY 2012, \$10,000,000,000 in FY 2013, \$11,530,000,000 in FY 2014, \$11,800,000,000 in FY 2015, and \$12,300,000,000 in FY 2016.

<sup>2</sup>The U.S. Department of Education was created in May 1980. It formerly was the Office of Education in the U.S. Department of Health, Education, and Welfare. This table does not include education funds from the American Recovery and Reinvestment Act of 2009 (ARRA) because these funds are included only in tables that show FY 2009. Most of these funds had a 2-year availability, meaning that they were available for the Department of Education to obligate during FY 2009 and FY 2010.

<sup>3</sup>Data adjusted by the federal budget composite deflator, as reported in the U.S. Office of Management and Budget's *Budget of the U.S. Government, Historical Tables, Fiscal Year 2018*.

NOTE: To the extent possible, amounts reported do not represent obligations, but instead represent appropriations or (especially for earlier years) outlays. Negative amounts occur when program receipts exceed outlays. Some data have been revised from previously published figures. Detail may not sum to totals because of rounding.

SOURCE: U.S. Department of Education, National Center for Education Statistics, unpublished tabulations. U.S. Office of Management and Budget, *Budget of the U.S. Government, Appendix*; and supplemental agency budget documents, fiscal years 1972 through 2017. National Science Foundation, *Federal Funds for Research and Development*, fiscal years 1970 through 2016. (This table was prepared May 2018.)

**Table 401.30. Federal on-budget funds for education, by level/educational purpose, agency, and program: Selected fiscal years, 1970 through 2017**  
 [In thousands of current dollars]

Level/educational purpose, agency, and program	1970	1980	1990 <sup>1</sup>	2000 <sup>1</sup>	2010 <sup>1</sup>	2011 <sup>1</sup>	2012 <sup>1</sup>	2013 <sup>1</sup>	2014 <sup>1</sup>	2015 <sup>1</sup>	2016 <sup>1</sup>	2017 <sup>1</sup>
1	2	3	4	5	6	7	8	9	10	11	12	13
<b>Total</b> .....	<b>\$12,511,079</b>	<b>\$34,465,612</b>	<b>\$51,593,753</b>	<b>\$86,223,885</b>	<b>\$170,531,479</b>	<b>\$182,006,154</b>	<b>\$187,784,400</b>	<b>\$178,692,800</b>	<b>\$188,146,120</b>	<b>\$195,703,794</b>	<b>\$188,713,480</b>	<b>\$228,394,161</b>
<b>Elementary/secondary education</b>	<b>5,830,442</b>	<b>16,027,686</b>	<b>21,984,361</b>	<b>43,790,783</b>	<b>75,187,097</b>	<b>74,538,319</b>	<b>76,134,050</b>	<b>75,668,114</b>	<b>77,092,120</b>	<b>78,955,999</b>	<b>82,087,275</b>	<b>81,833,214</b>
Department of Education <sup>2</sup> .....	2,719,204	6,629,095	9,681,313	20,039,563	39,646,475	38,652,240	38,601,561	36,589,382	37,488,221	37,394,190	38,648,865	37,568,343
Education for the disadvantaged.....	1,339,014	3,204,664	4,494,111	8,529,111	15,864,666	15,515,444	15,741,703	14,921,636	15,552,693	15,536,107	15,963,018	16,143,790
Impact aid program <sup>3</sup> .....	656,372	680,170	816,366	877,101	1,276,183	1,273,631	1,291,186	1,223,649	1,288,603	1,288,603	1,305,603	1,328,603
School improvement programs <sup>4</sup> .....	288,304	788,918	1,189,158	2,549,971	6,999,862	6,738,485	6,327,886	5,997,413	5,599,600	5,478,097	5,851,330	4,408,567
Indian education.....	↑	93,365	69,451	65,285	127,282	127,027	130,779	123,939	123,939	123,939	143,939	164,939
English Language Acquisition.....	21,250	169,540	188,919	362,662	750,000	733,530	732,144	693,848	723,400	737,400	737,400	737,400
Special education.....	79,090	821,777	1,616,623	4,948,977	12,587,035	12,526,672	12,640,709	11,982,364	12,497,300	12,522,358	12,930,812	13,064,358
Vocational and adult education <sup>5</sup> .....	335,174	860,661	1,306,685	1,462,977	2,016,447	1,737,451	1,737,154	1,646,533	1,702,686	1,707,686	1,716,763	1,720,686
Education Reform—Goals 2000 <sup>6</sup> .....	↑	↑	↑	1,243,479	↑	↑	↑	↑	↑	↑	↑	↑
Hurricane Education Recovery <sup>7</sup> .....	↑	↑	↑	↑	25,000	↑	↑	↑	↑	↑	↑	↑
Department of Agriculture.....	760,477	4,064,497	5,528,950	10,051,278	18,336,140	18,718,506	19,345,478	21,209,152	20,416,777	22,502,477	23,342,484	23,947,393
Child nutrition programs <sup>8</sup> .....	299,131	3,377,056	4,977,075	9,554,028	16,891,000	17,324,000	18,151,000	19,913,000	19,279,000	21,297,000	22,158,000	22,782,000
Special Milk Program <sup>9</sup> .....	83,800	159,293	18,707	↑	↑	↑	↑	↑	↑	↑	↑	↑
McGovern-Dole International Food for Education and Child Nutrition Program <sup>9</sup> .....	↑	↑	↑	210,000	199,000	184,000	175,000	185,000	192,000	202,000	201,000	201,000
Agricultural Marketing Service—commodities <sup>10</sup> .....	341,597	388,000	350,441	400,000	1,053,000	992,000	843,000	940,000	770,000	818,000	805,000	842,000
Estimated education share of Forest Service permanent appropriations.....	35,949	140,148	182,727	97,250	182,140	203,506	167,478	181,152	182,777	195,477	177,484	122,393
Department of Commerce.....	↑	54,816	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑
Local public works program—school facilities <sup>11</sup> .....	↑	54,816	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑
Department of Defense.....	143,100	370,846	1,097,876	1,485,611	1,981,321	2,047,825	2,132,046	2,220,611	2,193,877	2,035,763	2,073,071	2,110,994
Junior Reserve Officers Training Corps (JROTC).....	12,100	32,000	39,300	210,432	359,689	377,526	391,682	407,335	450,229	381,306	365,030	368,367
Overseas dependents schools.....	131,000	338,846	864,958	904,829	1,186,560	1,193,636	1,235,707	1,262,545	1,187,691	1,118,208	1,135,770	1,155,642
Domestic schools <sup>12</sup> .....	↑	193,618	370,350	435,072	476,663	504,657	550,731	555,957	536,249	572,271	572,271	586,985
Department of Energy.....	200	77,633	15,563	↑	↑	↑	↑	↑	↑	↑	↑	↑
Energy conservation for school buildings <sup>13</sup> .....	↑	77,240	15,213	↑	↑	↑	↑	↑	↑	↑	↑	↑
Pre-engineering program.....	200	393	350	↑	↑	↑	↑	↑	↑	↑	↑	↑
Department of Health and Human Services.....	↑	735,000	1,906,979	5,282,000	7,234,000	7,560,000	7,969,000	7,573,000	8,598,000	8,598,095	9,168,095	9,150,666
Head Start <sup>14</sup> .....	↑	735,000	1,447,758	5,267,000	7,234,000	7,560,000	7,969,000	7,573,000	8,598,000	8,598,095	9,168,095	9,150,666
Payments to states for Aid to Families with Dependent Children (AFDC) work programs <sup>15</sup> .....	↑	↑	459,221	15,000	↑	↑	↑	↑	↑	↑	↑	↑
Department of Homeland Security.....	↑	↑	↑	↑	505	504	454	364	273	301	339	390
Tuition assistance for educational accreditation—Coast Guard personnel <sup>16</sup> .....	↑	↑	↑	↑	505	504	454	364	273	301	339	390
Department of the Interior.....	140,705	318,170	445,267	725,423	781,075	815,877	782,335	742,546	782,405	805,293	880,066	879,896
Mineral Leasing Act and other funds <sup>17</sup> .....	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑
Payments to states—estimated education share.....	12,294	62,636	123,811	24,610	23,000	24,380	26,450	24,770	28,100	23,500	17,000	17,500
Payments to counties—estimated education share.....	16,359	48,953	102,522	53,500	50,000	53,000	58,000	53,970	61,300	51,200	37,100	38,000
Indian Education												
Bureau of Indian Education schools.....	95,850	178,112	192,841	466,905	580,492	583,572	631,477	597,412	622,382	641,353	672,943	671,664
Johnson-O'Malley assistance <sup>18</sup> .....	16,080	28,081	25,556	17,387	13,589	13,415	13,304	12,615	14,338	14,739	14,778	14,750
Education construction.....	↑	↑	↑	161,021	112,994	140,509	52,104	52,779	55,285	74,501	138,245	137,982
Education expenses for children of employees, Yellowstone National Park.....	122	388	538	2,000	1,000	1,000	1,000	1,000	1,000	↑	↑	↑
Department of Justice.....	8,237	23,890	65,997	224,800	137,529	140,525	141,877	137,061	143,939	141,167	141,194	137,171
Advanced occupational education <sup>19</sup> .....	↑	↑	↑	↑	137,529	140,525	↑	↑	↑	—	—	—
Vocational training expenses for prisoners in federal prisons <sup>19</sup> .....	2,720	4,966	2,066	1,000	↑	↑	↑	↑	↑	↑	↑	↑
Inmate programs <sup>19,20</sup> .....	5,517	18,924	63,931	223,800	—	—	141,877	137,061	143,939	141,167	141,194	137,171
Department of Labor.....	420,927	1,849,800	2,505,487	4,683,200	4,845,735	4,358,353	4,898,863	4,729,187	4,837,010	4,827,861	5,024,580	5,018,397
Job Corps <sup>21</sup> .....	↑	469,800	739,376	1,256,000	1,017,205	1,017,205	1,706,171	1,702,946	1,688,155	1,688,155	1,689,155	1,685,944
Training programs—estimated funds for education programs <sup>22,23</sup> .....	420,927	1,380,000	1,766,111	3,427,200	3,828,530	3,341,148	3,192,692	3,026,241	3,148,855	3,139,706	3,335,425	3,332,453
Department of Transportation.....	45	60	46	188	↑	↑	↑	↑	↑	↑	↑	↑
Tuition assistance for educational accreditation—Coast Guard personnel <sup>16</sup> .....	45	60	46	188	↑	↑	↑	↑	↑	↑	↑	↑
Department of the Treasury.....	↑	935,903	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑
Estimated education share of general revenue sharing <sup>24</sup>												
State <sup>25</sup> .....	↑	525,019	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑
Local.....	↑	410,884	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑

See notes at end of table.

**Table 401.30. Federal on-budget funds for education, by level/educational purpose, agency, and program: Selected fiscal years, 1970 through 2017—Continued**  
[In thousands of current dollars]

Level/educational purpose, agency, and program	1970	1980	1990 <sup>1</sup>	2000 <sup>1</sup>	2010 <sup>1</sup>	2011 <sup>1</sup>	2012 <sup>1</sup>	2013 <sup>1</sup>	2014 <sup>1</sup>	2015 <sup>1</sup>	2016 <sup>1</sup>	2017 <sup>1</sup>
1	2	3	4	5	6	7	8	9	10	11	12	13
Department of Veterans Affairs .....	338,910	545,786	155,351	445,052	760,476	778,373	808,898	949,143	1,079,832	1,161,750	1,332,166	1,522,533
Noncollegiate and job training programs <sup>26</sup> .....	281,640	439,993	12,848	†	†	†	†	†	†	†	†	†
Vocational rehabilitation for disabled veterans <sup>27</sup> .....	41,700	87,980	136,780	438,635	760,476	759,457	790,688	930,750	1,060,811	1,143,656	1,314,682	1,504,944
Veteran dependents' education <sup>28</sup> .....	15,570	17,813	5,723	6,417	—	18,916	18,210	18,393	19,021	18,094	17,484	17,589
Service Members Occupational Conversion Training Act of 1992 <sup>29</sup> .....	†	†	†	—	†	†	†	†	†	†	†	†
Other agencies												
Appalachian Regional Commission <sup>30</sup> .....	33,161	9,157	93	2,588	986	2,290	962	1,689	3,163	1,574	2,332	4,480
National Endowment for the Arts <sup>31</sup> .....	†	4,989	4,641	6,002	11,530	12,125	10,450	10,427	10,924	9,777	10,496	10,186
Arts in education .....	†	4,989	4,641	6,002	11,530	12,125	10,450	10,427	10,924	9,777	10,496	10,186
National Endowment for the Humanities .....	20	330	404	812	125	75	100	333	181	243	212	4,885
Office of Economic Opportunity <sup>32</sup> .....	1,072,375	†	†	†	†	†	†	†	†	†	†	†
Head Start <sup>14</sup> .....	325,700	†	†	†	†	†	†	†	†	†	†	†
Other elementary and secondary programs <sup>33</sup> .....	42,809	†	†	†	†	†	†	†	†	†	†	†
Job Corps <sup>21</sup> .....	144,000	†	†	†	†	†	†	†	†	†	†	†
Youth Corps and other training programs <sup>21</sup> .....	553,368	†	†	†	†	†	†	†	†	†	†	†
Volunteers in Service to America (VISTA) <sup>34</sup> .....	6,498	†	†	†	†	†	†	†	†	†	†	†
Social Security Administration <sup>35</sup> .....	167,333	342,000	489,814	729,036	1,313,000	1,312,200	1,329,500	1,326,300	1,365,200	1,373,500	1,377,500	1,362,700
Social Security student benefits <sup>36</sup> .....	167,333	342,000	489,814	729,036	1,313,000	1,312,200	1,329,500	1,326,300	1,365,200	1,373,500	1,377,500	1,362,700
Other programs												
Estimated education share of federal aid to the District of Columbia .....	25,748	65,714	86,579	115,230	138,200	139,426	112,526	178,919	172,318	104,008	85,875	115,180
<b>Postsecondary education .....</b>	<b>\$3,432,277</b>	<b>\$11,087,992</b>	<b>\$13,620,326</b>	<b>\$14,977,852</b>	<b>\$49,118,856</b>	<b>\$64,645,852</b>	<b>\$70,123,155</b>	<b>\$63,479,680</b>	<b>\$69,386,948</b>	<b>\$74,860,617</b>	<b>\$62,537,278</b>	<b>\$101,021,573</b>
Department of Education <sup>2</sup> .....	1,187,962	5,682,242	11,175,978	10,727,315	35,518,187	49,506,580	54,287,377	46,295,375	51,896,533	56,994,579	44,128,936	82,309,464
Student financial assistance .....	†	3,682,789	5,920,328	9,060,317	24,596,640	43,730,700	43,280,461	37,319,312	30,589,493	29,351,512	30,130,183	31,199,052
Direct Loan Program <sup>37,38</sup> .....	†	†	†	-2,862,240	3,481,859	2,781,709	6,917,373	3,273,880	16,254,117	23,660,742	9,878,116	37,028,295
Federal Family Education Loan Program <sup>38,39</sup> .....	2,323	1,407,977	4,372,446	2,707,473	4,274,364	177,001	1,359,963	3,102,483	2,269,320	1,362,692	1,446,784	11,155,845
Higher education .....	1,029,131	399,787	659,492	1,530,779	2,740,665	2,388,946	2,297,656	2,178,033	2,322,592	2,161,224	2,219,845	2,292,844
Facilities—loans and insurance .....	114,199	-19,031	19,219	-2,174	-8,360	-4,607	-8,513	-156	-109	-156	-68	-102
College housing loans <sup>40</sup> .....	†	14,082	-57,167	-41,886	-16,725	-13,265	-16,725	-1,176	-1,176	-1,176	-1,176	-1,176
Educational activities overseas .....	774	3,561	82	†	†	†	†	†	†	†	†	†
Historically Black Colleges and Universities Capital Financing, Program Account .....	†	†	†	150	23,330	23,289	32,160	20,227	55,184	50,629	42,140	221,594
Gallaudet College and Howard University .....	38,559	176,829	230,327	291,060	357,977	357,261	359,580	340,772	340,821	342,096	343,096	343,096
National Technical Institute for the Deaf .....	2,976	16,248	31,251	43,836	68,437	65,546	65,422	62,000	66,291	67,016	70,016	70,016
Department of Agriculture .....	†	10,453	31,273	30,676	80,697	81,658	81,658	75,387	82,986	82,986	84,686	84,525
Agriculture Extension Service, Second Morrill Act payments to agricultural and mechanical colleges and Tuskegee Institute .....	†	10,453	31,273	30,676	80,697	81,658	81,658	75,387	82,986	82,986	84,686	84,525
Department of Commerce .....	8,277	29,971	3,312	3,800	—	—	—	—	—	—	—	—
Sea Grant Program <sup>41</sup> .....	†	3,123	3,312	3,800	—	—	—	—	—	—	—	—
Merchant Marine Academy <sup>42</sup> .....	6,160	14,809	†	†	†	†	†	†	†	†	†	†
State marine schools <sup>42</sup> .....	2,117	12,039	†	†	†	†	†	†	†	†	†	†
Department of Defense .....	322,100	545,000	635,769	1,147,759	2,550,667	2,297,234	2,407,629	2,420,958	2,314,444	2,204,083	2,329,356	2,334,096
Tuition assistance for military personnel .....	57,500	—	95,300	263,303	669,892	567,412	590,626	564,604	580,848	520,817	571,613	540,099
Service academies .....	78,700	106,100	120,613	212,678	402,640	348,836	375,250	372,726	225,163	227,413	230,807	234,908
Senior Reserve Officers Training Corps (SROTC) .....	108,100	—	193,056	363,461	885,500	851,910	844,498	843,018	856,900	840,384	870,817	850,925
Professional development education <sup>43</sup> .....	77,800	—	226,800	308,317	592,635	529,076	597,255	640,610	651,533	615,469	656,119	708,164
Department of Energy .....	3,000	57,701	25,502	†	†	†	†	†	†	†	†	†
University laboratory cooperative program .....	3,000	2,800	9,402	†	†	†	†	†	†	†	†	†
Teacher development projects .....	†	1,400	†	†	†	†	†	†	†	†	†	†
Energy conservation for buildings—higher education <sup>13</sup> .....	†	53,501	7,459	†	†	†	†	†	†	†	†	†
Minority honors vocational training .....	†	†	†	†	†	†	†	†	†	†	†	†
Honors research program .....	†	†	6,472	†	†	†	†	†	†	†	†	†
Students and teachers .....	†	†	2,169	†	†	†	†	†	†	†	†	†
Department of Health and Human Services .....	479,483	853,058	578,542	954,190	1,292,556	1,398,643	1,363,081	1,267,355	1,309,981	1,364,045	1,466,395	1,492,350
Health professions training programs <sup>44</sup> .....	353,029	460,736	230,600	340,361	406,000	514,922	497,513	438,039	469,236	486,600	541,895	538,695
Indian health professions .....	†	7,187	9,508	16,000	46,000	41,000	41,000	32,000	32,000	48,000	48,000	48,000
National Health Service Corps scholarships .....	†	70,667	4,759	33,300	41,000	46,400	38,300	39,800	43,300	44,000	44,000	33,722
National Institutes of Health training grants <sup>45</sup> .....	†	176,388	241,356	550,220	775,186	772,000	762,000	734,000	738,000	758,000	804,000	843,000

See notes at end of table.

**Table 401.30. Federal on-budget funds for education, by level/educational purpose, agency, and program: Selected fiscal years, 1970 through 2017—Continued**  
 [In thousands of current dollars]

Level/educational purpose, agency, and program	1970	1980	1990 <sup>1</sup>	2000 <sup>1</sup>	2010 <sup>1</sup>	2011 <sup>1</sup>	2012 <sup>1</sup>	2013 <sup>1</sup>	2014 <sup>1</sup>	2015 <sup>1</sup>	2016 <sup>1</sup>	2017 <sup>1</sup>
1	2	3	4	5	6	7	8	9	10	11	12	13
National Institute for Occupational Safety and Health training grants.....	8,088	12,899	10,461	14,198	24,370	24,321	24,268	23,516	27,445	27,445	28,500	28,933
Alcohol, drug abuse, and mental health training programs <sup>46</sup> .....	118,366	122,103	81,353	†	†	†	†	†	†	†	†	†
Health teaching facilities <sup>47</sup> .....	†	3,078	505	110	†	†	†	†	†	†	†	†
Department of Homeland Security.....	†	†	†	†	45,824	49,604	48,592	43,468	35,632	34,205	39,447	15,770
Coast Guard Academy <sup>16</sup> .....	†	†	†	†	26,326	27,581	26,803	24,359	25,438	23,260	24,336	—
Postgraduate training for Coast Guard officers <sup>16</sup> .....	†	†	†	†	4,645	4,883	5,891	6,198	5,430	4,811	5,555	6,511
Tuition assistance to Coast Guard military personnel <sup>16</sup> .....	†	†	†	†	14,853	17,140	15,898	12,911	4,764	6,134	9,556	9,259
Department of Housing and Urban Development.....	114,199	†	†	†	†	†	†	†	†	†	†	†
College housing loans <sup>40</sup> .....	114,199	†	†	†	†	†	†	†	†	†	†	†
Department of the Interior.....	16,329	52,312	104,891	156,316	143,041	82,033	91,335	79,142	84,987	83,482	78,602	78,780
Shared revenues, Mineral Leasing Act and other receipts—estimated education share <sup>17</sup> .....	6,949	35,403	69,980	98,740	16,250	20,430	29,900	20,310	23,100	19,300	14,000	14,300
Indian programs												
Continuing education.....	9,380	16,909	34,911	57,576	126,791	61,603	61,435	58,832	61,887	64,182	64,602	64,480
Higher education scholarships.....	—	—	—	—	34,585	34,432	32,730	31,560	31,350	31,190	31,290	31,231
Department of State.....	30,850	†	2,167	319,000	657,660	620,050	601,770	577,864	567,811	594,915	599,211	589,777
Educational exchange <sup>48</sup> .....	30,850	†	†	319,000	657,660	620,050	601,770	577,864	567,811	594,915	599,211	589,777
Mutual educational and cultural exchange activities.....	30,454	†	†	303,000	635,000	599,550	583,200	559,180	567,811	594,915	599,211	589,777
International educational exchange activities <sup>49</sup> .....	396	†	†	16,000	22,660	20,500	18,570	18,684	†	†	†	†
Russian, Eurasian, and East European Research and Training.....	†	†	2,167	†	†	†	†	†	†	†	†	†
Department of Transportation.....	11,197	12,530	46,025	60,300	89,997	95,806	102,268	97,993	96,800	97,650	116,100	118,418
Merchant Marine Academy <sup>42</sup> .....	†	†	20,926	34,000	74,057	79,897	85,168	81,787	79,500	79,150	82,500	83,218
State marine schools <sup>42</sup> .....	†	†	8,269	7,000	15,940	15,909	17,100	16,206	17,300	18,500	33,600	35,200
Coast Guard Academy <sup>16</sup> .....	9,342	10,000	12,074	15,500	†	†	†	†	†	†	†	†
Postgraduate training for Coast Guard officers <sup>16</sup> .....	1,655	2,230	4,173	2,500	†	†	†	†	†	†	†	†
Tuition assistance to Coast Guard military personnel <sup>16</sup> .....	200	300	582	1,300	†	†	†	†	†	†	†	†
Department of the Treasury.....	†	296,750	†	†	†	†	†	†	†	†	†	†
General revenue sharing—estimated state share to higher education <sup>24,25</sup> .....	†	296,750	†	†	†	†	†	†	†	†	†	†
Department of Veterans Affairs.....	693,490	1,803,847	599,825	1,132,322	8,034,534	9,802,803	10,096,557	11,667,473	12,005,341	12,355,406	12,628,170	12,900,853
Vietnam-era veterans.....	638,260	1,579,974	46,998	†	†	†	†	†	†	†	†	†
College student support.....	†	1,560,081	39,458	†	†	†	†	†	†	†	†	†
Work-study.....	†	19,893	7,540	†	†	†	†	†	†	†	†	†
Service persons college support.....	18,900	46,617	8,911	†	†	†	†	†	†	†	†	†
Post-Vietnam veterans.....	†	922	161,475	3,958	1,496	1,343	932	615	425	275	223	212
All-volunteer-force educational assistance.....	†	†	269,947	984,068	1,854,917	1,587,376	1,086,585	928,847	680,312	586,558	501,856	455,020
Veterans.....	†	†	183,765	876,434	1,659,694	1,385,943	931,756	775,382	530,508	445,190	365,091	323,593
Reservists.....	†	†	86,182	107,634	195,223	201,433	154,829	153,465	149,804	141,368	136,765	131,427
Post-9/11 GI Bill <sup>50</sup> .....	†	†	†	†	5,542,843	7,656,490	8,476,227	10,184,499	10,754,649	11,234,014	11,583,408	11,886,003
Veteran dependents' education <sup>28</sup> .....	36,330	176,334	100,494	131,296	507,294	443,928	437,085	464,862	494,613	475,131	502,998	519,796
Payments to state education agencies.....	†	†	12,000	13,000	18,958	18,342	18,738	18,980	18,985	18,911	18,988	19,000
Reserve Education Assistance Program <sup>51</sup> .....	†	†	†	†	109,026	95,324	76,990	69,670	56,357	40,517	20,697	20,822
Other agencies												
Appalachian Regional Commission <sup>30</sup> .....	4,105	1,751	—	2,286	2,464	6,098	6,653	4,443	7,471	17,062	25,027	21,525
National Endowment for the Humanities.....	3,349	56,451	50,938	28,395	47,949	40,168	45,000	39,399	39,824	42,900	45,979	25,279
National Science Foundation.....	42,000	64,583	161,884	389,000	618,830	636,060	937,160	858,130	892,600	932,980	935,200	994,800
Science and engineering education programs.....	37,000	64,583	161,884	389,000	618,830	636,060	937,160	858,130	892,600	932,980	935,200	994,800
Sea Grant Program <sup>41</sup> .....	5,000	†	†	†	†	†	†	†	†	†	†	†
Social Security Administration.....	502,000	1,559,000	†	†	†	†	†	†	†	†	†	†
Social Security postsecondary students' benefits <sup>45,52</sup> .....	502,000	1,559,000	†	†	†	†	†	†	†	†	†	†
United States Information Agency <sup>53</sup> .....	8,423	51,095	181,172	†	†	†	†	†	†	†	†	†
Educational and cultural affairs <sup>48</sup> .....	†	49,546	35,862	†	†	†	†	†	†	†	†	†
Educational and cultural exchange programs <sup>54</sup> .....	†	†	145,307	†	†	†	†	†	†	†	†	†
Educational exchange activities, international.....	†	1,549	3	†	†	†	†	†	†	†	†	†
Information center and library activities.....	8,423	†	†	†	†	†	†	†	†	†	†	†

See notes at end of table.

**Table 401.30. Federal on-budget funds for education, by level/educational purpose, agency, and program: Selected fiscal years, 1970 through 2017—Continued**  
[In thousands of current dollars]

Level/educational purpose, agency, and program	1970	1980	1990 <sup>1</sup>	2000 <sup>1</sup>	2010 <sup>1</sup>	2011 <sup>1</sup>	2012 <sup>1</sup>	2013 <sup>1</sup>	2014 <sup>1</sup>	2015 <sup>1</sup>	2016 <sup>1</sup>	2017 <sup>1</sup>
1	2	3	4	5	6	7	8	9	10	11	12	13
<b>Other programs</b>												
Barry Goldwater Scholarship and Excellence in Education Foundation .....	†	†	1,033	3,000	4,000	3,000	4,000	4,000	3,000	2,000	3,000	3,000
Estimated education share of federal aid to the District of Columbia <sup>55</sup> .....	5,513	13,143	14,637	11,493	20,450	15,115	37,875	37,193	37,538	42,324	42,169	38,936
Harry S Truman Scholarship fund <sup>56</sup> .....	†	-1,895	2,883	3,000	2,000	1,000	1,200	1,500	1,000	1,000	1,000	†
Institute of American Indian and Alaska Native Culture and Arts Development .....	†	†	4,305	2,000	8,000	8,000	9,000	8,000	9,000	9,000	12,000	12,000
James Madison Memorial Fellowship Foundation .....	†	†	191	7,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000
<b>Other education</b> .....	<b>\$964,719</b>	<b>\$1,548,730</b>	<b>\$3,383,031</b>	<b>\$5,795,116</b>	<b>\$9,232,220</b>	<b>\$10,804,871</b>	<b>\$9,351,012</b>	<b>\$9,239,858</b>	<b>\$9,463,416</b>	<b>\$9,496,286</b>	<b>\$9,634,141</b>	<b>\$9,680,658</b>
Department of Education <sup>2</sup> .....	630,235	747,706	2,251,801	3,223,355	5,062,693	5,255,939	5,466,031	5,392,390	5,440,500	5,459,226	5,475,432	5,503,301
Administration .....	47,456	187,317	328,293	458,054	1,531,232	1,755,384	1,928,821	1,933,269	1,971,955	1,965,715	2,150,110	2,176,610
Libraries <sup>57</sup> .....	108,284	129,127	137,264	†	†	†	†	†	†	†	†	†
Rehabilitative services and disability research <sup>58</sup> .....	473,091	426,886	1,780,360	2,755,468	3,506,861	3,474,718	3,511,281	3,435,385	3,442,749	3,466,393	3,298,965	3,301,089
American Printing House for the Blind .....	1,404	4,349	5,736	9,368	24,600	24,551	24,505	23,223	24,456	24,931	25,431	25,431
Trust funds and contributions .....	0	27	148	465	0	1,286	1,424	513	1,340	2,187	926	171
Department of Agriculture .....	135,637	271,112	352,511	444,477	565,423	514,668	508,759	491,424	542,026	511,526	533,726	532,843
Extension Service .....	131,734	263,584	337,907	424,174	543,423	493,668	487,759	470,424	518,026	487,526	509,726	508,843
National Agricultural Library .....	3,903	7,528	14,604	20,303	22,000	21,000	21,000	21,000	24,000	24,000	24,000	24,000
Department of Commerce .....	1,226	2,479	†	†	†	†	†	†	†	†	†	†
Maritime Administration <sup>42</sup> .....	1,226	2,479	†	†	†	†	†	†	†	†	†	†
Training for private sector employees .....	1,226	2,479	†	†	†	†	†	†	†	†	†	†
Department of Health and Human Services .....	24,273	37,819	77,962	214,000	339,716	339,716	338,278	337,639	327,723	336,939	394,664	394,664
National Library of Medicine .....	24,273	37,819	77,962	214,000	339,716	339,716	338,278	337,639	327,723	336,939	394,664	394,664
Department of Homeland Security .....	†	†	†	†	341,100	1,851,832	215,884	243,111	258,730	258,338	244,480	243,994
Federal Law Enforcement Training Center <sup>59</sup> .....	†	†	†	†	323,000	270,832	271,413	243,111	258,730	258,338	244,480	243,994
Estimated disaster relief <sup>60</sup> .....	†	†	†	†	18,100	1,581,000	-55,529	—	—	—	—	—
Department of Justice .....	5,546	27,642	26,920	34,727	33,563	33,563	33,563	30,207	30,095	28,869	31,856	30,095
Federal Bureau of Investigation National Academy .....	2,066	7,234	6,028	22,479	19,443	19,443	19,443	21,268	21,291	8,956	9,318	8,804
Federal Bureau of Investigation Field Police Academy .....	2,500	7,715	10,548	11,962	14,120	14,120	14,120	8,939	8,804	19,914	22,538	21,291
Narcotics and dangerous drug training .....	980	2,416	850	286	—	—	—	†	†	†	†	†
National Institute of Corrections .....	†	10,277	9,494	—	—	—	—	—	—	—	—	—
Department of State .....	20,672	25,000	47,539	69,349	143,520	142,578	140,152	235,093	267,930	276,005	265,184	264,549
Foreign Service Institute .....	15,857	25,000	47,539	69,349	120,520	121,620	123,452	219,238	251,230	259,305	248,484	247,881
Center for Cultural and Technical Interchange <sup>48</sup> .....	4,815	†	†	—	23,000	20,958	16,700	15,855	16,700	16,700	16,700	16,668
Department of Transportation .....	3,964	10,212	1,507	700	146	135	120	—	—	—	1,000	—
Highways training and education grants .....	2,418	3,412	—	—	—	—	—	—	—	—	—	—
Maritime Administration <sup>42</sup> .....	†	†	1,507	700	146	135	120	—	—	—	1,000	—
Training for private sector employees .....	†	†	1,507	700	146	135	120	—	—	—	1,000	—
Urban mass transportation—managerial training grants .....	1,546	500	†	†	†	†	†	†	†	†	†	†
Federal Aviation Administration .....	—	6,300	—	†	†	†	†	†	†	†	†	†
Second-Career Training Program for air traffic controllers <sup>61</sup> .....	—	6,300	—	†	†	†	†	†	†	†	†	†
Department of the Treasury .....	18	14,584	41,488	83,000	†	†	†	†	†	†	†	†
Federal Law Enforcement Training Center <sup>59</sup> .....	18	14,584	41,488	83,000	†	†	†	†	†	†	†	†
<b>Other agencies</b>												
ACTION <sup>62</sup> .....	†	2,833	8,472	†	†	†	†	†	†	†	†	†
Estimated education funds .....	†	2,833	8,472	†	†	†	†	†	†	†	†	†
Agency for International Development (USAID) .....	88,034	99,707	170,371	299,000	542,700	599,500	598,800	574,000	576,439	598,000	605,411	639,134
Education and human resources .....	61,570	80,518	142,801	299,000	542,700	599,500	598,800	574,000	576,439	589,900	599,211	634,134
American schools and hospitals abroad .....	26,464	19,189	27,570	—	—	—	—	—	—	8,100	6,200	5,000
Appalachian Regional Commission <sup>30</sup> .....	572	8,124	†	2,369	1,620	3,514	3,510	6,938	2,439	5,045	12,281	9,707
Corporation for National and Community Service <sup>62</sup> .....	†	†	†	696,545	857,021	780,809	750,252	711,009	756,849	758,349	787,929	736,029
Federal Emergency Management Agency <sup>63</sup> .....	290	281	215	14,894	†	†	†	†	†	†	†	†
Estimated architect/engineer student development program .....	40	31	200	—	—	—	—	—	—	—	—	—
Estimated other training programs <sup>64</sup> .....	250	250	15	—	—	—	—	—	—	—	—	—
Estimated disaster relief <sup>60</sup> .....	—	—	—	14,894	†	†	†	†	†	†	†	†

See notes at end of table.

**Table 401.30. Federal on-budget funds for education, by level/educational purpose, agency, and program: Selected fiscal years, 1970 through 2017—Continued**  
 [In thousands of current dollars]

Level/educational purpose, agency, and program	1970	1980	1990 <sup>1</sup>	2000 <sup>1</sup>	2010 <sup>1</sup>	2011 <sup>1</sup>	2012 <sup>1</sup>	2013 <sup>1</sup>	2014 <sup>1</sup>	2015 <sup>1</sup>	2016 <sup>1</sup>	2017 <sup>1</sup>
1	2	3	4	5	6	7	8	9	10	11	12	13
General Services Administration .....	14,775	34,800	†	†	†	†	†	†	†	†	†	†
Libraries and other archival activities <sup>65</sup> .....	14,775	34,800	†	†	†	†	†	†	†	†	†	†
Institute of Museum and Library Services <sup>57</sup> .....	†	†	†	166,000	282,251	237,393	231,954	219,821	226,860	227,860	230,000	230,000
Japanese-United States Friendship Commission .....	†	2,294	2,299	3,000	2,000	3,700	3,700	3,700	3,000	3,000	3,000	3,000
Library of Congress .....	29,478	151,871	189,827	299,000	510,877	492,839	465,961	442,051	455,760	464,449	469,547	500,915
Salaries and expenses .....	20,700	102,364	148,985	247,000	441,934	433,586	415,561	394,474	406,752	414,201	419,477	450,667
National Library Service for the Blind and Physically Handicapped .....	6,195	31,436	37,473	46,000	68,943	59,253	50,400	47,577	49,008	50,248	50,070	50,248
Special foreign currency program .....	2,273	3,492	10	†	†	†	†	†	†	†	†	†
Furniture and furnishings .....	310	14,579	3,359	6,000	—	—	—	—	—	—	—	—
National Aeronautics and Space Administration .....	350	882	3,300	6,800	—	—	—	—	—	—	—	—
Aerospace Education Services Project .....	350	882	3,300	6,800	—	—	—	—	—	—	—	—
National Archives and Records Administration .....	†	†	77,397	121,879	339,000	349,000	391,500	371,022	386,630	381,730	389,073	392,956
Libraries and other archival activities <sup>65</sup> .....	†	†	77,397	121,879	339,000	349,000	391,500	371,022	386,630	381,730	389,073	392,956
National Commission on Libraries and Information Science <sup>66</sup> .....	†	2,090	3,281	2,000	†	†	†	†	†	†	†	†
National Endowment for the Arts <sup>31</sup> .....	340	231	936	4,046	2,883	1,370	6,145	3,483	4,502	3,732	3,868	4,030
National Endowment for the Humanities .....	5,090	85,805	89,706	70,807	94,580	90,891	91,000	74,439	77,528	77,073	75,734	74,369
Smithsonian Institution .....	2,461	5,153	5,779	25,764	63,107	67,322	65,422	65,483	68,529	70,053	74,609	76,273
Museum programs and related research .....	2,261	3,254	690	18,000	52,000	56,000	54,313	54,313	57,915	59,553	64,109	65,873
National Gallery of Art extension service .....	200	426	474	764	107	119	122	115	114	—	—	—
Woodrow Wilson International Center for Scholars .....	†	1,473	4,615	7,000	11,000	11,203	10,987	11,055	10,500	10,500	10,500	10,400
United States Information Agency <sup>53</sup> .....	†	15,115	20,375	†	†	†	†	†	†	†	†	†
Center for Cultural and Technical Interchange <sup>48</sup> .....	†	†	7,621	13,000	49,000	39,000	39,000	37,000	37,000	35,000	35,300	37,884
United States Institute of Peace .....	†	†	7,621	13,000	49,000	39,000	39,000	37,000	37,000	35,000	35,300	37,884
Other programs .....	1,758	2,990	3,724	404	1,020	1,102	980	1,048	876	1,092	1,047	6,915
Estimated education share of federal aid for the District of Columbia .....	1,758	2,990	3,724	404	1,020	1,102	980	1,048	876	1,092	1,047	6,915
<b>Research programs at universities and related institutions<sup>67</sup> .....</b>	<b>\$2,283,641</b>	<b>\$5,801,204</b>	<b>\$12,606,035</b>	<b>\$21,660,134</b>	<b>\$36,993,306</b>	<b>\$32,017,112</b>	<b>\$32,176,184</b>	<b>\$30,305,148</b>	<b>\$32,203,636</b>	<b>\$32,390,891</b>	<b>\$34,454,786</b>	<b>\$35,858,716</b>
Department of Education <sup>2,68</sup> .....	87,823	78,742	89,483	116,464	659,006	608,786	593,664	562,612	576,935	573,935	618,015	605,267
Department of Agriculture .....	64,796	216,405	348,109	553,600	737,200	764,000	643,100	578,800	697,900	758,200	866,700	880,800
Department of Commerce .....	4,487	48,295	50,523	110,775	303,000	242,778	205,085	235,936	275,521	272,897	314,255	346,308
Department of Defense .....	356,188	644,455	1,871,864	1,891,710	3,154,300	3,272,300	2,861,205	2,394,900	2,788,700	2,766,500	2,977,100	2,871,200
Department of Energy .....	548,327	1,470,224	2,520,885	3,577,004	3,402,600	2,994,903	2,983,055	2,941,159	3,288,681	3,484,388	3,890,836	4,271,946
Department of Health and Human Services .....	623,765	2,087,053	4,902,714	10,491,641	21,796,200	17,780,531	17,630,467	16,588,019	17,305,391	16,897,088	17,807,809	18,206,113
Department of Homeland Security .....	†	†	†	†	152,800	104,450	68,700	71,637	77,173	79,300	81,500	77,900
Department of Housing and Urban Development .....	510	5,314	118	1,400	400	1,600	300	4,500	100	1,100	1,000	500
Department of the Interior .....	18,521	42,175	49,790	47,200	84,200	108,774	65,405	51,352	76,822	59,200	57,600	63,000
Department of Justice .....	1,945	9,189	6,858	19,400	34,600	29,900	34,700	38,900	55,300	54,600	55,500	56,500
Department of Labor .....	3,567	12,938	5,893	12,900	†	†	†	†	†	†	†	†
Department of State .....	8,220	188	1,519	†	†	†	†	†	†	†	†	†
Department of Transportation .....	12,328	31,910	28,608	55,866	70,100	64,800	71,500	80,509	71,200	80,400	61,100	140,900
Department of the Treasury .....	†	226	227	†	†	†	†	†	†	†	†	†
Department of Veterans Affairs .....	518	1,600	2,300	†	†	†	†	†	†	†	†	†
Agency for International Development .....	†	77,063	79,415	33,500	15,200	22,400	31,100	29,900	17,600	50,000	50,000	50,000
Environmental Protection Agency .....	19,446	41,083	87,481	98,900	54,700	79,200	87,200	73,700	86,100	68,600	55,800	63,500
Federal Emergency Management Agency <sup>63</sup> .....	†	1,665	†	†	†	†	†	†	†	†	†	†
National Aeronautics and Space Administration .....	258,016	254,629	1,090,003	2,071,030	1,585,500	1,430,761	2,289,837	2,200,143	2,287,755	2,355,450	2,667,443	2,947,708
National Science Foundation .....	253,628	743,809	1,427,007	2,566,244	4,914,700	4,491,930	4,597,266	4,443,881	4,584,258	4,875,532	4,936,529	5,265,475
Nuclear Regulatory Commission .....	†	32,590	42,328	12,200	14,500	14,000	8,600	5,400	9,400	8,000	5,000	5,200
Office of Economic Opportunity <sup>32</sup> .....	20,035	†	†	†	†	†	†	†	†	†	†	†
U.S. Arms Control and Disarmament Agency <sup>69</sup> .....	100	661	25	†	†	†	†	†	†	†	†	†
Other agencies <sup>70</sup> .....	1,421	990	885	300	14,300	6,000	5,000	3,800	4,800	5,700	8,600	6,400

See notes at end of table.

**Table 401.30. Federal on-budget funds for education, by level/educational purpose, agency, and program: Selected fiscal years, 1970 through 2017—Continued**

—Not available.  
†Not applicable.

<sup>1</sup>Excludes federal support for medical education benefits under Medicare in the U.S. Department of Health and Human Services. Benefits are excluded because data before fiscal year (FY) 1990 are not available. This program has existed since Medicare began, but was not available as a separate budget item until FY 1990. Excluded amounts are estimated as follows: \$4,440,000,000 in FY 1990, \$8,020,000,000 in FY 2000, \$9,080,000,000 in FY 2010, \$9,200,000,000 in FY 2011, \$9,800,000,000 in FY 2012, \$10,000,000,000 in FY 2013, \$11,530,000,000 in FY 2014, \$11,800,000,000 in FY 2015, \$12,300,000,000 in FY 2016, and \$13,000,000,000 in FY 2017.

<sup>2</sup>The U.S. Department of Education was created in May 1980. It formerly was the Office of Education in the U.S. Department of Health, Education, and Welfare.

<sup>3</sup>Includes funds used to support school districts with concentrations of children who reside on Indian lands, military bases, low-rent housing properties, and other federal properties, or who have parents in the uniformed services or employed on eligible federal properties.

<sup>4</sup>Includes many School Improvement Programs, Safe Schools and Citizenship Education, and the Office of Innovation and Improvement.

<sup>5</sup>Includes funding for Carl D. Perkins Career and Technical Education Act and the Adult Education and Family Literacy Act.

<sup>6</sup>Included the School-To-Work Opportunities program, which initiated a national system to be administered jointly by the U.S. Departments of Education and Labor. Programs in the Education Reform program were transferred to the school improvement programs or discontinued in FY 2002. Amounts after FY 2002 reflect balances that are spending out from prior-year appropriations.

<sup>7</sup>Under the Hurricane Education Recovery Act, short-term funds were provided to assist schools and students displaced by Hurricanes Katrina and Rita.

<sup>8</sup>Starting with FY 1994, funds for the Special Milk Program are included in child nutrition programs.

<sup>9</sup>Authorized under the Farm Security and Rural Investment Act of 2002 (Public Law 107-171), the McGovern-Dole International Food for Education and Child Nutrition Program carries out preschool and school feeding programs in foreign countries.

<sup>10</sup>These commodities are purchased under Section 32 of the Agricultural Adjustment Act of 1935 (Public Law 74-320), for use in child nutrition programs.

<sup>11</sup>Assisted in the construction of public facilities, such as vocational schools, through grants or loans. No funds have been appropriated for this program since FY 1977, and it was completely phased out in FY 1984.

<sup>12</sup>The Department of Defense Domestic Dependent Elementary and Secondary Schools (DDESS) program supports students in military communities in the United States, Guam, and Puerto Rico.

<sup>13</sup>Established in 1979, with funds first appropriated in FY 1980.

<sup>14</sup>Formerly in the Office of Economic Opportunity. In FY 1972, program funds were transferred to the U.S. Department of Health, Education, and Welfare (later the U.S. Department of Health and Human Services). Today, the program is housed within the Administration for Children and Families within the U.S. Department of Health and Human Services.

<sup>15</sup>Created by the Family Support Act of 1988 (Public Law 100-485) to provide funds for the Job Opportunities and Basic Skills Training program. In 1997, AFDC was incorporated into the Temporary Assistance for Needy Families program.

<sup>16</sup>Transferred from the U.S. Department of Transportation to the U.S. Department of Homeland Security in March 2003.

<sup>17</sup>Data for 2013 through 2017 are estimated.

<sup>18</sup>Provides funding for supplemental programs for eligible American Indian students in public schools.

<sup>19</sup>Beginning in 2012, funding for advanced occupational education programs and vocational training education is included in inmate programs.

<sup>20</sup>Finances the cost of education courses for inmates in federal prisons.

<sup>21</sup>Formerly in the Office of Economic Opportunity. Transferred to the U.S. Department of Labor in FYs 1971 and 1972.

<sup>22</sup>Some of the work and training programs were in the Office of Economic Opportunity and were transferred to the U.S. Department of Labor in FYs 1971 and 1972. From FY 1994 through FY 2001, included the School-to-Work Opportunities program, which was administered jointly by the U.S. Departments of Education and Labor.

<sup>23</sup>Includes funding for some programs that may not be categorized as elementary/secondary education, such as various worker education programs.

<sup>24</sup>Established in FY 1972 and closed in FY 1986.

<sup>25</sup>States' shares of revenue-sharing funds could not be spent on education in FYs 1981 through 1986.

<sup>26</sup>Provided educational assistance allowances in order to restore lost educational opportunities to those individuals whose careers were interrupted or impeded by reason of active military service between January 31, 1955, and January 1, 1977.

<sup>27</sup>This program is in the Readjustment Benefits program, Chapter 31, and covers the costs of subsistence, tuition, books, supplies, and equipment for disabled veterans requiring vocational rehabilitation.

<sup>28</sup>This program is in the Readjustment Benefits program, Chapter 35, and provides benefits to children and spouses of veterans.

<sup>29</sup>Appropriations began for this program in 1995 and ended in 2001.

<sup>30</sup>Funding for education for the Appalachian Regional Commission is sorted by the type of grantee (e.g., local education agency, institution of higher education) as opposed to how the funding is actually used.

<sup>31</sup>"Elementary/secondary" obligations for FYs 2014, 2015, 2016, and 2017 include those items that impact elementary and secondary (kindergarten through grade 12) students, and that are standards based. "Other education" obligations include all other arts education items not meeting the terms of "elementary/secondary."

<sup>32</sup>The Office of Economic Opportunity was dissolved in 1981.

<sup>33</sup>Most of these programs were transferred to the U.S. Department of Health, Education, and Welfare, Office of Education in FY 1972.

<sup>34</sup>Transferred to the ACTION Agency in FY 1972.

<sup>35</sup>The Social Security Administration was formerly part of the U.S. Department of Health, Education, and Welfare, which became the U.S. Department of Health and Human Services in 1980. In 1994, the Social Security Administration became an independent agency.

<sup>36</sup>Benefits typically terminate at age 18, unless a child is still a full-time elementary or secondary student. In that case, benefits continue until the child graduates, or until 2 months after reaching age 19, whichever comes first. Disabled children are also eligible to receive benefits after age 18.

<sup>37</sup>Under the William D. Ford Federal Direct Loan Program (commonly referred to as the Direct Loan Program), the federal government uses Treasury funds to provide loan capital directly to schools, which then disburse loan funds to students.

<sup>38</sup>The U.S. Department of Education periodically reestimates the subsidy costs of the Direct Loan Program and Federal Family Education Loan (FFEL) Program. In 2017, the majority of the net upward reestimates of \$28.4 billion for the Direct Loan Program and \$10.79 billion for the FFEL program reflect changes in collection and technical assumptions. In addition, the Direct Loan Program reestimate reflects an increase in loan discharges for student borrowers harmed by institutional misconduct, and the FFEL Program reflects reestimates for the Ensuring Continued Access to Student Loans Act (ECASLA) of 2008.

<sup>39</sup>The Federal Family Education Loan (FFEL) Program eliminated the authorization to originate new FFEL loans after June 30, 2010; all new loans are originated through the Direct Loan Program. The FFEL Program made loan capital available to students and their families through private lenders. State and private nonprofit guaranty agencies administer the federal guarantee protecting FFEL lenders against losses related to borrower default. These agencies also collect on defaulted loans and provide other services to lenders.

<sup>40</sup>Transferred from the U.S. Department of Housing and Urban Development to the U.S. Department of Education when it was established in 1980.

<sup>41</sup>Transferred from the National Science Foundation to the National Oceanic and Atmospheric Administration within the U.S. Department of Commerce in October 1970.

<sup>42</sup>Transferred from the U.S. Department of Commerce to the U.S. Department of Transportation in FY 1981.

<sup>43</sup>Includes special education programs (military and civilian); legal education program; flight training; advanced degree program; college degree program (officers); and Armed Forces Health Professions Scholarship program.

<sup>44</sup>Does not include Health Education Assistance Loans (HEAL).

<sup>45</sup>Alcohol, drug abuse, and mental health training programs are included starting in FY 1992.

<sup>46</sup>Beginning in FY 1992, data were included in the National Institutes of Health training grants program.

<sup>47</sup>This program closed in FY 2004.

<sup>48</sup>Transferred from the U.S. Department of State to the United States Information Agency in 1977, then transferred back to the U.S. Department of State when the United States Information Agency was dissolved in 1999.

<sup>49</sup>In FY 2014, the Regional Graduate Fellowship program was consolidated with the Fulbright Program.

<sup>50</sup>Chapter 33 was enacted in the Post-9/11 Veterans Educational Assistance Act of 2008 (Public Law 110-252).

<sup>51</sup>Part of the Ronald W. Reagan National Defense Authorization Act for FY 2005 (Public Law 108-375), enacted October 28, 2004. The Reserve Education Assistance Program (REAP) provides educational assistance to members of the National Guard and Reserves who serve on active duty in support of a contingency operation under federal authority on or after September 11, 2001. The National Defense Authorization Act of 2016 will phase out REAP by 2019.

<sup>52</sup>Postsecondary student benefits were ended by the Omnibus Budget Reconciliation Act of 1981 (Public Law 97-35) and were completely phased out by August 1985.

<sup>53</sup>Dissolved in 1999; functions were transferred to the U.S. Department of State and the newly created Broadcasting Board of Governors.

<sup>54</sup>Included in the Educational and Cultural Affairs program in FYs 1980 through 1983, and became an independent program in FY 1984.

<sup>55</sup>Includes funding for higher education financial services and preparation programs.

<sup>56</sup>While the Harry S Truman Scholarship Foundation continues to provide scholarships to graduate students, Congress eliminated federal funding to support this program in FY 2017.

<sup>57</sup>Transferred from the U.S. Department of Education to the Institute of Museum and Library Services when the Institute became an independent agency in 1996.

<sup>58</sup>FY 2015 and earlier years include funding for the National Institute on Disability and Rehabilitation Research. In 2015, this agency was renamed the National Institute on Disability, Independent Living, and Rehabilitation Research and was integrated into the Administration for Community Living (ACL) within the U.S. Department of Health and Human Services.

<sup>59</sup>Transferred from the U.S. Department of the Treasury to the U.S. Department of Homeland Security in FY 2003.

<sup>60</sup>The disaster relief program repairs and replaces damaged and destroyed school buildings. The Federal Emergency Management Agency, which administers this program, was transferred to the U.S. Department of Homeland Security in 2003.

<sup>61</sup>The Second-Career Training Program for air traffic controllers was canceled in 1996.

<sup>62</sup>The National and Community Service Trust Act of 1993 (Public Law 103-82) merged two agencies (ACTION and the Commission on National and Community Service) to establish the Corporation for National and Community Service.

<sup>63</sup>The Federal Emergency Management Agency was created in 1979, representing a combination of existing agencies. The funds for the Federal Emergency Management Agency in FY 1970 were in other agencies. This agency was transferred to the U.S. Department of Homeland Security in 2003.

<sup>64</sup>These programs include the Fall-Out Shelter Analysis, Blast Protection Design through FY 1992. Starting in FY 1993, earthquake training and safety for teachers and administrators for grades 1 through 12 are included.

<sup>65</sup>Transferred from the General Services Administration to the National Archives and Records Administration in April 1985.

<sup>66</sup>The Consolidated Appropriations Act of 2008 (Public Law 110-161) transferred the National Commission on Libraries and Information Science to the Institute of Museum and Library Services in 2008.

<sup>67</sup>Includes federal obligations for research and development centers and R & D plant administered by colleges and universities. Data for 2016 and 2017 are estimated.

<sup>68</sup>FY 1970 includes outlays for the Research and Training program. FY 1980 includes outlays for the National Institute of Education program. FY 1990 through FY 2000 amounts are outlays for the Office of Educational Research and Improvement. Amounts for FY 2005 and later years are for the Institute of Education Sciences; these amounts are outlays for years prior to FY 2010 and appropriations for later years.

<sup>69</sup>The U.S. Arms Control and Disarmament Agency was integrated into the U.S. Department of State in 1999.

<sup>70</sup>Other agencies include the Appalachian Regional Commission, National Archives and Records Administration, and Social Security Administration.

NOTE: To the extent possible, amounts reported do not represent obligations, but instead represent appropriations or (especially for earlier years) outlays. Negative amounts occur when program receipts exceed outlays. Some data have been revised from previously published figures. Detail may not sum to totals because of rounding.

SOURCE: U.S. Department of Education, Budget Service, unpublished tabulations. U.S. Office of Management and Budget, *Budget of the U.S. Government, Appendix*, and supplemental agency budget documents, fiscal years 1971 through 2018. National Science Foundation, *Federal Funds for Research and Development*, fiscal years 1970 through 2016. (This table was prepared March 2018.)

**Table 401.60. U.S. Department of Education appropriations for major programs, by state or jurisdiction: Fiscal year 2016**  
(In thousands of current dollars)

State or jurisdiction	Total	Grants for the disadvantaged <sup>1</sup>	Block grants to states for school improvement <sup>2</sup>	School assistance in federally affected areas <sup>3</sup>	Career/technical and adult education <sup>4</sup>	Special education <sup>5</sup>	English language acquisition	American Indian education	Student financial assistance <sup>6</sup>	Rehabilitation services <sup>7</sup>
1	2	3	4	5	6	7	8	9	10	11
<b>Total, 50 states and D.C.<sup>8</sup> .....</b>	<b>\$66,738,416</b>	<b>\$15,185,032</b>	<b>\$4,011,227</b>	<b>\$1,031,949</b>	<b>\$1,649,773</b>	<b>\$12,447,475</b>	<b>\$677,378</b>	<b>\$100,381</b>	<b>\$28,493,002</b>	<b>\$3,142,199</b>
<b>Total, 50 states, D.C., other activities, and other jurisdictions.....</b>	<b>69,189,659</b>	<b>15,782,167</b>	<b>4,199,067</b>	<b>1,233,955</b>	<b>1,699,553</b>	<b>12,739,642</b>	<b>737,400</b>	<b>100,381</b>	<b>29,444,850</b>	<b>3,252,645</b>
Alabama .....	1,122,205	247,497	66,947	1,623	28,489	197,208	3,926	1,410	510,852	64,253
Alaska .....	307,866	50,368	21,213	126,385	5,195	41,057	1,156	13,369	37,900	11,222
Arizona .....	1,980,584	351,458	75,144	138,188	38,387	213,659	14,425	10,520	1,051,621	87,183
Arkansas .....	719,910	166,988	45,560	323	16,851	123,590	3,560	158	314,944	47,936
California .....	8,333,141	1,953,920	445,229	47,269	210,595	1,339,221	149,985	4,523	3,870,630	311,769
Colorado .....	920,751	162,881	47,916	28,484	23,257	174,576	8,945	667	430,513	43,511
Connecticut.....	636,891	127,425	38,122	3,194	14,856	144,639	6,853	38	274,138	27,626
Delaware .....	192,788	49,406	20,902	48	6,376	40,028	1,240	0	61,491	13,298
District of Columbia .....	252,618	45,712	20,604	142	5,444	21,008	1,024	0	141,738	16,945
Florida .....	3,950,902	861,908	191,554	5,770	102,368	698,005	44,762	99	1,858,133	188,304
Georgia .....	2,181,984	548,903	121,942	16,084	57,370	369,703	15,459	0	959,880	92,643
Hawaii .....	259,036	55,904	21,203	34,333	7,571	43,804	4,161	0	77,853	14,208
Idaho .....	347,542	64,217	23,564	4,744	8,710	61,934	2,113	485	163,419	18,356
Illinois.....	2,815,251	689,628	170,475	9,057	60,618	550,799	27,434	202	1,191,057	115,981
Indiana .....	1,469,495	272,443	71,469	71	34,910	281,833	8,959	0	738,595	61,215
Iowa .....	702,964	100,109	35,412	169	15,414	132,866	4,090	265	382,844	31,796
Kansas.....	602,855	125,704	37,017	36,671	14,020	117,518	4,230	932	243,011	23,752
Kentucky .....	948,335	229,617	66,020	311	26,409	177,262	3,547	0	388,478	56,690
Louisiana .....	1,068,198	303,089	86,351	6,828	30,567	205,443	3,083	884	394,246	37,708
Maine.....	277,848	55,476	24,246	1,618	7,231	60,590	698	182	110,180	17,626
Maryland.....	973,096	228,063	57,983	4,732	24,533	218,761	10,059	69	385,549	43,347
Massachusetts.....	1,256,889	244,095	70,855	543	28,522	307,620	14,523	121	530,033	60,577
Michigan.....	2,118,442	515,173	148,029	3,223	50,613	432,119	11,636	1,997	844,660	110,990
Minnesota.....	1,057,953	172,078	55,246	18,194	22,646	208,472	8,912	3,880	515,283	53,242
Mississippi.....	790,528	192,347	60,975	1,435	19,660	130,565	1,443	475	338,136	45,491
Missouri.....	1,251,578	250,406	76,434	20,220	29,975	245,984	5,207	72	554,171	69,110
Montana.....	255,699	48,753	26,536	43,803	6,424	41,729	515	3,679	69,732	14,529
Nebraska.....	371,998	78,207	26,101	15,513	9,398	81,316	3,280	916	136,046	21,222
Nevada.....	410,846	124,172	27,159	2,457	15,790	81,621	6,748	646	134,635	17,617
New Hampshire.....	262,349	45,515	23,430	4	7,181	52,238	1,045	0	121,278	11,658
New Jersey.....	1,606,857	357,065	92,468	13,538	37,754	391,863	20,936	0	629,006	64,227
New Mexico.....	568,332	117,944	34,903	75,848	12,326	99,119	4,884	7,732	189,750	25,857
New York.....	4,651,466	1,184,231	305,615	39,175	94,705	833,806	62,212	1,850	1,969,416	160,455
North Carolina.....	1,937,111	447,608	104,611	11,311	52,923	368,002	14,752	3,504	822,108	112,292
North Dakota.....	180,243	38,010	21,782	19,830	5,233	32,941	629	2,225	48,370	11,222
Ohio.....	2,225,578	595,792	152,454	1,099	58,582	472,704	10,674	0	821,353	112,920
Oklahoma.....	805,220	167,685	57,230	27,379	21,389	160,800	4,945	24,261	302,788	38,743
Oregon.....	779,096	162,991	43,335	2,535	19,325	140,127	7,172	1,816	349,485	52,311
Pennsylvania.....	2,421,349	603,071	154,410	1,024	58,904	464,071	16,373	0	975,546	147,952
Rhode Island.....	256,076	52,388	21,069	1,564	7,773	48,546	2,029	0	108,967	13,739
South Carolina.....	980,777	248,961	58,564	1,118	26,647	193,899	3,728	22	387,827	60,010
South Dakota.....	264,922	46,817	22,122	46,139	5,397	39,320	963	3,954	88,988	11,222
Tennessee.....	1,291,930	311,559	77,279	2,243	34,835	258,098	5,228	0	541,100	61,589
Texas.....	5,743,156	1,480,733	347,437	93,941	151,935	1,093,677	108,066	450	2,217,836	249,082
Utah.....	696,344	93,659	29,292	6,428	16,056	124,501	4,148	1,421	390,416	30,424
Vermont.....	157,926	37,091	20,647	9	5,131	31,923	500	210	49,596	12,819
Virginia.....	1,507,230	273,143	73,676	31,864	37,117	310,276	12,254	10	689,547	79,342
Washington.....	1,165,682	254,429	69,045	55,184	30,482	242,902	16,137	4,069	435,454	57,980
West Virginia.....	461,860	90,458	33,901	4	12,072	83,221	699	0	208,197	33,309
Wisconsin.....	1,042,822	224,219	66,977	13,454	26,764	228,976	7,534	2,385	406,001	66,513
Wyoming.....	153,892	35,715	20,770	16,824	5,046	33,537	500	879	30,206	10,415
Other activities/jurisdictions										
Indian Tribe Set-Aside.....	290,577	105,723	22,920	0	13,970	99,831	5,000	0	0	43,133
Other nonstate allocations.....	330,550	22,619	34,222	201,373	2,879	20,000	47,931	0	0	1,526
American Samoa.....	31,134	12,482	4,778	0	532	6,977	1,112	0	4,109	1,143
Freely Associated States <sup>9</sup> .....	22,311	0	0	0	168	6,579	0	0	15,563	0
Guam.....	62,273	17,552	7,582	32	1,074	15,611	1,380	0	15,985	3,058
Northern Marianas.....	22,686	7,545	3,289	0	621	5,307	1,103	0	3,784	1,037
Puerto Rico.....	1,658,630	421,116	110,192	533	29,488	128,092	3,404	0	907,482	58,324
U.S. Virgin Islands.....	33,081	10,099	4,857	68	1,047	9,769	92	0	4,924	2,224

<sup>1</sup>Title I grants. Includes Grants to Local Education Agencies (Basic, Concentration, Targeted, and Education Finance Incentive Grants); School Improvement State Grants; State Agency Program—Migrant Education; and State Agency Program—Neglected and Delinquent Children.

<sup>2</sup>Title VI grants. Includes Supporting Effective Instruction State Grants; Mathematics and Science Partnerships; 21st Century Community Learning Centers; State Assessments; Rural and Low-Income Schools Program; Small, Rural School Achievement Program; and Homeless Children and Youth Education.

<sup>3</sup>Includes Impact Aid—Basic Support Payments; Impact Aid—Payments for Children with Disabilities; and Impact Aid—Construction.

<sup>4</sup>Includes Career and Technical Education State Grants; Adult Basic and Literacy Education State Grants; and English Literacy and Civics Education State Grants.

<sup>5</sup>Includes Special Education—Grants to States; Special Education—Preschool Grants; and Grants for Infants and Families.

<sup>6</sup>Includes Federal Pell Grants; Federal Supplemental Educational Opportunity Grants; Federal Work-Study; and Student Loan Program interest subsidies.

<sup>7</sup>Includes Vocational Rehabilitation State Grants; Client Assistance State Grants; Protection and Advocacy of Individual Rights; Supported Employment State Grants; and Independent Living Services for Older Blind Individuals.

<sup>8</sup>Total excludes other activities and other jurisdictions.

<sup>9</sup>Includes the Marshall Islands, the Federated States of Micronesia, and Palau.

NOTE: Data reflect revisions to figures in the *Budget of the United States Government, Fiscal Year 2018*. Detail may not sum to totals because of rounding.

SOURCE: U.S. Department of Education, Budget Service, retrieved February 1, 2018, from <https://www2.ed.gov/about/overview/budget/statetables/index.html>; and unpublished tabulations. (This table was prepared April 2018.)

**Table 401.70. Appropriations for Title I and selected other programs under the No Child Left Behind Act of 2001 and the Every Student Succeeds Act of 2015, by program and state or jurisdiction: Fiscal years 2016 and 2017**  
[In thousands of current dollars]

State or jurisdiction	Title I, 2017							Assessing Achievement, 2017	Supporting Effective Instruction State Grants, 2017
	Title I total, 2016	Total	Grants to local education agencies <sup>1</sup>	State agency programs		School Improvement State Grants <sup>2</sup>			
				Neglected and Delinquent	Migrant				
1	2	3	4	5	6	7	8	9	
<b>Total, 50 states and D.C.<sup>3</sup></b>	<b>\$15,185,032</b>	<b>\$15,286,744</b>	<b>\$14,876,438</b>	<b>\$45,555</b>	<b>\$364,751</b>	<b>\$0</b>	<b>\$360,240</b>	<b>\$1,962,828</b>	
<b>Total, 50 states, D.C., other activities, and other jurisdictions</b>	<b>15,782,167</b>	<b>15,881,167</b>	<b>15,459,802</b>	<b>47,614</b>	<b>374,751</b>	<b>0</b>	<b>369,100</b>	<b>2,055,830</b>	
Alabama	247,497	252,974	250,606	533	1,835	0	6,126	32,659	
Alaska	50,368	57,223	42,852	384	13,986	0	3,504	9,723	
Arizona	351,458	357,716	348,977	1,515	7,223	0	7,603	32,533	
Arkansas	166,988	167,946	162,905	346	4,696	0	4,984	19,793	
California	1,953,920	1,949,315	1,831,350	2,173	115,792	0	28,500	227,942	
Colorado	162,881	158,949	152,225	456	6,268	0	6,554	22,891	
Connecticut	127,425	130,908	129,916	915	78	0	5,223	19,220	
Delaware	49,406	51,754	50,887	573	293	0	3,573	9,723	
District of Columbia	45,712	47,518	47,398	120	0	0	3,288	9,723	
Florida	861,908	878,747	856,923	1,580	20,245	0	14,585	93,387	
Georgia	548,903	548,590	540,357	1,205	7,028	0	10,112	54,637	
Hawaii	55,904	55,916	53,683	151	2,083	0	3,842	9,723	
Idaho	64,217	62,492	58,525	625	3,342	0	4,234	9,723	
Illinois	689,628	683,189	680,619	786	1,785	0	11,388	83,324	
Indiana	272,443	270,257	264,817	547	4,893	0	7,473	35,024	
Iowa	100,109	99,182	97,323	427	1,432	0	5,052	15,970	
Kansas	125,704	118,181	107,701	208	10,271	0	5,013	16,319	
Kentucky	229,617	238,576	231,035	962	6,579	0	5,832	32,080	
Louisiana	303,089	320,150	315,951	2,000	2,199	0	6,101	46,287	
Maine	55,476	55,187	54,001	146	1,041	0	3,739	9,723	
Maryland	228,063	232,546	230,860	1,236	450	0	6,776	29,723	
Massachusetts	244,095	247,636	244,265	1,940	1,432	0	6,936	37,194	
Michigan	515,173	513,309	504,643	1,052	7,613	0	9,307	80,737	
Minnesota	172,078	165,654	163,403	409	1,842	0	6,601	27,847	
Mississippi	192,347	201,558	200,256	381	921	0	5,060	30,285	
Missouri	250,406	255,001	252,303	1,349	1,349	0	6,923	35,319	
Montana	48,753	49,418	47,874	200	1,344	0	3,635	9,723	
Nebraska	78,207	81,211	75,116	373	5,722	0	4,310	9,960	
Nevada	124,172	131,177	130,405	561	210	0	4,900	10,596	
New Hampshire	45,515	44,217	43,197	806	214	0	3,769	9,723	
New Jersey	357,065	367,273	363,797	1,412	2,064	0	8,664	46,803	
New Mexico	117,944	120,761	119,591	352	819	0	4,396	16,134	
New York	1,184,231	1,219,612	1,207,399	3,426	8,788	0	14,671	166,391	
North Carolina	447,608	456,619	450,764	734	5,121	0	9,501	45,512	
North Dakota	38,010	37,725	36,986	107	632	0	3,466	9,723	
Ohio	595,792	559,742	556,315	1,067	2,359	0	10,464	76,400	
Oklahoma	167,685	171,074	169,334	376	1,364	0	5,674	23,620	
Oregon	162,991	173,231	152,397	1,557	19,278	0	5,438	19,863	
Pennsylvania	603,071	631,623	622,386	1,186	8,052	0	10,618	83,200	
Rhode Island	52,388	53,772	53,327	353	92	0	3,601	9,723	
South Carolina	248,961	245,839	243,588	1,483	768	0	6,091	25,899	
South Dakota	46,817	47,678	46,934	0	744	0	3,579	9,723	
Tennessee	311,559	308,872	307,244	285	1,343	0	7,225	35,119	
Texas	1,480,733	1,474,077	1,419,471	2,209	52,396	0	23,162	169,159	
Utah	93,659	89,926	87,290	996	1,640	0	5,552	13,514	
Vermont	37,091	35,985	35,329	92	564	0	3,345	9,723	
Virginia	273,143	266,777	264,573	1,263	940	0	8,227	36,724	
Washington	254,429	255,003	228,354	2,108	24,540	0	7,489	33,521	
West Virginia	90,458	97,639	96,572	970	97	0	4,065	17,342	
Wisconsin	224,219	210,486	208,839	871	776	0	6,683	33,504	
Wyoming	35,715	36,533	35,576	751	207	0	3,388	9,723	
<b>Other activities/jurisdictions</b>									
Indian Tribe Set-Aside	105,723	108,184	108,184	0	0	0	1,846	10,228	
Other nonstate allocations	22,619	16,190	5,000	1,190	10,000	0	0	10,279	
American Samoa	12,482	18,949	18,949	0	0	0	359	2,347	
Guam	17,552	20,531	20,531	0	0	0	809	3,931	
Northern Marianas	7,545	11,454	11,454	0	0	0	262	1,445	
Puerto Rico	421,116	409,230	408,361	869	0	0	5,169	62,267	
U.S. Virgin Islands	10,099	9,886	9,886	0	0	0	416	2,505	

<sup>1</sup>Includes Basic, Concentration, Targeted, and Education Finance Incentive Grants.  
<sup>2</sup>The Every Student Succeeds Act of 2015, under which fiscal year (FY) 2017 funds were appropriated, did not authorize funding for School Improvement State Grants.  
<sup>3</sup>Total excludes other activities and other jurisdictions.  
NOTE: Data for FY 2016 are revised from previously published figures. Estimates for FY 2017 are preliminary. FY 2016 funds were authorized under the No Child Left Behind Act of 2001,

while FY 2017 funds were authorized under the Every Student Succeeds Act of 2015. Detail may not sum to totals because of rounding.  
SOURCE: U.S. Department of Education, Budget Service, Elementary, Secondary, and Vocational Education Analysis Division, retrieved October 23, 2017, from <https://www2.ed.gov/about/overview/budget/statetables/18stbyprogram.pdf>. (This table was prepared October 2017.)

**Table 402.10. Federal obligations for research, development, and R&D plant, by category of obligation, performer, and field of science and engineering: Fiscal years 2009 through 2017**

[In millions]

Category of obligation, performer, and field of science and engineering	Actual								Estimated	
	2009	2010	2011	2012	2013	2014	2015	2016	2017	Percent change, 2016 to 2017
1	2	3	4	5	6	7	8	9	10	11
	Current dollars									
<b>Total obligations for research, development, and R&amp;D plant.....</b>	<b>\$144,760.5</b>	<b>\$146,967.8</b>	<b>\$139,661.5</b>	<b>\$140,635.8</b>	<b>\$127,291.1</b>	<b>\$132,496.3</b>	<b>\$131,398.2</b>	<b>\$142,555.0</b>	<b>\$145,407.7</b>	<b>2.0</b>
<b>Research and development obligations....</b>	<b>141,092.5</b>	<b>140,354.5</b>	<b>135,490.8</b>	<b>138,485.1</b>	<b>125,386.0</b>	<b>130,278.7</b>	<b>128,573.2</b>	<b>140,069.8</b>	<b>142,608.3</b>	<b>1.8</b>
Performer										
Federal intramural <sup>1</sup> .....	31,546.4	30,911.8	35,144.7	34,367.8	32,963.1	34,736.1	34,925.1	37,918.3	38,241.9	0.9
Industrial firms.....	59,749.3	59,867.8	53,550.2	58,910.1	49,538.1	50,236.5	47,455.2	53,727.9	54,142.1	0.8
Federally funded research and development centers (FFRDCs) administered by industrial firms.....	4,067.1	3,946.2	4,424.5	3,611.7	3,796.1	4,207.5	3,935.8	4,477.3	4,505.3	0.6
Universities and colleges.....	31,557.7	31,192.3	27,680.3	27,509.5	25,772.0	27,429.3	27,414.7	28,883.2	29,922.2	3.6
FFRDCs administered by universities and colleges.....	3,402.7	3,370.5	3,437.8	3,694.2	3,711.7	3,800.8	3,911.7	4,237.7	4,608.1	8.7
Other nonprofit institutions.....	7,049.7	7,245.3	6,636.6	6,347.0	5,915.0	6,134.9	6,136.2	6,345.6	6,490.0	2.3
FFRDCs administered by nonprofit institutions.....	2,730.7	2,784.1	2,923.7	2,752.2	2,571.9	2,557.1	3,271.4	2,910.5	3,285.8	12.9
State and local governments.....	392.0	426.7	716.2	453.2	385.6	446.4	487.0	567.8	474.0	-16.5
Foreign.....	596.9	609.9	976.8	839.5	732.4	730.1	1,036.0	1,001.7	938.8	-6.3
<b>Research obligations.....</b>	<b>63,694.3</b>	<b>63,728.0</b>	<b>58,023.7</b>	<b>61,946.9</b>	<b>59,198.2</b>	<b>62,908.8</b>	<b>63,645.3</b>	<b>67,760.7</b>	<b>69,743.8</b>	<b>2.9</b>
Performer										
Federal intramural <sup>1</sup> .....	13,321.2	13,280.9	12,663.4	14,295.0	13,416.8	14,305.6	15,006.5	15,486.7	16,211.9	4.7
Industrial firms.....	6,280.2	6,625.5	6,037.4	7,794.0	7,365.5	8,057.5	8,110.4	9,325.7	9,119.5	-2.2
FFRDCs administered by industrial firms.....	3,070.5	2,960.1	2,984.4	2,678.7	2,713.8	3,217.5	3,098.0	3,662.0	3,529.6	-3.6
Universities and colleges.....	30,168.8	29,607.8	26,253.2	26,289.9	24,771.7	26,110.1	25,962.1	27,255.8	28,236.9	3.6
FFRDCs administered by universities and colleges.....	2,148.1	2,151.6	2,224.4	2,856.9	3,089.7	3,090.9	3,226.8	3,489.3	3,778.5	8.3
Other nonprofit institutions.....	6,500.7	6,687.0	5,760.8	5,812.9	5,445.5	5,648.4	5,710.6	5,833.8	5,961.2	2.2
FFRDCs administered by nonprofit institutions.....	1,462.0	1,633.6	1,447.7	1,457.0	1,686.8	1,725.7	1,616.9	1,794.8	2,028.5	13.0
State and local governments.....	343.6	352.8	282.2	352.2	313.5	394.7	420.3	425.0	385.0	-9.4
Foreign.....	399.3	428.6	370.2	410.3	394.8	358.5	493.7	487.6	492.7	1.1
Field										
Engineering.....	10,285.0	11,081.2	10,057.2	11,403.4	10,948.2	11,887.5	11,955.6	13,113.7	13,691.4	4.4
Environmental sciences.....	3,751.1	3,338.9	3,207.2	3,884.3	4,041.0	4,365.8	4,413.7	4,677.8	4,911.0	5.0
Life sciences.....	33,267.1	33,909.1	29,408.6	30,966.7	29,328.4	30,668.2	30,473.0	32,041.6	32,766.6	2.3
Mathematics and computer sciences..	3,611.8	3,411.8	3,374.3	3,527.5	3,427.0	3,883.2	3,862.7	4,208.3	4,426.6	5.2
Physical sciences.....	5,821.1	5,870.8	5,426.6	6,407.5	6,281.9	6,483.1	6,510.3	6,757.3	6,934.1	2.6
Psychology.....	2,086.3	2,155.6	1,886.8	2,086.6	1,935.2	1,968.0	1,994.9	2,119.5	2,161.9	2.0
Social sciences.....	1,159.2	1,197.3	1,262.4	1,124.5	1,237.3	1,435.1	1,136.3	1,287.3	1,239.8	-3.7
Other sciences.....	3,712.7	2,763.2	3,400.5	2,546.3	1,999.3	2,217.9	3,298.8	3,555.1	3,612.4	1.6
<b>Development obligations.....</b>	<b>77,398.2</b>	<b>76,626.5</b>	<b>77,467.1</b>	<b>76,538.3</b>	<b>66,187.8</b>	<b>67,369.9</b>	<b>64,927.8</b>	<b>72,309.1</b>	<b>72,864.5</b>	<b>0.8</b>
Performer										
Federal intramural <sup>1</sup> .....	18,225.2	17,630.9	22,481.3	20,072.8	19,546.3	20,430.5	19,918.5	22,431.5	22,030.0	-1.8
Industrial firms.....	53,467.0	53,242.3	47,512.8	51,116.1	42,172.6	42,179.1	39,344.9	44,402.2	45,022.6	1.4
FFRDCs administered by industrial firms.....	996.6	986.1	1,440.1	933.0	1,082.3	990.0	837.8	815.2	975.8	19.7
Universities and colleges.....	1,389.0	1,584.5	1,427.1	1,219.6	1,000.2	1,319.2	1,452.6	1,627.4	1,685.3	3.6
FFRDCs administered by universities and colleges.....	1,254.6	1,218.9	1,213.3	837.3	622.1	709.9	684.9	748.4	829.6	10.9
Other nonprofit institutions.....	549.0	558.3	875.8	534.1	469.5	486.5	425.6	511.8	528.8	3.3
FFRDCs administered by nonprofit institutions.....	1,268.7	1,150.4	1,476.0	1,295.2	885.1	831.5	1,654.5	1,115.7	1,257.3	12.7
State and local governments.....	48.4	73.9	434.0	101.0	72.1	51.6	66.7	142.7	89.0	-37.6
Foreign.....	197.6	181.3	606.6	429.2	337.6	371.6	542.3	514.2	446.1	-13.2
<b>R&amp;D plant obligations.....</b>	<b>3,668.0</b>	<b>6,613.3</b>	<b>4,170.7</b>	<b>2,150.7</b>	<b>1,905.1</b>	<b>2,217.6</b>	<b>2,825.1</b>	<b>2,485.2</b>	<b>2,799.4</b>	<b>12.6</b>
Performer										
Federal intramural <sup>1</sup> .....	804.7	1,953.3	846.5	486.2	673.3	642.5	1,417.2	860.5	1,088.6	26.5
Industrial firms.....	396.3	1,751.2	2,030.0	460.5	231.5	323.3	275.6	270.2	328.2	21.5
FFRDCs administered by industrial firms.....	127.7	167.7	118.3	51.8	79.5	91.2	101.7	88.8	90.7	2.2
Universities and colleges.....	607.0	1,532.6	286.0	372.5	236.6	325.8	292.2	354.1	368.4	4.0
FFRDCs administered by universities and colleges.....	706.5	491.4	242.9	248.1	246.2	308.5	376.3	545.9	544.7	-0.2
Other nonprofit institutions.....	154.4	245.9	141.3	200.8	184.1	212.8	151.3	200.1	216.6	8.3
FFRDCs administered by nonprofit institutions.....	868.2	465.3	491.0	323.1	249.8	309.8	210.6	165.4	162.0	-2.1
State and local governments.....	1.2	2.0	0.2	#	0.2	0.3	#	#	#	#
Foreign.....	2.0	4.0	14.6	7.6	3.9	3.4	0.1	0.1	0.1	8.2

See notes at end of table.

**Table 402.10. Federal obligations for research, development, and R&D plant, by category of obligation, performer, and field of science and engineering: Fiscal years 2009 through 2017—Continued**

[In millions]

Category of obligation, performer, and field of science and engineering	Actual								Estimated	
	2009	2010	2011	2012	2013	2014	2015	2016	2017	Percent change, 2016 to 2017
1	2	3	4	5	6	7	8	9	10	11
Constant fiscal year 2017 dollars <sup>2</sup>										
<b>Total obligations for research, development, and R&amp;D plant .....</b>	<b>\$163,246.4</b>	<b>\$163,173.8</b>	<b>\$151,511.6</b>	<b>\$149,575.6</b>	<b>\$133,655.7</b>	<b>\$137,016.1</b>	<b>\$135,050.8</b>	<b>\$145,286.3</b>	<b>\$145,407.7</b>	<b>0.1</b>
<b>Research and development obligations....</b>	<b>159,110.0</b>	<b>155,831.2</b>	<b>146,987.0</b>	<b>147,288.2</b>	<b>131,655.3</b>	<b>134,722.9</b>	<b>132,147.3</b>	<b>142,753.5</b>	<b>142,608.3</b>	<b>-0.1</b>
Performer										
Federal intramural <sup>1</sup> .....	35,574.9	34,320.4	38,126.7	36,552.5	34,611.3	35,921.0	35,895.9	38,644.8	38,241.9	-1.0
Industrial firms .....	67,379.3	66,469.3	58,093.9	62,654.8	52,015.0	51,950.2	48,774.4	54,757.3	54,142.1	-1.1
Federally funded research and development centers (FFRDCs) administered by industrial firms .....	4,586.5	4,381.3	4,799.9	3,841.3	3,985.9	4,351.0	4,045.2	4,563.1	4,505.3	-1.3
Universities and colleges .....	35,587.6	34,631.8	30,028.9	29,258.2	27,060.6	28,365.0	28,176.8	29,436.6	29,922.2	1.6
FFRDCs administered by universities and colleges .....	3,837.2	3,742.2	3,729.5	3,929.0	3,897.3	3,930.5	4,020.4	4,318.9	4,608.1	6.7
Other nonprofit institutions .....	7,949.9	8,044.2	7,199.7	6,750.5	6,210.8	6,344.2	6,306.8	6,467.2	6,490.0	0.4
FFRDCs administered by nonprofit institutions .....	3,079.4	3,091.1	3,171.8	2,927.1	2,700.5	2,644.3	3,362.3	2,966.3	3,285.8	10.8
State and local governments .....	442.1	473.8	777.0	482.0	404.9	461.6	500.5	578.7	474.0	-18.1
Foreign .....	673.1	677.2	1,059.7	892.9	769.0	755.0	1,064.8	1,020.9	938.8	-8.0
<b>Research obligations .....</b>	<b>71,828.1</b>	<b>70,755.2</b>	<b>62,946.9</b>	<b>65,884.7</b>	<b>62,158.1</b>	<b>65,054.8</b>	<b>65,414.5</b>	<b>69,059.0</b>	<b>69,743.8</b>	<b>1.0</b>
Performer										
Federal intramural <sup>1</sup> .....	15,022.3	14,745.4	13,737.9	15,203.7	14,087.6	14,793.6	15,423.7	15,783.4	16,211.9	2.7
Industrial firms .....	7,082.2	7,356.1	6,549.7	8,289.4	7,733.8	8,332.4	8,335.9	9,504.4	9,119.5	-4.0
FFRDCs administered by industrial firms .....	3,462.6	3,286.5	3,237.6	2,849.0	2,849.5	3,327.3	3,184.1	3,732.2	3,529.6	-5.4
Universities and colleges .....	34,021.4	32,872.6	28,480.7	27,961.1	26,010.3	27,000.8	26,683.8	27,778.0	28,236.9	1.7
FFRDCs administered by universities and colleges .....	2,422.4	2,388.9	2,413.1	3,038.5	3,244.2	3,196.3	3,316.5	3,556.2	3,778.5	6.3
Other nonprofit institutions .....	7,330.8	7,424.4	6,249.6	6,182.4	5,717.8	5,841.1	5,869.3	5,945.6	5,961.2	0.3
FFRDCs administered by nonprofit institutions .....	1,648.7	1,813.7	1,570.5	1,549.6	1,771.1	1,784.6	1,661.8	1,829.2	2,028.5	10.9
State and local governments .....	387.5	391.7	306.1	374.6	329.2	408.2	432.0	433.1	385.0	-11.1
Foreign .....	450.3	475.9	401.6	436.4	414.5	370.7	507.4	496.9	492.7	-0.9
Field										
Engineering .....	11,598.4	12,303.1	10,910.5	12,128.3	11,495.6	12,293.0	12,287.9	13,365.0	13,691.4	2.4
Environmental sciences .....	4,230.1	3,707.1	3,479.3	4,131.2	4,243.1	4,514.7	4,536.4	4,767.4	4,911.0	3.0
Life sciences .....	37,515.3	37,648.2	31,903.9	32,935.2	30,794.8	31,714.4	31,320.1	32,655.5	32,766.6	0.3
Mathematics and computer sciences ..	4,073.0	3,788.0	3,660.6	3,751.7	3,598.4	4,015.7	3,970.1	4,288.9	4,426.6	3.2
Physical sciences .....	6,564.5	6,518.2	5,887.0	6,814.8	6,596.0	6,704.3	6,691.3	6,886.8	6,934.1	0.7
Psychology .....	2,352.7	2,393.3	2,046.9	2,219.2	2,032.0	2,035.1	2,050.4	2,160.1	2,161.9	0.1
Social sciences .....	1,307.2	1,329.3	1,369.5	1,196.0	1,299.2	1,484.1	1,167.9	1,312.0	1,239.8	-5.5
Other sciences .....	4,186.8	3,067.9	3,689.0	2,708.2	2,099.3	2,293.6	3,390.5	3,623.2	3,612.4	-0.3
<b>Development obligations .....</b>	<b>87,282.0</b>	<b>85,076.0</b>	<b>84,040.1</b>	<b>81,403.6</b>	<b>69,497.2</b>	<b>69,668.1</b>	<b>66,732.7</b>	<b>73,694.5</b>	<b>72,864.5</b>	<b>-1.1</b>
Performer										
Federal intramural <sup>1</sup> .....	20,552.6	19,575.0	24,388.8	21,348.8	20,523.6	21,127.4	20,472.2	22,861.3	22,030.0	-3.6
Industrial firms .....	60,294.7	59,113.3	51,544.2	54,365.4	44,281.2	43,617.9	40,438.6	45,252.9	45,022.6	-0.5
FFRDCs administered by industrial firms .....	1,123.9	1,094.8	1,562.3	992.3	1,136.4	1,023.8	861.1	830.8	975.8	17.5
Universities and colleges .....	1,566.4	1,759.2	1,548.2	1,297.1	1,050.2	1,364.2	1,493.0	1,658.6	1,685.3	1.6
FFRDCs administered by universities and colleges .....	1,414.8	1,353.3	1,316.2	890.5	653.2	734.1	703.9	762.7	829.6	8.8
Other nonprofit institutions .....	619.1	619.9	950.1	568.1	493.0	503.1	437.4	521.6	528.8	1.4
FFRDCs administered by nonprofit institutions .....	1,430.7	1,277.3	1,601.2	1,377.5	929.4	859.9	1,700.5	1,137.1	1,257.3	10.6
State and local governments .....	54.6	82.0	470.8	107.4	75.7	53.4	68.6	145.4	89.0	-38.8
Foreign .....	222.8	201.3	658.1	456.5	354.5	384.3	557.4	524.1	446.1	-14.9
<b>R&amp;D plant obligations .....</b>	<b>4,136.4</b>	<b>7,342.5</b>	<b>4,524.6</b>	<b>2,287.4</b>	<b>2,000.4</b>	<b>2,293.2</b>	<b>2,903.6</b>	<b>2,532.8</b>	<b>2,799.4</b>	<b>10.5</b>
Performer										
Federal intramural <sup>1</sup> .....	907.5	2,168.7	918.3	517.1	707.0	664.4	1,456.6	877.0	1,088.6	24.1
Industrial firms .....	446.9	1,944.3	2,202.2	489.8	243.1	334.3	283.3	275.4	328.2	19.2
FFRDCs administered by industrial firms .....	144.0	186.2	128.3	55.1	83.5	94.3	104.5	90.5	90.7	0.2
Universities and colleges .....	684.5	1,701.6	310.3	396.2	248.4	336.9	300.3	360.9	368.4	2.1
FFRDCs administered by universities and colleges .....	796.7	545.6	263.5	263.9	258.5	319.0	386.8	556.4	544.7	-2.1
Other nonprofit institutions .....	174.1	273.0	153.3	213.6	193.3	220.1	155.5	203.9	216.6	6.2
FFRDCs administered by nonprofit institutions .....	979.1	516.6	532.7	343.6	262.3	320.4	216.5	168.6	162.0	-3.9
State and local governments .....	1.4	2.2	0.2	#	0.2	0.3	#	#	#	#
Foreign .....	2.3	4.4	15.8	8.1	4.1	3.5	0.1	0.1	0.1	-1.9

#Rounds to zero.

<sup>1</sup>Includes costs associated with the administration of intramural and extramural programs by federal personnel as well as actual intramural performance.

<sup>2</sup>Data adjusted by the federal budget composite deflator reported in U.S. Office of Management and Budget, *Budget of the U.S. Government, Historical Tables, Fiscal Year 2018*.

NOTE: Detail may not sum to totals because of rounding. Totals do not include the Central Intelligence Agency.

SOURCE: National Science Foundation, National Center for Science and Engineering Statistics, Survey of Federal Funds for Research and Development, 2009 through 2017, retrieved April 5, 2018, from <https://ncesdata.nsf.gov/fedfunds/2015/>. (This table was prepared April 2018.)

## CHAPTER 5

# Outcomes of Education

This chapter contains tables comparing educational attainment and workforce characteristics. The data show labor force status, income levels, and occupations of high school dropouts and high school and college graduates. Most of these tables are based on data from the U.S. Census Bureau and the U.S. Bureau of Labor Statistics. Population characteristics are provided for many of the measures to allow for comparisons among various demographic groups. While most of the tables in this chapter focus on labor market outcomes, the chapter ends with several tables on adults' attitudes, skills, and participation in continuing education.

Statistics related to outcomes of education appear in other sections of the *Digest*. For example, statistics on educational attainment of the entire population are in Chapter 1. More detailed data on the numbers of high school and college graduates can be found in Chapters 2 and 3. Chapter 3 contains trend data on the percentage of high school completers going to college. Chapter 6 includes international comparisons of employment rates by educational attainment. Additional data on earnings by educational attainment may be obtained from the U.S. Census Bureau's Current Population Reports, Series P-60. The U.S. Bureau of Labor Statistics has a series of publications regarding the educational characteristics of the labor force. Further information on survey methodologies can be found in Appendix A: Guide to Sources and in the publications cited in the table source notes.

### Labor Force

In 2016, the labor force participation rate—that is, the percentage of people either employed or actively seeking employment—was generally higher for adults with higher levels of educational attainment than for those with less education. Among 25- to 64-year-old adults, 86 percent of those with a bachelor's or higher degree participated in the labor force in 2016, compared with 72 percent of those who had completed only high school and 60 percent of those who had not completed high school (table 501.10). Within each education level, the labor force participation rate also varied by race/ethnicity. For 25- to 64-year-olds who had completed only high school, the 2016 labor force participation rate was highest for Hispanics (76 percent), followed by Asians (74 percent), then Whites (72 percent), then Blacks (68 percent), and then American Indians/Alaska Natives (63 percent). For 25- to 64-year-olds with a

bachelor's or higher degree in 2016, the labor force participation rate was highest for Blacks (88 percent), followed by Hispanics and Whites (both at 87 percent), and then American Indians/Alaska Natives (83 percent). The labor force participation rate for Asians with a bachelor's or higher degree (82 percent) was lower than the rates for Blacks, Hispanics, and Whites, but not measurably different from the rate for American Indians/Alaska Natives.

In 2017, the unemployment rate—that is, the percentage of people in the labor force who are not employed and who have made specific efforts to find employment sometime during the prior 4 weeks—was generally higher for people with lower levels of educational attainment than for those with more education. The unemployment rate for 25- to 64-year-old adults who had not completed high school was 8 percent in 2017, compared with 5 percent for those who had completed only high school and 2 percent for those with a bachelor's or higher degree (table 501.80). Within each education level, the unemployment rates for 16- to 19-year-olds and 20- to 24-year-olds tended to be higher than the unemployment rate for 25- to 64-year-olds. For example, among 20- to 24-year-olds who had not completed high school and were not enrolled in school, the 2017 unemployment rate was 16 percent, compared with 8 percent for 25- to 64-year-olds with the same level of educational attainment. Among adults in the 25- to 34-year-old age group, the 2017 unemployment rate was 13 percent for those who had not completed high school, 7 percent for high school completers, and 3 percent for those with a bachelor's or higher degree (table 501.80 and figure 22).

In 2017, the employment to population ratio—that is, the percentage of the population that is employed—was generally higher for people with higher levels of educational attainment than for those with less education. Among 25- to 34-year-olds, for example, 86 percent of those with a bachelor's or higher degree were employed in 2017, compared with 72 percent of those who had completed only high school and 57 percent of those who had not completed high school (table 501.50 and figure 23).

In 2017, about half (51 percent) of all employed people age 25 and over had a postsecondary (i.e., an associate's or higher) degree (table 502.10). Seven percent of employed people age 25 and over had not completed high school.

The relative difficulties that high school dropouts encounter in entering the job market are highlighted by comparing the labor force participation and employment rates of recent high school dropouts with those of recent

high school completers who did not immediately enroll in postsecondary education. In October 2016, about 51 percent of 2015–16 dropouts participated in the labor force (i.e., were either employed or looking for work), with 35 percent employed and 16 percent looking for work (table 504.20 and figure 24). In contrast, the labor force participation rate was 72 percent for 2015–16 high school completers who were not enrolled in college, with 58 percent employed and 14 percent looking for work (table 504.10 and figure 24).

## Earnings

Median annual earnings were generally higher for adults with higher levels of educational attainment than for those with lower levels of educational attainment. Among full-time year-round workers age 25 and over, both males and females who had more education generally earned more than their counterparts of the same sex who had less education. In 2016, for example, males whose highest level of educational attainment was a bachelor's degree earned 71 percent more than males whose highest level of attainment was high school completion, and females who had attained a bachelor's degree earned 65 percent more than females who had only completed high school (table E, table 502.20, and figure 25).

Among full-time year-round workers age 25 and over, the earnings of females were lower than the earnings of males overall, as well as by education level. For example, median 2016 earnings for full-time year-round workers whose highest level of educational attainment was a bachelor's degree were 38 percent higher for males than for females. Among those who had only completed high school, median 2016 earnings were 33 percent higher for males than for females.

From 1995 to 2016, percentage changes in earnings (after adjustment for inflation) varied by highest level of educational attainment and sex. For male full-time year-round workers age 25 and over who had started but not completed high school, the median annual earnings in 2016 (\$32,490) were not measurably different from the earnings in 1995. The median earnings of males who had completed high school decreased 10 percent from 1995 (\$46,480, in constant 2016 dollars) to 2016 (\$41,890). For males whose highest level of educational attainment was a bachelor's degree, there was no measurable difference between the median annual earnings in 2016 (\$71,630) and in 1995, after adjustment for inflation. For female full-time year-round workers age 25 and over who had started but not completed high school, the median annual earnings in 2016 (\$24,800) were not measurably different from the earnings in 1995. In constant 2016 dollars, the median earnings of females who had completed high school were 2 percent lower in 2016 (\$31,540) than in 1995 (\$32,230). For females whose highest level of attainment was a bachelor's degree, median annual earnings in constant 2016 dollars were 3 percent higher in 2016 (\$52,030) than in 1995 (\$50,480).

**Table E. Median annual earnings of full-time year-round workers 25 years old and over, by selected levels of educational attainment and sex: Selected years, 1995 through 2016**

[In constant 2016 dollars]

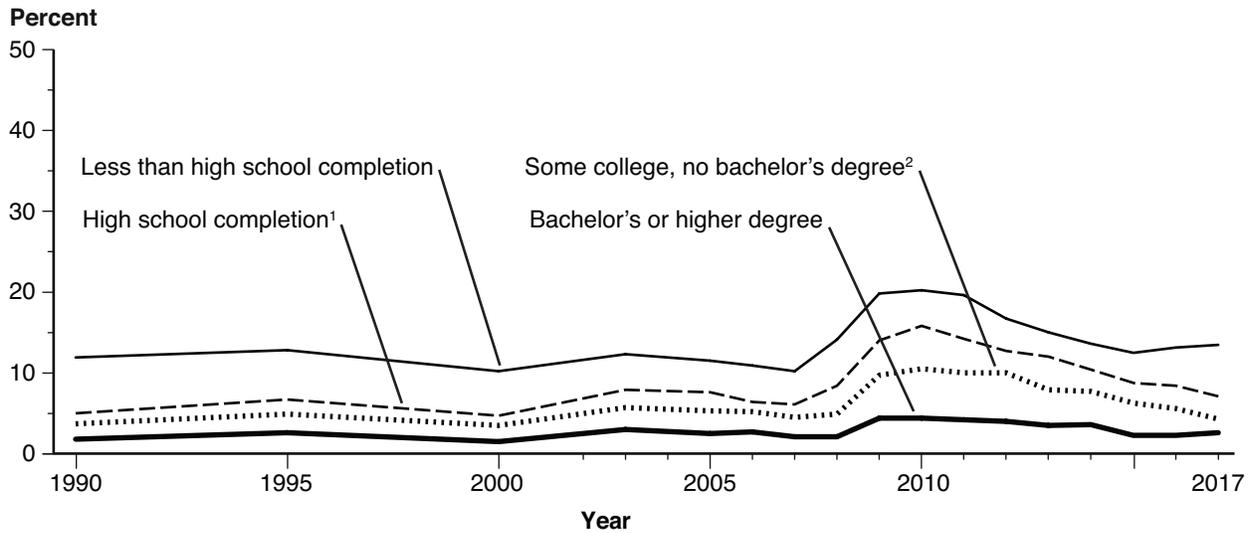
Sex and year	Some high school, no completion	High school completion	Bachelor's degree
<b>Males</b>			
1995 .....	\$34,940	\$46,480	\$71,300
2000 .....	34,980	47,810	78,520
2005 .....	33,410	44,610	73,760
2010 .....	32,400	44,090	70,150
2016 .....	32,490	41,890	71,630
<b>Females</b>			
1995 .....	\$24,920	\$32,230	\$50,480
2000 .....	24,970	34,800	56,330
2005 .....	24,730	32,310	51,830
2010 .....	22,990	32,860	52,210
2016 .....	24,800	31,540	52,030

SOURCE: U.S. Department of Commerce, Census Bureau, Current Population Reports, Series P-60, *Money Income in the United States*, 1995 and 2000; and Current Population Survey (CPS), Annual Social and Economic Supplement, 2006, 2011, and 2017.

For 25- to 29-year-old full-time year-round workers with a bachelor's degree, median annual earnings were \$48,270 in 2016 (table 505.10 and figure 26). However, the 2016 median annual earnings of 25- to 29-year-old full-time year-round workers with a bachelor's degree varied by degree field. For example, when examining fields in which more than 200,000 25- to 29-year-olds held bachelor's degrees in 2016, median annual earnings were over \$60,000 for two fields: computer and information systems (\$65,440) and engineering and engineering-related fields (\$69,650). In contrast, median annual earnings in 2016 were below \$45,000 for 25- to 29-year-old full-time year-round workers with a bachelor's degree in fields such as fine and commercial arts (\$39,830), psychology (\$40,100), education (\$40,240), and English language and literature (\$40,280).

Overall, the median annual earnings of 25- to 29-year-old full-time year-round workers with a bachelor's degree did not measurably change between 2010 and 2016 (after adjustment for inflation). However, changes in median annual earnings from 2010 to 2016 varied by degree field. For example, inflation-adjusted median annual earnings were lower in 2016 than in 2010 for those with a bachelor's degree in health professions (6 percent lower) and education (4 percent lower). In contrast, inflation-adjusted median annual earnings were higher in 2016 than in 2010 for those with a bachelor's degree in communications and communications technology (2 percent higher) and engineering and engineering-related fields (4 percent higher). There was no measurable change in inflation-adjusted median annual earnings for 25- to 29-year-old full-time year-round workers with a bachelor's degree in business, computer and information systems, English language and literature, fine and commercial arts, the natural sciences, psychology, and the social sciences.

**Figure 22. Unemployment rates of persons 25 to 34 years old, by highest level of educational attainment: Selected years, 1990 through 2017**



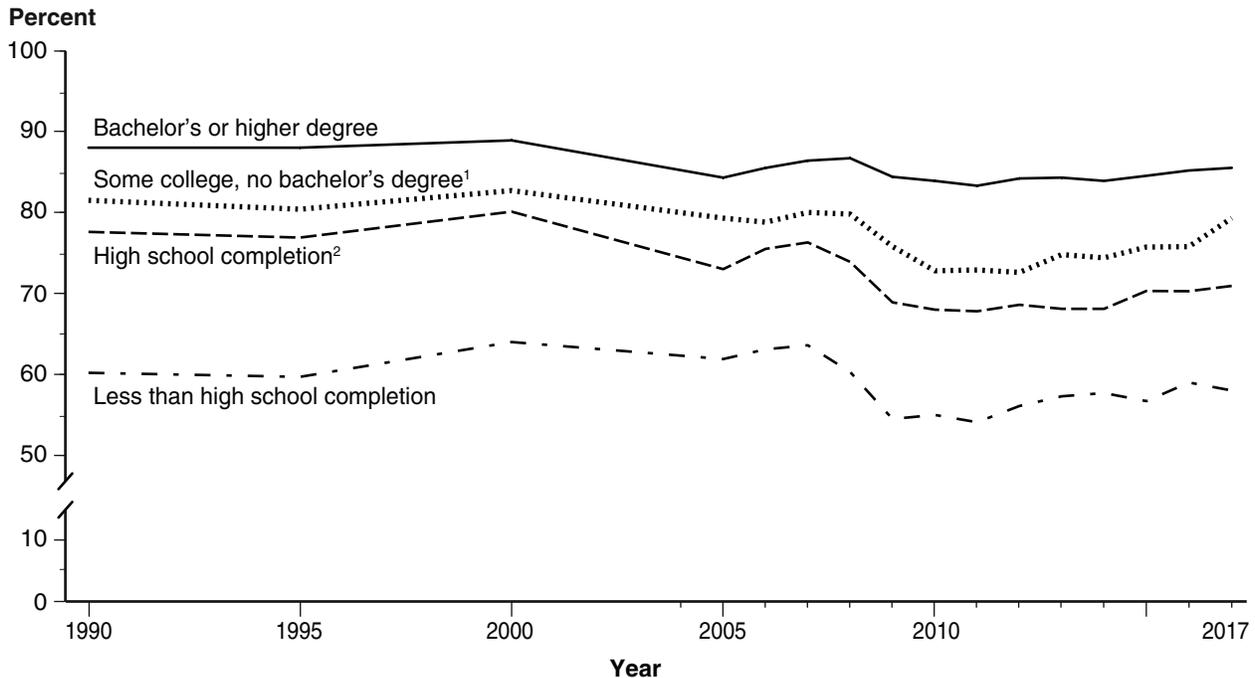
<sup>1</sup>Includes equivalency credentials, such as the GED credential.

<sup>2</sup>Includes persons with no college degree as well as those with an associate's degree.

NOTE: The unemployment rate is the percentage of persons in the civilian labor force who are not working and who made specific efforts to find employment sometime during the prior 4 weeks. The civilian labor force consists of all civilians who are employed or seeking employment.

SOURCE: U.S. Department of Commerce, Census Bureau, Current Population Survey (CPS), Annual Social and Economic Supplement, selected years, 1990 through 2017.

**Figure 23. Employment to population ratios of persons 25 to 34 years old, by highest level of educational attainment: Selected years, 1990 through 2017**



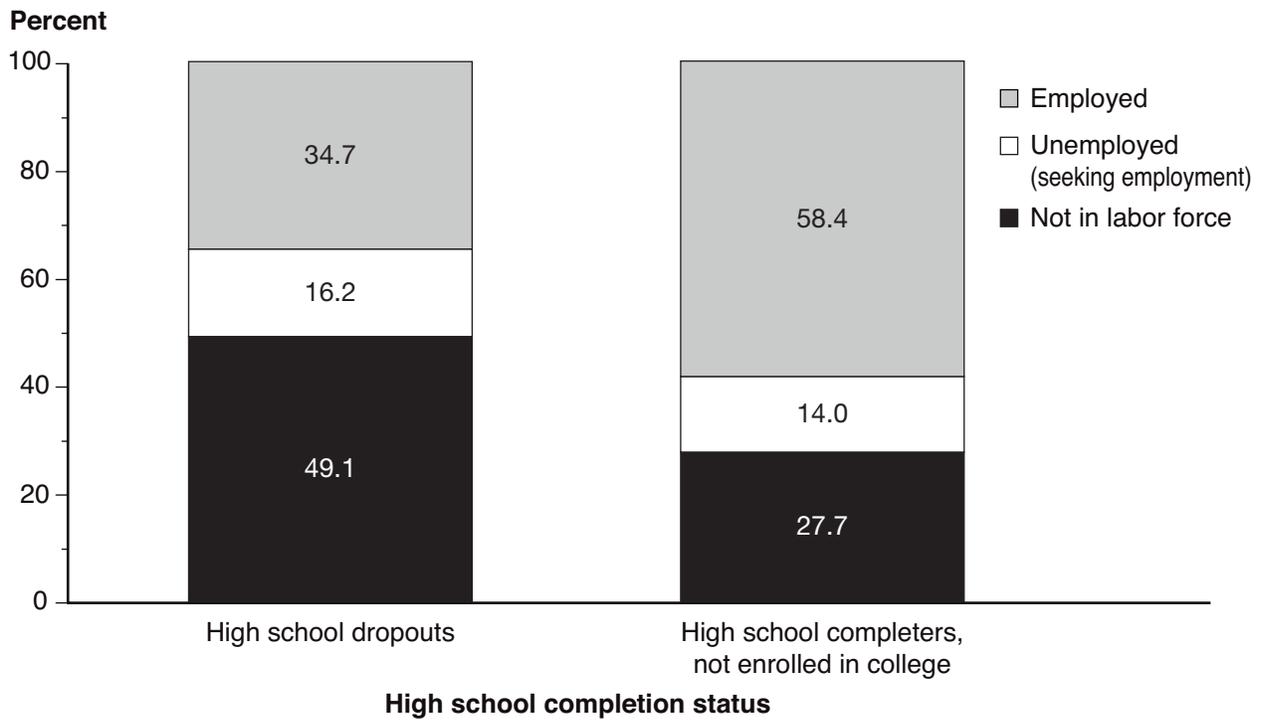
<sup>1</sup>Includes persons with no college degree as well as those with an associate's degree.

<sup>2</sup>Includes equivalency credentials, such as the GED credential.

NOTE: The employment to population ratio is the number of persons employed as a percentage of the civilian population.

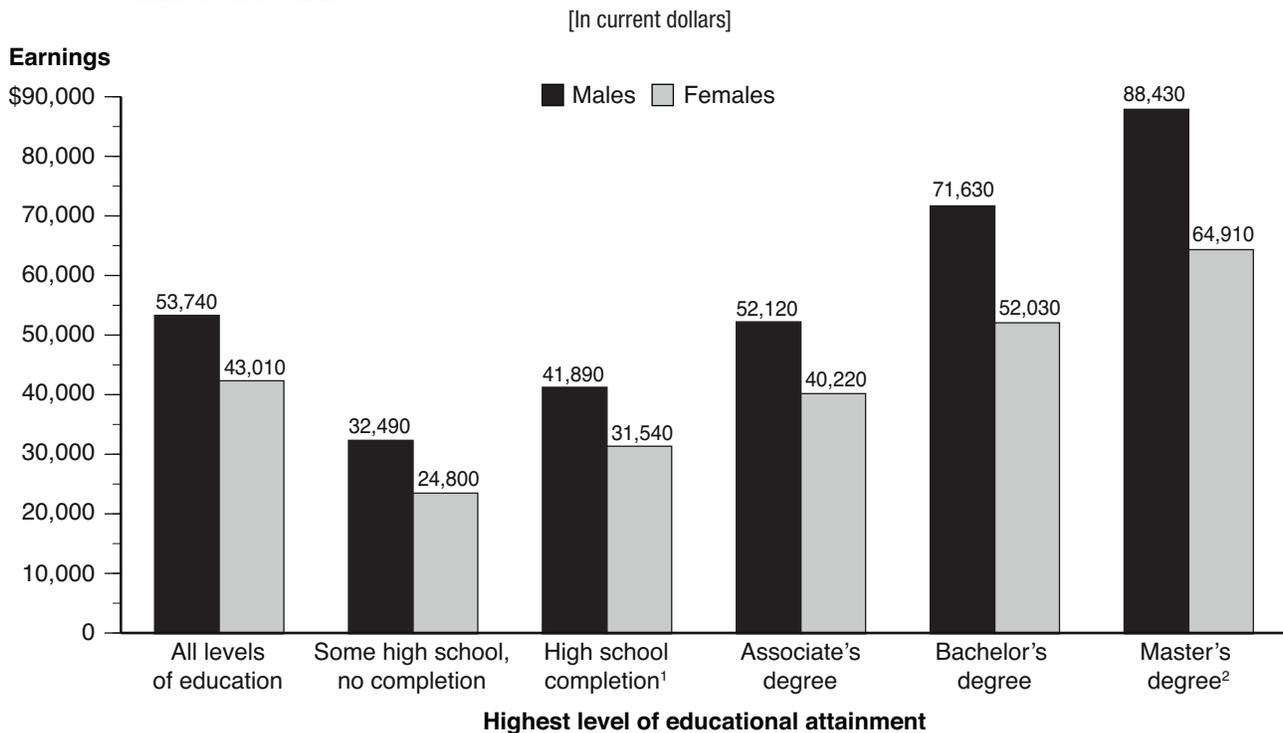
SOURCE: U.S. Department of Commerce, Census Bureau, Current Population Survey (CPS), Annual Social and Economic Supplement, selected years, 1990 through 2017.

**Figure 24. Percentage distribution of 2015–16 high school dropouts and high school completers not enrolled in college, by labor force status: October 2016**



NOTE: Estimates are for 16- to 24-year-olds only. Dropouts are those who left school in the 12-month period ending in October 2016 without completing a high school credential. Completers are those who received either a high school diploma or an equivalency credential between January and October 2016. Excludes persons in the military and persons living in institutions (e.g., prisons or nursing facilities). Graphic display was generated using unrounded data. Detail may not sum to totals because of rounding.  
 SOURCE: U.S. Department of Commerce, Census Bureau, Current Population Survey (CPS), October 2016.

**Figure 25. Median annual earnings of full-time year-round workers 25 years old and over, by highest level of educational attainment and sex: 2016**

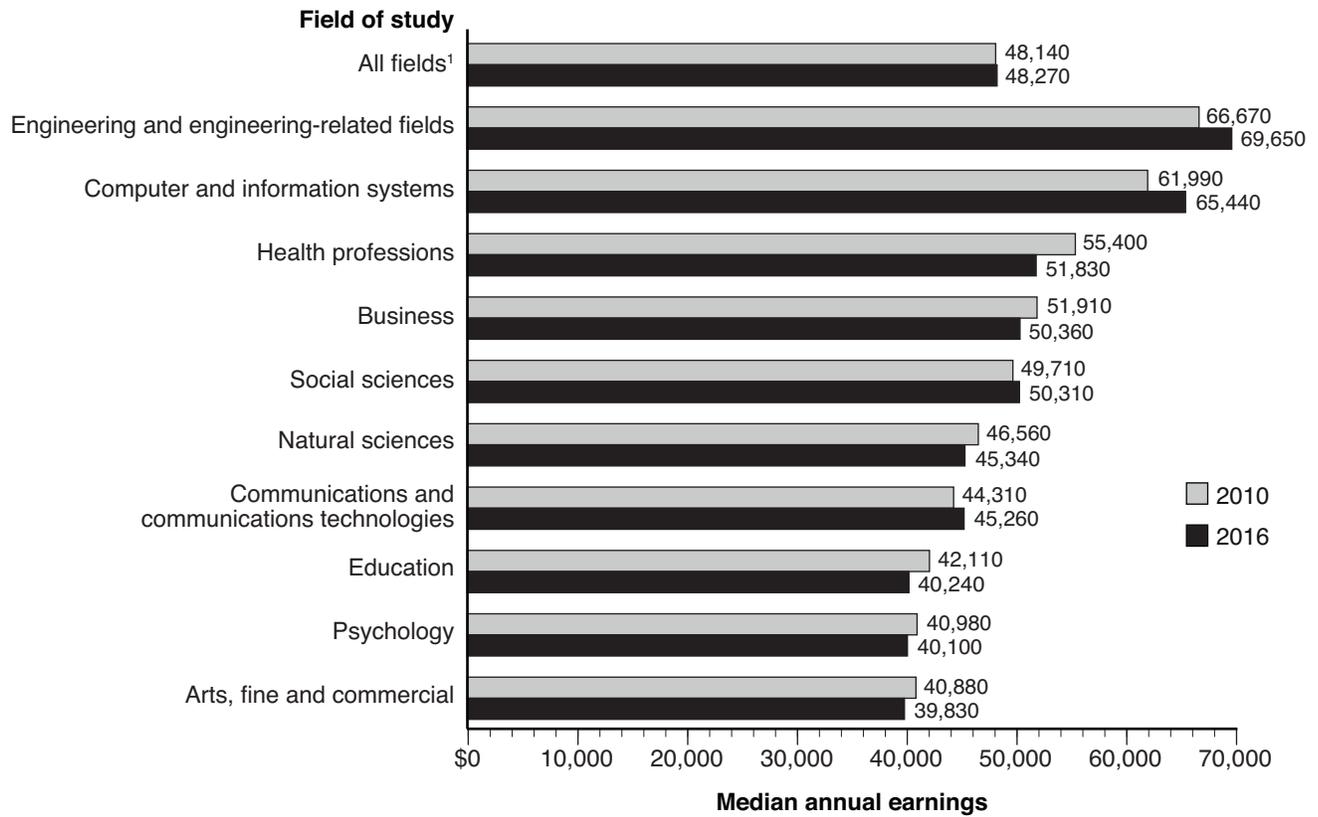


<sup>1</sup>Includes equivalency credentials, such as the GED credential.

<sup>2</sup>Includes only persons whose highest level of education is a master's degree. Doctor's and professional degree recipients are not included.

SOURCE: U.S. Department of Commerce, Census Bureau, Current Population Survey (CPS), Annual Social and Economic Supplement, 2017. Retrieved April 9, 2018, from <https://www.census.gov/data/tables/time-series/demo/income-poverty/cps-pinc/pinc-03.html>.

**Figure 26. Median annual earnings of 25- to 29-year-old bachelor's degree holders employed full time, by field of study: 2010 and 2016**  
 [In constant 2016 dollars]



<sup>1</sup>Includes graduates in other fields not separately shown.

SOURCE: U.S. Department of Commerce, Census Bureau, 2010 and 2016 American Community Survey (ACS) Public Use Microdata Sample (PUMS) data.

**Table 501.10. Labor force participation, employment, and unemployment of persons 25 to 64 years old, by sex, race/ethnicity, age group, and educational attainment: 2014, 2015, and 2016**  
[Standard errors appear in parentheses]

Sex, race/ethnicity, age group, and educational attainment	Labor force participation				Employment				Unemployment			
	Labor force participation rate <sup>1</sup>			Number of participants (in thousands)	Employment to population ratio <sup>2</sup>			Number employed (in thousands)	Unemployment rate <sup>3</sup>			Number unemployed (in thousands)
	2014	2015	2016		2014	2015	2016		2014	2015	2016	
	2	3	4	5	6	7	8	9	10	11	12	13
<b>All persons 25 to 64 years old, all education levels</b>	<b>77.1 (0.04)</b>	<b>77.1 (0.04)</b>	<b>77.3 (0.04)</b>	<b>130,423 (82.9)</b>	<b>72.5 (0.05)</b>	<b>73.1 (0.04)</b>	<b>73.7 (0.05)</b>	<b>124,270 (89.9)</b>	<b>6.0 (0.03)</b>	<b>5.2 (0.03)</b>	<b>4.7 (0.02)</b>	<b>6,152 (29.9)</b>
Less than high school completion	60.2 (0.15)	60.1 (0.14)	60.2 (0.13)	11,659 (48.6)	53.6 (0.15)	54.3 (0.16)	55.0 (0.14)	10,650 (45.7)	11.0 (0.13)	9.6 (0.12)	8.7 (0.11)	1,009 (13.3)
High school completion <sup>4</sup>	72.3 (0.09)	71.9 (0.08)	72.0 (0.09)	31,478 (86.1)	66.7 (0.09)	67.0 (0.08)	67.5 (0.09)	29,511 (84.5)	7.8 (0.07)	6.9 (0.06)	6.3 (0.06)	1,968 (18.7)
Some college, no degree	77.5 (0.09)	77.4 (0.09)	77.5 (0.08)	27,347 (66.0)	72.4 (0.10)	73.0 (0.10)	73.5 (0.09)	25,942 (64.1)	6.5 (0.06)	5.6 (0.05)	5.1 (0.05)	1,405 (13.0)
Associate's degree	81.6 (0.13)	81.7 (0.13)	81.5 (0.14)	12,445 (49.1)	77.5 (0.15)	78.3 (0.13)	78.3 (0.14)	11,960 (46.5)	5.1 (0.08)	4.2 (0.08)	3.9 (0.07)	486 (9.6)
Bachelor's or higher degree	85.8 (0.06)	86.0 (0.06)	86.2 (0.06)	47,493 (122.8)	83.0 (0.07)	83.5 (0.06)	83.9 (0.07)	46,207 (119.8)	3.3 (0.04)	2.9 (0.03)	2.7 (0.03)	1,285 (14.6)
<b>Sex</b>												
<b>Male, all education levels</b>	<b>82.6 (0.05)</b>	<b>82.5 (0.06)</b>	<b>82.6 (0.05)</b>	<b>68,675 (50.7)</b>	<b>77.6 (0.06)</b>	<b>78.2 (0.06)</b>	<b>78.7 (0.06)</b>	<b>65,432 (54.0)</b>	<b>6.0 (0.04)</b>	<b>5.2 (0.03)</b>	<b>4.7 (0.04)</b>	<b>3,243 (25.3)</b>
Less than high school completion	69.9 (0.18)	69.5 (0.20)	69.4 (0.18)	7,389 (37.5)	63.0 (0.19)	63.5 (0.21)	64.0 (0.19)	6,821 (35.6)	9.9 (0.16)	8.7 (0.12)	7.7 (0.13)	569 (10.2)
High school completion <sup>4</sup>	78.3 (0.12)	77.9 (0.12)	77.8 (0.12)	18,289 (54.0)	72.2 (0.13)	72.5 (0.12)	72.9 (0.12)	17,142 (52.0)	7.8 (0.09)	6.9 (0.08)	6.3 (0.08)	1,147 (14.7)
Some college, no degree	82.7 (0.12)	82.8 (0.12)	82.8 (0.12)	14,172 (47.9)	77.5 (0.12)	78.3 (0.13)	78.7 (0.12)	13,478 (46.1)	6.2 (0.08)	5.4 (0.08)	4.9 (0.07)	694 (9.7)
Associate's degree	86.4 (0.19)	86.3 (0.17)	86.4 (0.16)	5,621 (30.9)	82.0 (0.21)	82.7 (0.18)	83.0 (0.16)	5,398 (29.1)	5.0 (0.11)	4.1 (0.10)	4.0 (0.10)	223 (5.9)
Bachelor's or higher degree	91.1 (0.07)	91.4 (0.07)	91.4 (0.07)	23,203 (64.2)	88.2 (0.08)	88.8 (0.08)	89.0 (0.09)	22,594 (62.5)	3.3 (0.05)	2.9 (0.05)	2.6 (0.05)	609 (10.7)
<b>Female, all education levels</b>	<b>71.8 (0.05)</b>	<b>71.8 (0.06)</b>	<b>72.2 (0.06)</b>	<b>61,748 (59.1)</b>	<b>67.5 (0.06)</b>	<b>68.1 (0.06)</b>	<b>68.8 (0.06)</b>	<b>58,838 (63.3)</b>	<b>6.0 (0.04)</b>	<b>5.2 (0.04)</b>	<b>4.7 (0.03)</b>	<b>2,910 (21.2)</b>
Less than high school completion	48.7 (0.19)	48.6 (0.17)	49.0 (0.20)	4,270 (25.6)	42.4 (0.19)	43.1 (0.20)	44.0 (0.21)	3,830 (24.0)	12.9 (0.20)	11.3 (0.23)	10.3 (0.19)	440 (8.7)
High school completion <sup>4</sup>	65.3 (0.12)	65.1 (0.12)	65.2 (0.14)	13,189 (53.4)	60.2 (0.12)	60.6 (0.12)	61.2 (0.16)	12,369 (53.1)	7.8 (0.10)	6.9 (0.09)	6.2 (0.09)	821 (11.9)
Some college, no degree	72.7 (0.12)	72.3 (0.13)	72.6 (0.12)	13,175 (41.1)	67.7 (0.13)	68.1 (0.14)	68.6 (0.12)	12,464 (39.3)	6.9 (0.10)	5.9 (0.08)	5.4 (0.08)	711 (10.9)
Associate's degree	78.1 (0.17)	78.4 (0.19)	77.9 (0.19)	6,824 (31.4)	74.2 (0.17)	75.0 (0.17)	74.9 (0.20)	6,562 (29.9)	5.1 (0.10)	4.3 (0.11)	3.8 (0.09)	263 (6.5)
Bachelor's or higher degree	81.3 (0.09)	81.4 (0.08)	81.8 (0.09)	24,289 (75.4)	78.5 (0.09)	79.0 (0.08)	79.5 (0.10)	23,614 (74.6)	3.4 (0.05)	3.0 (0.04)	2.8 (0.04)	676 (8.9)
<b>Race/ethnicity</b>												
<b>White, all education levels</b>	<b>78.1 (0.05)</b>	<b>78.0 (0.05)</b>	<b>78.3 (0.05)</b>	<b>81,993 (52.2)</b>	<b>74.2 (0.05)</b>	<b>74.7 (0.05)</b>	<b>75.2 (0.05)</b>	<b>78,804 (56.3)</b>	<b>4.9 (0.03)</b>	<b>4.3 (0.03)</b>	<b>3.9 (0.03)</b>	<b>3,189 (20.8)</b>
Less than high school completion	53.3 (0.26)	53.2 (0.25)	52.9 (0.27)	3,439 (25.3)	46.5 (0.26)	47.2 (0.26)	47.7 (0.28)	3,102 (24.8)	12.8 (0.23)	11.3 (0.21)	9.8 (0.24)	337 (8.3)
High school completion <sup>4</sup>	72.2 (0.11)	71.8 (0.10)	71.8 (0.11)	19,082 (61.7)	67.5 (0.11)	67.6 (0.11)	68.0 (0.11)	18,065 (59.6)	6.5 (0.07)	5.9 (0.07)	5.3 (0.07)	1,017 (14.0)
Some college, no degree	77.4 (0.10)	77.1 (0.10)	77.3 (0.10)	17,278 (47.2)	73.1 (0.10)	73.4 (0.11)	73.9 (0.10)	16,525 (46.8)	5.5 (0.06)	4.7 (0.06)	4.4 (0.06)	753 (10.5)
Associate's degree	81.8 (0.17)	81.6 (0.14)	81.7 (0.16)	8,514 (38.0)	78.3 (0.19)	78.7 (0.14)	79.0 (0.15)	8,237 (36.1)	4.3 (0.10)	3.6 (0.08)	3.3 (0.07)	277 (6.3)
Bachelor's or higher degree	86.0 (0.07)	86.3 (0.06)	86.5 (0.07)	33,680 (77.8)	83.5 (0.07)	84.1 (0.07)	84.5 (0.08)	32,875 (77.6)	2.9 (0.03)	2.5 (0.03)	2.4 (0.03)	805 (10.4)
<b>Black, all education levels</b>	<b>72.9 (0.14)</b>	<b>73.2 (0.12)</b>	<b>73.4 (0.14)</b>	<b>15,351 (35.4)</b>	<b>65.0 (0.14)</b>	<b>66.3 (0.14)</b>	<b>67.3 (0.14)</b>	<b>14,094 (36.5)</b>	<b>10.8 (0.10)</b>	<b>9.3 (0.12)</b>	<b>8.2 (0.10)</b>	<b>1,257 (15.2)</b>
Less than high school completion	47.1 (0.40)	46.9 (0.40)	46.9 (0.47)	1,199 (18.9)	36.8 (0.40)	37.4 (0.43)	38.6 (0.43)	988 (16.2)	22.0 (0.51)	20.3 (0.52)	17.6 (0.51)	211 (7.2)
High school completion <sup>4</sup>	68.1 (0.25)	67.8 (0.29)	67.9 (0.27)	4,453 (27.2)	58.9 (0.27)	59.8 (0.30)	60.8 (0.28)	3,986 (26.9)	13.5 (0.23)	11.7 (0.21)	10.5 (0.20)	467 (9.1)
Some college, no degree	76.5 (0.26)	76.9 (0.24)	77.1 (0.23)	4,155 (26.9)	68.5 (0.26)	70.0 (0.26)	71.1 (0.26)	3,828 (25.7)	10.5 (0.21)	9.0 (0.19)	7.9 (0.17)	327 (7.4)
Associate's degree	81.0 (0.33)	82.2 (0.41)	81.5 (0.36)	1,528 (16.6)	74.6 (0.41)	76.9 (0.45)	76.6 (0.39)	1,437 (15.8)	8.0 (0.30)	6.5 (0.29)	6.0 (0.27)	92 (4.4)
Bachelor's or higher degree	88.2 (0.19)	88.2 (0.18)	88.2 (0.17)	4,016 (29.1)	83.4 (0.20)	84.2 (0.20)	84.7 (0.21)	3,856 (28.3)	5.4 (0.17)	4.5 (0.16)	4.0 (0.14)	161 (5.7)
<b>Hispanic, all education levels</b>	<b>76.9 (0.11)</b>	<b>76.8 (0.10)</b>	<b>77.0 (0.10)</b>	<b>21,792 (35.3)</b>	<b>71.7 (0.11)</b>	<b>72.4 (0.11)</b>	<b>72.8 (0.11)</b>	<b>20,624 (36.1)</b>	<b>6.8 (0.08)</b>	<b>5.8 (0.07)</b>	<b>5.4 (0.08)</b>	<b>1,168 (16.8)</b>
Less than high school completion	69.6 (0.21)	69.2 (0.21)	69.6 (0.20)	6,084 (30.2)	64.1 (0.23)	64.6 (0.23)	65.1 (0.21)	5,692 (28.9)	7.8 (0.16)	6.7 (0.14)	6.4 (0.14)	392 (8.9)
High school completion <sup>4</sup>	76.5 (0.22)	76.2 (0.21)	76.1 (0.23)	6,127 (30.8)	70.9 (0.23)	71.4 (0.22)	71.7 (0.25)	5,770 (29.8)	7.3 (0.16)	6.2 (0.12)	5.8 (0.15)	357 (9.6)
Some college, no degree	80.4 (0.25)	80.6 (0.22)	80.2 (0.25)	4,147 (23.8)	75.2 (0.24)	76.0 (0.25)	76.0 (0.27)	3,930 (24.3)	6.5 (0.15)	5.7 (0.15)	5.2 (0.18)	217 (7.3)
Associate's degree	83.2 (0.41)	84.1 (0.38)	82.3 (0.40)	1,525 (18.7)	78.1 (0.48)	80.0 (0.40)	78.3 (0.43)	1,451 (18.0)	6.1 (0.30)	4.9 (0.25)	4.8 (0.23)	74 (3.7)
Bachelor's or higher degree	86.4 (0.18)	86.4 (0.21)	86.7 (0.21)	3,909 (32.0)	82.4 (0.23)	83.0 (0.23)	83.9 (0.22)	3,781 (30.9)	4.6 (0.17)	3.9 (0.13)	3.3 (0.11)	128 (4.5)
<b>Asian, all education levels</b>	<b>78.1 (0.13)</b>	<b>78.2 (0.17)</b>	<b>78.4 (0.17)</b>	<b>7,946 (24.2)</b>	<b>74.4 (0.15)</b>	<b>74.7 (0.17)</b>	<b>75.4 (0.17)</b>	<b>7,650 (24.9)</b>	<b>4.7 (0.10)</b>	<b>4.5 (0.09)</b>	<b>3.7 (0.10)</b>	<b>297 (7.8)</b>
Less than high school completion	63.1 (0.55)	63.3 (0.66)	64.6 (0.54)	695 (10.8)	58.5 (0.55)	59.0 (0.64)	61.5 (0.49)	662 (10.1)	7.3 (0.38)	6.8 (0.42)	4.8 (0.34)	34 (2.5)
High school completion <sup>4</sup>	73.6 (0.48)	73.5 (0.43)	73.6 (0.53)	1,026 (17.7)	68.6 (0.53)	69.1 (0.46)	70.2 (0.50)	978 (16.6)	6.7 (0.38)	6.0 (0.33)	4.7 (0.28)	48 (3.1)
Some college, no degree	76.5 (0.51)	77.3 (0.46)	76.4 (0.46)	922 (13.1)	72.1 (0.53)	73.1 (0.50)	72.9 (0.49)	879 (12.6)	5.7 (0.30)	5.3 (0.31)	4.6 (0.28)	43 (2.7)
Associate's degree	78.7 (0.69)	78.4 (0.64)	78.4 (0.65)	534 (9.9)	75.0 (0.67)	74.9 (0.67)	75.1 (0.69)	511 (9.6)	4.8 (0.33)	4.5 (0.37)	4.2 (0.38)	23 (2.1)
Bachelor's or higher degree	82.5 (0.20)	82.4 (0.20)	82.5 (0.19)	4,769 (24.5)	79.6 (0.22)	79.5 (0.22)	79.9 (0.20)	4,619 (23.9)	3.6 (0.11)	3.6 (0.10)	3.1 (0.12)	150 (5.9)
<b>American Indian/Alaska Native, all education levels</b>	<b>64.4 (0.51)</b>	<b>65.4 (0.61)</b>	<b>65.5 (0.48)</b>	<b>715 (9.3)</b>	<b>57.2 (0.54)</b>	<b>58.4 (0.60)</b>	<b>58.2 (0.51)</b>	<b>635 (8.6)</b>	<b>11.2 (0.42)</b>	<b>10.6 (0.37)</b>	<b>11.1 (0.44)</b>	<b>80 (3.4)</b>
Less than high school completion	43.0 (1.43)	44.9 (1.29)	42.1 (1.29)	70 (3.2)	33.3 (1.31)	35.8 (1.11)	34.1 (1.27)	57 (2.9)	22.5 (1.26)	20.3 (1.58)	18.8 (1.51)	13 (1.2)
High school completion <sup>4</sup>	60.9 (0.83)	62.5 (0.96)	63.1 (0.82)	234 (5.0)	53.0 (0.94)	54.0 (1.02)	53.7 (0.86)	199 (4.8)	12.9 (0.90)	13.7 (0.84)	14.9 (0.84)	35 (2.0)
Some college, no degree	67.5 (0.99)	67.8 (1.09)	69.1 (0.94)	202 (5.0)	60.6 (1.10)	60.9 (1.18)	61.9 (1.01)	181 (4.8)	10.2 (0.73)	10.2 (0.87)	10.4 (0.98)	21 (2.1)
Associate's degree	75.5 (1.68)	75.0 (1.58)	74.8 (1.42)	77 (2.9)	67.9 (1.72)	71.8 (1.68)	69.6 (1.57)	72 (2.8)	10.0 (1.10)	4.2 (0.97)	6.9 (1.03)	5 (0.8)
Bachelor's or higher degree	82.3 (1.16)	83.3 (1.13)	82.8 (1.01)	133 (4.9)	78.9 (1.24)	79.8 (1.12)	79.3 (1.05)	127 (4.4)	4.2 (0.67)	4.3 (0.65)	4.2 (0.68)	6 (1.0)

See notes at end of table.

**Table 501.10. Labor force participation, employment, and unemployment of persons 25 to 64 years old, by sex, race/ethnicity, age group, and educational attainment: 2014, 2015, and 2016—Continued**  
 [Standard errors appear in parentheses]

Sex, race/ethnicity, age group, and educational attainment	Labor force participation				Employment				Unemployment				
	Labor force participation rate <sup>1</sup>			Number of participants (in thousands)	Employment to population ratio <sup>2</sup>			Number employed (in thousands)	Unemployment rate <sup>3</sup>			Number unemployed (in thousands)	
	2014	2015	2016		2014	2015	2016		2014	2015	2016		
1	2	3	4	5	6	7	8	9	10	11	12	13	
<b>Age group</b>													
<b>25 to 34, all education levels</b> .....	<b>81.8 (0.07)</b>	<b>82.0 (0.09)</b>	<b>82.2 (0.07)</b>	<b>36,142 (40.5)</b>	<b>75.6 (0.09)</b>	<b>76.5 (0.09)</b>	<b>77.3 (0.08)</b>	<b>33,996 (43.8)</b>	<b>7.6 (0.07)</b>	<b>6.7 (0.06)</b>	<b>5.9 (0.05)</b>	<b>2,146 (16.5)</b>	
Less than high school completion .....	64.6 (0.32)	64.1 (0.30)	63.8 (0.25)	2,797 (22.8)	55.0 (0.33)	55.0 (0.34)	55.9 (0.27)	2,452 (20.5)	14.8 (0.30)	14.2 (0.29)	12.3 (0.26)	345 (8.0)	
High school completion <sup>4</sup> .....	76.9 (0.16)	76.8 (0.17)	76.8 (0.20)	8,036 (37.5)	68.5 (0.19)	69.1 (0.19)	69.9 (0.21)	7,310 (36.5)	11.0 (0.16)	10.0 (0.16)	9.0 (0.13)	726 (11.0)	
Some college, no degree .....	82.0 (0.15)	82.3 (0.18)	82.6 (0.15)	8,103 (39.7)	75.0 (0.19)	76.2 (0.18)	77.2 (0.18)	7,569 (37.9)	8.6 (0.15)	7.3 (0.12)	6.6 (0.11)	534 (9.2)	
Associate's degree .....	86.5 (0.22)	86.7 (0.25)	86.3 (0.23)	3,382 (26.7)	81.2 (0.30)	82.3 (0.27)	82.2 (0.25)	3,223 (25.9)	6.1 (0.20)	5.1 (0.15)	4.7 (0.17)	159 (5.8)	
Bachelor's or higher degree .....	89.4 (0.11)	89.6 (0.11)	89.9 (0.10)	13,824 (57.1)	86.3 (0.11)	86.8 (0.12)	87.4 (0.11)	13,443 (54.8)	3.5 (0.07)	3.1 (0.06)	2.8 (0.05)	381 (7.7)	
<b>35 to 44, all education levels</b> .....	<b>82.1 (0.10)</b>	<b>82.0 (0.07)</b>	<b>82.3 (0.08)</b>	<b>33,433 (42.7)</b>	<b>77.3 (0.09)</b>	<b>77.9 (0.08)</b>	<b>78.4 (0.08)</b>	<b>31,868 (41.7)</b>	<b>5.8 (0.06)</b>	<b>5.0 (0.05)</b>	<b>4.7 (0.05)</b>	<b>1,565 (16.6)</b>	
Less than high school completion .....	67.3 (0.28)	67.0 (0.24)	67.8 (0.26)	3,355 (23.5)	60.1 (0.30)	61.1 (0.26)	62.1 (0.25)	3,073 (22.1)	10.8 (0.25)	8.8 (0.20)	8.4 (0.20)	282 (7.2)	
High school completion <sup>4</sup> .....	78.0 (0.18)	77.2 (0.17)	77.4 (0.21)	7,438 (40.1)	71.6 (0.20)	71.7 (0.18)	72.3 (0.22)	6,950 (38.6)	8.1 (0.13)	7.2 (0.13)	6.6 (0.13)	488 (10.1)	
Some college, no degree .....	82.4 (0.18)	82.6 (0.16)	82.4 (0.17)	6,658 (32.1)	77.1 (0.20)	77.9 (0.20)	78.1 (0.19)	6,307 (31.8)	6.5 (0.12)	5.6 (0.12)	5.3 (0.12)	351 (7.8)	
Associate's degree .....	86.2 (0.24)	86.4 (0.25)	86.1 (0.24)	3,236 (25.3)	82.0 (0.28)	82.8 (0.25)	82.7 (0.27)	3,107 (24.6)	4.9 (0.18)	4.2 (0.15)	4.0 (0.16)	129 (5.3)	
Bachelor's or higher degree .....	89.1 (0.11)	89.2 (0.10)	89.5 (0.08)	12,746 (46.5)	86.5 (0.11)	87.0 (0.11)	87.3 (0.09)	12,431 (46.3)	2.9 (0.06)	2.5 (0.06)	2.5 (0.05)	315 (6.6)	
<b>45 to 54, all education levels</b> .....	<b>79.8 (0.08)</b>	<b>79.8 (0.08)</b>	<b>80.2 (0.08)</b>	<b>34,229 (44.1)</b>	<b>75.6 (0.08)</b>	<b>76.1 (0.09)</b>	<b>76.8 (0.09)</b>	<b>32,810 (45.2)</b>	<b>5.3 (0.05)</b>	<b>4.6 (0.04)</b>	<b>4.1 (0.04)</b>	<b>1,419 (13.0)</b>	
Less than high school completion .....	62.2 (0.27)	62.4 (0.26)	62.7 (0.26)	3,226 (21.6)	56.2 (0.27)	57.2 (0.29)	58.1 (0.29)	2,987 (22.1)	9.7 (0.21)	8.4 (0.20)	7.4 (0.19)	239 (6.1)	
High school completion <sup>4</sup> .....	75.8 (0.15)	75.6 (0.15)	75.7 (0.16)	8,753 (34.4)	70.9 (0.16)	71.2 (0.15)	71.8 (0.15)	8,301 (32.6)	6.5 (0.10)	5.7 (0.09)	5.2 (0.09)	452 (8.3)	
Some college, no degree .....	80.6 (0.17)	80.3 (0.18)	80.6 (0.15)	6,979 (28.6)	76.3 (0.18)	76.5 (0.20)	77.3 (0.17)	6,687 (28.8)	5.3 (0.11)	4.7 (0.10)	4.2 (0.09)	291 (6.0)	
Associate's degree .....	84.4 (0.24)	84.4 (0.21)	84.4 (0.22)	3,294 (21.3)	80.6 (0.24)	81.1 (0.26)	81.4 (0.23)	3,177 (20.8)	4.5 (0.12)	3.9 (0.15)	3.5 (0.12)	117 (4.2)	
Bachelor's or higher degree .....	89.0 (0.11)	88.9 (0.11)	89.1 (0.10)	11,978 (42.8)	86.1 (0.12)	86.4 (0.12)	86.8 (0.11)	11,657 (41.5)	3.2 (0.05)	2.9 (0.06)	2.7 (0.05)	321 (6.2)	
<b>55 to 64, all education levels</b> .....	<b>64.1 (0.08)</b>	<b>64.2 (0.08)</b>	<b>64.3 (0.09)</b>	<b>26,619 (37.7)</b>	<b>60.9 (0.08)</b>	<b>61.5 (0.09)</b>	<b>61.8 (0.09)</b>	<b>25,596 (39.1)</b>	<b>4.9 (0.06)</b>	<b>4.2 (0.04)</b>	<b>3.8 (0.04)</b>	<b>1,023 (10.7)</b>	
Less than high school completion .....	46.1 (0.26)	46.4 (0.26)	46.6 (0.25)	2,282 (17.3)	42.5 (0.26)	43.3 (0.27)	43.7 (0.26)	2,139 (17.2)	7.9 (0.22)	6.9 (0.22)	6.3 (0.19)	143 (4.3)	
High school completion <sup>4</sup> .....	59.5 (0.16)	59.6 (0.16)	60.0 (0.17)	7,251 (32.2)	56.3 (0.16)	56.9 (0.16)	57.5 (0.17)	6,949 (32.1)	5.3 (0.11)	4.6 (0.09)	4.2 (0.08)	302 (6.1)	
Some college, no degree .....	64.4 (0.18)	64.0 (0.19)	64.2 (0.20)	5,608 (27.1)	61.0 (0.19)	61.2 (0.18)	61.6 (0.20)	5,379 (26.6)	5.2 (0.10)	4.3 (0.11)	4.1 (0.10)	229 (5.6)	
Associate's degree .....	68.4 (0.32)	68.7 (0.29)	68.7 (0.31)	2,533 (19.2)	65.2 (0.32)	66.3 (0.29)	66.5 (0.31)	2,452 (18.3)	4.6 (0.17)	3.6 (0.16)	3.2 (0.12)	81 (3.2)	
Bachelor's or higher degree .....	74.2 (0.13)	74.6 (0.15)	74.5 (0.14)	8,945 (27.5)	71.4 (0.15)	72.2 (0.15)	72.2 (0.14)	8,676 (28.1)	3.8 (0.08)	3.3 (0.07)	3.0 (0.07)	268 (6.0)	

<sup>1</sup>Percentage of the civilian population who are employed or seeking employment.

<sup>2</sup>Number of persons employed as a percentage of the civilian population.

<sup>3</sup>The percentage of persons in the civilian labor force who are not working and who made specific efforts to find employment sometime during the prior 4 weeks.

<sup>4</sup>Includes equivalency credentials, such as the GED credential.

NOTE: Estimates are for the entire civilian population, including persons living in households and persons living in group quarters (e.g., college residence halls, residential treatment centers, or correctional facilities). Race categories exclude persons of Hispanic ethnicity. Totals include racial/ethnic groups not separately shown. Standard errors were computed using replicate weights. Detail may not sum to totals because of rounding.

SOURCE: U.S. Department of Commerce, Census Bureau, American Community Survey (ACS), 2014, 2015, and 2016, unpublished tabulations. (This table was prepared January 2018.)

**Table 501.20. Labor force participation, employment, and unemployment of persons 16 to 24 years old who are not enrolled in school, by age group, sex, race/ethnicity, and educational attainment: 2014, 2015, and 2016**

[Standard errors appear in parentheses]

Age group, sex, race/ethnicity, and educational attainment	Labor force participation				Employment				Unemployment				
	Labor force participation rate <sup>1</sup>			Number of participants (in thousands)	Employment to population ratio <sup>2</sup>			Number employed (in thousands)	Unemployment rate <sup>3</sup>			Number unemployed (in thousands)	
	2014	2015	2016		2014	2015	2016		2014	2015	2016		
1	2	3	4	5	6	7	8	9	10	11	12	13	
<b>16 to 19 years old</b>													
<b>All persons, all education levels</b> .....	<b>65.0 (0.39)</b>	<b>64.8 (0.39)</b>	<b>65.6 (0.41)</b>	<b>1,564 (16.6)</b>	<b>48.2 (0.43)</b>	<b>50.2 (0.45)</b>	<b>51.8 (0.44)</b>	<b>1,235 (13.9)</b>	<b>25.8 (0.46)</b>	<b>22.6 (0.44)</b>	<b>21.0 (0.42)</b>	<b>329 (7.7)</b>	
Less than high school completion .....	49.3 (0.86)	47.4 (0.81)	48.5 (0.81)	335 (8.0)	32.0 (0.73)	32.9 (0.77)	33.2 (0.73)	230 (6.5)	35.0 (1.06)	30.6 (0.98)	31.4 (1.08)	105 (4.4)	
High school completion* .....	70.6 (0.53)	71.4 (0.46)	71.9 (0.50)	1,007 (13.3)	53.4 (0.58)	55.9 (0.56)	58.3 (0.56)	817 (11.2)	24.5 (0.54)	21.7 (0.60)	18.9 (0.53)	191 (6.2)	
At least some college .....	74.3 (1.00)	73.4 (1.19)	76.4 (1.04)	221 (6.7)	61.0 (1.11)	62.3 (1.22)	65.0 (1.17)	188 (5.7)	17.8 (1.15)	15.1 (0.94)	14.9 (1.00)	33 (2.6)	
<b>Male, all education levels</b> .....	<b>66.9 (0.48)</b>	<b>66.6 (0.56)</b>	<b>66.5 (0.50)</b>	<b>895 (10.8)</b>	<b>49.4 (0.52)</b>	<b>51.3 (0.61)</b>	<b>52.4 (0.54)</b>	<b>705 (9.7)</b>	<b>26.1 (0.56)</b>	<b>23.0 (0.56)</b>	<b>21.2 (0.52)</b>	<b>190 (5.3)</b>	
Less than high school completion .....	51.5 (1.11)	50.4 (1.05)	49.9 (0.99)	203 (6.0)	34.0 (0.90)	35.2 (0.93)	34.8 (0.98)	141 (5.0)	33.9 (1.24)	30.1 (1.24)	30.2 (1.45)	61 (3.5)	
High school completion* .....	73.1 (0.64)	73.3 (0.69)	73.2 (0.66)	581 (9.4)	55.1 (0.71)	57.4 (0.77)	59.2 (0.75)	470 (8.4)	24.6 (0.68)	21.7 (0.70)	19.1 (0.67)	111 (4.3)	
At least some college .....	75.4 (1.51)	73.9 (1.67)	76.1 (1.54)	112 (4.3)	61.2 (1.70)	61.5 (1.93)	63.8 (1.67)	94 (3.9)	18.8 (1.61)	16.7 (1.66)	16.1 (1.56)	18 (1.9)	
<b>Female, all education levels</b> .....	<b>62.7 (0.62)</b>	<b>62.5 (0.52)</b>	<b>64.6 (0.65)</b>	<b>669 (11.2)</b>	<b>46.7 (0.69)</b>	<b>48.7 (0.58)</b>	<b>51.2 (0.66)</b>	<b>530 (10.1)</b>	<b>25.5 (0.78)</b>	<b>22.1 (0.64)</b>	<b>20.8 (0.69)</b>	<b>139 (5.1)</b>	
Less than high school completion .....	46.0 (1.31)	43.2 (1.23)	46.5 (1.37)	133 (5.0)	29.0 (1.11)	29.7 (1.19)	31.0 (1.16)	89 (3.9)	36.8 (1.86)	31.4 (1.42)	33.3 (1.74)	44 (2.9)	
High school completion* .....	67.6 (0.85)	69.0 (0.70)	70.2 (0.83)	426 (7.9)	51.2 (0.95)	54.0 (0.81)	57.1 (0.93)	347 (7.6)	24.3 (0.93)	21.7 (0.83)	18.7 (0.86)	80 (3.9)	
At least some college .....	73.2 (1.36)	72.9 (1.62)	76.7 (1.49)	110 (4.5)	60.8 (1.39)	63.1 (1.61)	66.2 (1.67)	95 (3.9)	16.9 (1.56)	13.5 (1.20)	13.6 (1.30)	15 (1.6)	
<b>White, all education levels</b> .....	<b>69.2 (0.56)</b>	<b>68.7 (0.60)</b>	<b>68.3 (0.58)</b>	<b>788 (11.3)</b>	<b>53.8 (0.56)</b>	<b>55.4 (0.72)</b>	<b>55.7 (0.59)</b>	<b>642 (9.9)</b>	<b>22.2 (0.48)</b>	<b>19.3 (0.58)</b>	<b>18.6 (0.51)</b>	<b>146 (4.6)</b>	
Less than high school completion .....	50.9 (1.14)	49.9 (1.11)	49.6 (1.17)	163 (5.1)	34.6 (1.00)	36.8 (1.03)	34.6 (0.97)	114 (4.1)	32.1 (1.47)	26.3 (1.09)	30.2 (1.23)	49 (2.5)	
High school completion* .....	75.3 (0.68)	75.0 (0.67)	74.9 (0.75)	512 (10.0)	59.3 (0.80)	61.1 (0.78)	62.8 (0.76)	429 (8.4)	21.2 (0.68)	18.5 (0.70)	16.2 (0.61)	83 (3.8)	
At least some college .....	76.6 (1.46)	77.7 (1.58)	80.3 (1.19)	113 (3.6)	65.7 (1.50)	67.5 (1.67)	70.3 (1.52)	99 (3.7)	14.3 (1.16)	13.1 (1.28)	12.5 (1.24)	14 (1.4)	
<b>Black, all education levels</b> .....	<b>57.5 (1.15)</b>	<b>57.3 (1.05)</b>	<b>60.4 (0.97)</b>	<b>238 (7.5)</b>	<b>34.9 (0.96)</b>	<b>38.0 (1.12)</b>	<b>41.0 (1.11)</b>	<b>162 (5.9)</b>	<b>39.4 (1.43)</b>	<b>33.6 (1.50)</b>	<b>32.2 (1.59)</b>	<b>77 (4.8)</b>	
Less than high school completion .....	35.9 (2.13)	38.5 (2.10)	43.3 (1.95)	46 (3.2)	17.6 (1.81)	18.5 (1.88)	22.2 (1.60)	24 (2.1)	50.9 (3.68)	51.8 (3.66)	48.7 (3.61)	23 (2.5)	
High school completion* .....	65.1 (1.36)	64.4 (1.36)	65.2 (1.34)	155 (6.2)	40.4 (1.35)	44.2 (1.45)	46.0 (1.64)	109 (5.1)	37.9 (1.77)	31.4 (1.78)	29.4 (1.95)	46 (3.7)	
At least some college .....	69.8 (2.87)	65.4 (3.04)	74.3 (3.04)	37 (2.9)	47.6 (3.87)	51.6 (2.96)	57.4 (3.67)	28 (2.7)	31.8 (4.54)	21.2 (2.79)	22.8 (3.16)	8 (1.2)	
<b>Hispanic, all education levels</b> .....	<b>62.8 (0.82)</b>	<b>64.1 (0.93)</b>	<b>64.4 (0.77)</b>	<b>422 (9.7)</b>	<b>47.6 (0.87)</b>	<b>50.0 (0.89)</b>	<b>52.1 (0.81)</b>	<b>341 (8.7)</b>	<b>24.3 (0.86)</b>	<b>22.0 (0.86)</b>	<b>19.1 (0.81)</b>	<b>81 (3.8)</b>	
Less than high school completion .....	53.4 (1.57)	49.9 (1.66)	50.6 (1.47)	105 (5.0)	36.4 (1.52)	36.4 (1.56)	38.1 (1.50)	79 (4.4)	31.8 (1.90)	27.1 (1.97)	24.7 (2.03)	26 (2.4)	
High school completion* .....	66.9 (1.10)	70.7 (1.11)	70.7 (0.91)	267 (6.6)	51.9 (1.14)	55.5 (1.13)	58.1 (0.93)	219 (5.5)	22.4 (0.99)	21.5 (1.13)	17.9 (0.99)	48 (3.1)	
At least some college .....	71.8 (2.49)	71.6 (2.62)	70.8 (2.12)	50 (3.8)	60.9 (2.58)	61.6 (2.81)	60.8 (2.16)	43 (3.2)	15.2 (1.89)	13.9 (2.15)	14.1 (1.90)	7 (1.2)	
<b>Asian, all education levels</b> .....	<b>54.3 (3.21)</b>	<b>59.4 (2.88)</b>	<b>58.6 (3.14)</b>	<b>26 (2.0)</b>	<b>40.7 (3.11)</b>	<b>47.6 (3.07)</b>	<b>50.1 (3.25)</b>	<b>22 (2.0)</b>	<b>25.1 (3.45)</b>	<b>19.9 (3.14)</b>	<b>14.5 (3.17)</b>	<b>4 (0.8)</b>	
Less than high school completion .....	34.4 (4.91)	43.7 (5.35)	40.7 (5.06)	4 (0.8)	24.1 (4.95)	29.2 (3.96)	33.3 (5.41)	4 (0.7)	29.7 (8.25)	33.3 (7.37)	18.3 (6.73)	± (†)	
High school completion* .....	60.2 (4.60)	67.0 (3.90)	64.0 (3.71)	16 (1.6)	45.3 (4.41)	55.4 (4.37)	56.6 (3.99)	14 (1.6)	24.8 (4.55)	17.2 (3.66)	11.6 (3.44)	± (†)	
At least some college .....	64.2 (6.71)	55.9 (6.56)	66.0 (6.86)	5 (0.8)	49.6 (7.32)	47.6 (7.29)	52.7 (7.22)	4 (0.7)	22.7 (7.26)	14.8 (6.61)	20.2 (7.51)	± (†)	
<b>American Indian/Alaska Native, all education levels</b> .....	<b>54.3 (3.43)</b>	<b>49.0 (2.55)</b>	<b>53.6 (3.72)</b>	<b>16 (1.6)</b>	<b>37.4 (3.56)</b>	<b>30.1 (2.28)</b>	<b>39.0 (3.40)</b>	<b>12 (1.3)</b>	<b>31.2 (4.61)</b>	<b>38.5 (3.73)</b>	<b>27.3 (3.59)</b>	<b>4 (0.7)</b>	
Less than high school completion .....	41.9 (4.97)	35.5 (5.16)	30.8 (4.76)	3 (0.5)	25.3 (5.26)	15.4 (3.52)	18.0 (3.61)	± (†)	39.5 (9.25)	56.5 (9.24)	41.6 (8.34)	± (†)	
High school completion* .....	55.1 (4.80)	57.4 (4.05)	65.4 (3.83)	11 (1.3)	37.5 (4.77)	38.1 (3.69)	49.0 (4.27)	8 (1.1)	31.9 (6.20)	33.7 (4.80)	25.0 (4.55)	3 (0.6)	
At least some college .....	79.1 (6.33)	54.3 (9.80)	57.7 (7.60)	2 (0.5)	63.3 (8.90)	42.6 (9.83)	45.8 (7.86)	± (†)	20.0 (9.31)	± (†)	20.5 (9.95)	± (†)	
<b>20 to 24 years old</b>													
<b>All persons, all education levels</b> .....	<b>80.7 (0.15)</b>	<b>81.5 (0.15)</b>	<b>82.2 (0.16)</b>	<b>10,483 (36.1)</b>	<b>69.5 (0.19)</b>	<b>71.6 (0.19)</b>	<b>72.9 (0.18)</b>	<b>9,302 (37.6)</b>	<b>13.9 (0.17)</b>	<b>12.2 (0.15)</b>	<b>11.3 (0.14)</b>	<b>1,181 (14.0)</b>	
Less than high school completion .....	63.5 (0.48)	64.2 (0.48)	64.4 (0.55)	1,020 (16.5)	48.4 (0.51)	50.5 (0.52)	50.7 (0.57)	802 (14.3)	23.9 (0.55)	21.4 (0.49)	21.4 (0.56)	218 (6.7)	
High school completion* .....	77.9 (0.19)	78.8 (0.27)	79.9 (0.27)	4,331 (26.9)	64.7 (0.25)	67.4 (0.31)	69.1 (0.31)	3,748 (26.0)	17.0 (0.27)	14.5 (0.26)	13.5 (0.25)	583 (11.1)	
Some college, no degree .....	85.4 (0.26)	86.0 (0.25)	86.2 (0.29)	2,677 (22.7)	75.6 (0.35)	77.2 (0.31)	78.6 (0.35)	2,441 (22.6)	11.5 (0.29)	10.3 (0.29)	8.8 (0.24)	236 (6.3)	
Associate's degree .....	90.8 (0.46)	91.6 (0.40)	90.9 (0.57)	581 (10.7)	84.5 (0.60)	85.7 (0.56)	85.8 (0.65)	548 (10.6)	6.9 (0.39)	6.4 (0.48)	5.6 (0.43)	32 (2.5)	
Bachelor's or higher degree .....	93.3 (0.27)	93.4 (0.23)	93.5 (0.24)	1,873 (17.6)	87.3 (0.34)	87.9 (0.32)	88.0 (0.32)	1,763 (17.5)	6.4 (0.25)	6.0 (0.24)	5.9 (0.21)	110 (3.9)	

See notes at end of table.

**Table 501.20. Labor force participation, employment, and unemployment of persons 16 to 24 years old who are not enrolled in school, by age group, sex, race/ethnicity, and educational attainment: 2014, 2015, and 2016—Continued**

[Standard errors appear in parentheses]

Age group, sex, race/ethnicity, and educational attainment	Labor force participation				Employment				Unemployment			
	Labor force participation rate <sup>1</sup>			Number of participants (in thousands)	Employment to population ratio <sup>2</sup>			Number employed (in thousands)	Unemployment rate <sup>3</sup>			Number unemployed (in thousands)
	2014	2015	2016		2014	2015	2016		2014	2015	2016	
	2	3	4	5	6	7	8	9	10	11	12	13
<b>Male, all education levels</b> .....	<b>83.0 (0.22)</b>	<b>83.5 (0.21)</b>	<b>83.7 (0.18)</b>	<b>5,744 (24.5)</b>	<b>71.0 (0.26)</b>	<b>72.7 (0.27)</b>	<b>73.8 (0.24)</b>	<b>5,065 (25.2)</b>	<b>14.4 (0.21)</b>	<b>12.9 (0.21)</b>	<b>11.8 (0.20)</b>	<b>679 (11.9)</b>
Less than high school completion .....	68.4 (0.59)	68.5 (0.55)	68.2 (0.66)	663 (13.1)	53.7 (0.65)	54.6 (0.59)	54.8 (0.69)	532 (10.9)	21.5 (0.68)	20.3 (0.53)	19.8 (0.64)	131 (5.2)
High school completion <sup>4</sup> .....	81.3 (0.29)	81.9 (0.27)	82.6 (0.31)	2,621 (21.0)	67.5 (0.33)	70.0 (0.39)	71.6 (0.38)	2,272 (20.0)	17.1 (0.32)	14.6 (0.37)	13.3 (0.31)	349 (8.6)
Some college, no degree .....	88.1 (0.36)	88.6 (0.35)	87.9 (0.34)	1,396 (15.1)	78.0 (0.48)	79.1 (0.44)	79.8 (0.44)	1,268 (15.0)	11.5 (0.37)	10.8 (0.37)	9.2 (0.31)	129 (4.4)
Associate's degree .....	92.1 (0.74)	94.1 (0.47)	93.7 (0.58)	270 (7.5)	85.9 (0.95)	87.4 (0.86)	88.2 (0.85)	254 (7.5)	6.8 (0.56)	7.2 (0.80)	5.9 (0.63)	16 (1.7)
Bachelor's or higher degree .....	94.9 (0.31)	94.5 (0.34)	94.1 (0.36)	794 (12.5)	88.0 (0.42)	88.0 (0.50)	87.7 (0.47)	739 (12.2)	7.2 (0.38)	6.9 (0.42)	6.9 (0.35)	55 (2.9)
<b>Female, all education levels</b> .....	<b>78.1 (0.20)</b>	<b>79.1 (0.21)</b>	<b>80.5 (0.23)</b>	<b>4,739 (25.5)</b>	<b>67.8 (0.27)</b>	<b>70.3 (0.28)</b>	<b>71.9 (0.24)</b>	<b>4,237 (23.7)</b>	<b>13.3 (0.26)</b>	<b>11.2 (0.23)</b>	<b>10.6 (0.19)</b>	<b>501 (9.9)</b>
Less than high school completion .....	56.4 (0.72)	57.6 (0.87)	58.4 (0.93)	357 (9.7)	40.6 (0.70)	44.2 (0.92)	44.1 (0.95)	270 (8.2)	28.1 (0.95)	23.2 (0.93)	24.4 (1.04)	87 (4.4)
High school completion <sup>4</sup> .....	73.1 (0.37)	74.3 (0.41)	76.1 (0.40)	1,710 (17.6)	60.7 (0.48)	63.7 (0.42)	65.6 (0.44)	1,476 (16.9)	16.9 (0.48)	14.3 (0.37)	13.7 (0.41)	234 (7.2)
Some college, no degree .....	82.7 (0.39)	83.2 (0.36)	84.4 (0.42)	1,281 (16.3)	73.2 (0.51)	75.2 (0.46)	77.3 (0.52)	1,173 (16.3)	11.5 (0.43)	9.6 (0.41)	8.4 (0.36)	108 (4.6)
Associate's degree .....	89.7 (0.66)	89.4 (0.67)	88.6 (0.81)	311 (7.3)	83.4 (0.80)	84.2 (0.78)	83.9 (0.93)	294 (7.2)	7.0 (0.54)	5.7 (0.56)	5.3 (0.59)	17 (1.9)
Bachelor's or higher degree .....	92.2 (0.41)	92.7 (0.29)	93.0 (0.32)	1,080 (13.4)	86.8 (0.49)	87.7 (0.40)	88.2 (0.41)	1,024 (13.4)	5.9 (0.32)	5.4 (0.29)	5.2 (0.26)	56 (2.8)
<b>White, all education levels</b> .....	<b>83.8 (0.18)</b>	<b>84.4 (0.17)</b>	<b>84.8 (0.20)</b>	<b>5,749 (26.7)</b>	<b>74.4 (0.22)</b>	<b>76.1 (0.21)</b>	<b>77.1 (0.25)</b>	<b>5,227 (27.9)</b>	<b>11.3 (0.20)</b>	<b>9.9 (0.18)</b>	<b>9.1 (0.18)</b>	<b>522 (10.2)</b>
Less than high school completion .....	63.9 (0.78)	64.6 (0.79)	65.6 (0.81)	407 (9.0)	49.3 (0.85)	50.8 (0.82)	51.1 (0.96)	317 (8.3)	22.8 (0.86)	21.3 (0.76)	22.1 (1.07)	90 (4.8)
High school completion <sup>4</sup> .....	80.1 (0.27)	80.7 (0.32)	81.3 (0.36)	2,235 (19.3)	68.3 (0.34)	70.5 (0.36)	72.1 (0.40)	1,983 (17.6)	14.7 (0.33)	12.6 (0.29)	11.3 (0.30)	252 (7.3)
Some college, no degree .....	86.5 (0.35)	87.6 (0.33)	87.3 (0.35)	1,412 (15.6)	78.2 (0.39)	80.7 (0.38)	81.3 (0.41)	1,315 (14.8)	9.6 (0.32)	7.9 (0.29)	6.9 (0.27)	97 (4.0)
Associate's degree .....	91.8 (0.59)	93.0 (0.38)	93.0 (0.61)	375 (9.3)	86.6 (0.71)	88.3 (0.64)	88.4 (0.84)	357 (9.2)	5.7 (0.46)	5.1 (0.53)	5.0 (0.56)	19 (2.1)
Bachelor's or higher degree .....	95.1 (0.24)	95.1 (0.24)	95.0 (0.29)	1,319 (15.2)	90.0 (0.35)	90.4 (0.32)	90.4 (0.37)	1,255 (15.5)	5.4 (0.28)	5.0 (0.23)	4.9 (0.20)	64 (2.5)
<b>Black, all education levels</b> .....	<b>74.5 (0.44)</b>	<b>75.8 (0.46)</b>	<b>77.1 (0.48)</b>	<b>1,547 (17.4)</b>	<b>56.0 (0.50)</b>	<b>60.1 (0.57)</b>	<b>62.9 (0.51)</b>	<b>1,261 (16.4)</b>	<b>24.8 (0.51)</b>	<b>20.8 (0.54)</b>	<b>18.5 (0.45)</b>	<b>286 (7.5)</b>
Less than high school completion .....	52.9 (1.05)	52.6 (1.35)	53.5 (1.43)	154 (6.5)	29.1 (0.91)	32.4 (1.28)	35.0 (1.45)	101 (5.4)	45.0 (1.47)	38.4 (1.87)	34.6 (1.82)	53 (3.3)
High school completion <sup>4</sup> .....	72.6 (0.69)	73.7 (0.68)	76.1 (0.74)	710 (13.7)	52.0 (0.80)	56.7 (0.79)	60.0 (0.91)	560 (13.0)	28.3 (0.78)	23.1 (0.77)	21.1 (0.78)	150 (5.7)
Some college, no degree .....	84.2 (0.78)	85.0 (0.71)	85.9 (0.76)	474 (10.1)	69.4 (0.93)	71.5 (1.03)	74.3 (0.98)	410 (10.0)	17.7 (0.77)	15.9 (0.90)	13.5 (0.83)	64 (4.0)
Associate's degree .....	88.4 (1.83)	92.0 (1.29)	84.1 (2.28)	58 (3.9)	76.8 (2.44)	82.6 (2.02)	76.1 (2.48)	52 (3.7)	13.2 (2.27)	10.2 (1.59)	9.5 (1.90)	6 (1.1)
Bachelor's or higher degree .....	92.1 (1.08)	93.5 (1.01)	92.1 (1.05)	151 (5.9)	81.3 (1.40)	82.8 (1.55)	83.8 (1.25)	137 (5.7)	11.7 (1.10)	11.4 (1.30)	9.0 (1.01)	14 (1.6)
<b>Hispanic, all education levels</b> .....	<b>79.1 (0.33)</b>	<b>79.4 (0.35)</b>	<b>80.6 (0.34)</b>	<b>2,446 (15.2)</b>	<b>68.8 (0.42)</b>	<b>70.1 (0.38)</b>	<b>71.3 (0.39)</b>	<b>2,163 (16.1)</b>	<b>13.0 (0.36)</b>	<b>11.7 (0.29)</b>	<b>11.6 (0.31)</b>	<b>283 (7.6)</b>
Less than high school completion .....	69.5 (0.77)	69.7 (0.75)	69.3 (0.85)	400 (10.7)	58.2 (0.85)	59.5 (0.94)	58.5 (0.94)	338 (9.3)	16.2 (0.83)	14.7 (0.77)	15.5 (0.83)	62 (3.9)
High school completion <sup>4</sup> .....	78.4 (0.41)	78.9 (0.51)	80.6 (0.46)	1,133 (13.0)	67.3 (0.52)	69.0 (0.52)	70.5 (0.56)	991 (12.5)	14.1 (0.50)	12.5 (0.43)	12.6 (0.46)	142 (5.4)
Some college, no degree .....	84.9 (0.72)	84.1 (0.59)	85.1 (0.51)	605 (10.2)	75.8 (0.91)	75.7 (0.68)	77.2 (0.66)	549 (10.3)	10.7 (0.64)	10.1 (0.55)	9.3 (0.59)	56 (3.6)
Associate's degree .....	88.9 (1.22)	88.7 (1.36)	90.1 (1.09)	112 (4.7)	82.1 (1.34)	82.0 (1.60)	84.9 (1.28)	106 (4.5)	7.6 (1.25)	7.5 (1.03)	5.8 (1.01)	6 (1.2)
Bachelor's or higher degree .....	92.3 (0.85)	91.5 (0.81)	91.1 (0.93)	195 (6.1)	84.9 (1.16)	84.9 (1.04)	83.7 (1.15)	179 (5.7)	8.0 (0.80)	7.2 (0.83)	8.1 (0.89)	16 (1.8)
<b>Asian, all education levels</b> .....	<b>78.6 (0.86)</b>	<b>78.8 (0.83)</b>	<b>80.1 (0.91)</b>	<b>314 (7.7)</b>	<b>70.6 (1.00)</b>	<b>71.1 (0.95)</b>	<b>72.4 (1.05)</b>	<b>284 (7.6)</b>	<b>10.2 (0.74)</b>	<b>9.8 (0.69)</b>	<b>9.6 (0.59)</b>	<b>30 (1.8)</b>
Less than high school completion .....	61.9 (3.49)	69.0 (3.34)	67.9 (2.88)	20 (2.0)	49.6 (3.14)	56.5 (3.60)	58.9 (2.98)	17 (1.8)	19.9 (3.10)	18.0 (3.45)	13.2 (2.70)	± (†)
High school completion <sup>4</sup> .....	71.7 (1.96)	74.9 (2.14)	76.1 (1.92)	77 (4.1)	64.0 (2.22)	66.5 (2.37)	69.3 (1.99)	70 (3.9)	10.7 (1.48)	11.2 (1.70)	8.9 (1.22)	7 (1.0)
Some college, no degree .....	82.9 (1.77)	78.8 (1.79)	77.5 (2.04)	56 (3.6)	72.7 (2.23)	70.7 (2.10)	68.4 (2.30)	49 (3.3)	12.3 (1.68)	10.3 (1.66)	11.7 (1.64)	7 (1.0)
Associate's degree .....	87.3 (2.87)	74.4 (4.19)	77.0 (4.25)	14 (1.4)	82.2 (3.39)	69.7 (4.09)	69.4 (4.32)	13 (1.3)	5.9! (2.06)	6.4! (2.09)	9.8! (3.10)	± (†)
Bachelor's or higher degree .....	83.2 (1.06)	83.5 (1.24)	86.0 (1.21)	147 (4.9)	76.7 (1.14)	76.9 (1.41)	78.4 (1.30)	134 (4.7)	7.8 (0.80)	7.9 (0.81)	8.8 (0.85)	13 (1.3)
<b>American Indian/Alaska Native, all education levels</b> .....	<b>67.1 (1.53)</b>	<b>69.7 (1.54)</b>	<b>70.0 (1.34)</b>	<b>90 (3.3)</b>	<b>51.2 (1.75)</b>	<b>53.2 (1.89)</b>	<b>53.5 (1.57)</b>	<b>69 (3.3)</b>	<b>23.6 (1.76)</b>	<b>23.6 (2.08)</b>	<b>23.5 (1.70)</b>	<b>21 (1.5)</b>
Less than high school completion .....	56.2 (2.98)	53.6 (3.78)	55.2 (3.79)	13 (1.5)	34.3 (2.93)	37.4 (3.59)	32.3 (3.86)	8 (1.2)	38.9 (4.09)	30.3 (4.70)	41.6 (5.16)	5 (0.8)
High school completion <sup>4</sup> .....	65.0 (2.15)	70.0 (2.16)	67.8 (2.10)	43 (2.4)	50.2 (2.22)	51.9 (3.00)	49.7 (2.24)	31 (2.1)	22.8 (2.31)	25.9 (3.24)	26.6 (2.42)	11 (1.2)
Some college, no degree .....	75.4 (3.02)	77.2 (2.84)	80.7 (3.00)	27 (2.1)	60.2 (3.41)	60.4 (3.60)	69.7 (3.43)	23 (2.1)	20.2 (3.27)	21.7 (3.69)	13.6 (2.55)	4 (0.7)
Associate's degree .....	85.7 (6.60)	90.1 (4.91)	82.9 (6.08)	4 (0.9)	75.2 (8.81)	75.7 (9.47)	82.9 (6.08)	4 (0.9)	± (†)	± (†)	± (†)	± (†)
Bachelor's or higher degree .....	87.6 (6.14)	92.8 (4.21)	93.4 (4.37)	3 (0.6)	83.8 (6.73)	88.6 (5.07)	75.8 (8.72)	± (†)	± (†)	± (†)	18.8! (8.63)	± (†)

†Not applicable.

!Interpret data with caution. The coefficient of variation (CV) for this estimate is between 30 and 50 percent.

±Reporting standards not met. Either there are too few cases for a reliable estimate or the coefficient of variation (CV) is 50 percent or greater.

<sup>1</sup>Percentage of the civilian population who are employed or seeking employment.

<sup>2</sup>Number of persons employed as a percentage of the civilian population.

<sup>3</sup>The percentage of persons in the civilian labor force who are not working and who made specific efforts to find employment sometime during the prior 4 weeks.

<sup>4</sup>Includes equivalency credentials, such as the GED credential.

NOTE: Table excludes persons enrolled in school. Estimates are for all nonenrolled civilians in the given age range, including persons living in households and persons living in group quarters (e.g., residential treatment centers or correctional facilities). Race categories exclude persons of Hispanic ethnicity. Totals include racial/ethnic groups not separately shown. Standard errors were computed using replicate weights. Detail may not sum to totals because of rounding.

SOURCE: U.S. Department of Commerce, Census Bureau, American Community Survey (ACS), 2014, 2015, and 2016, unpublished tabulations. (This table was prepared January 2018.)

**Table 501.30. Number and percentage of persons 16 to 24 years old who were neither enrolled in school nor working, by educational attainment, age group, sex, family poverty status, and race/ethnicity: 2000, 2010, and 2017**  
[Standard errors appear in parentheses]

Age group, sex, family poverty status, and race/ethnicity	Total (in thousands)	Neither enrolled in school nor working											
		Number (in thousands)	Percentage distribution	Percent, by educational attainment									
				Total	Less than high school completion	High school completion <sup>1</sup>	Some college, no bachelor's degree <sup>2</sup>	Bachelor's or higher degree					
1	2	3	4	5	6	7	8	9					
<b>2000</b>													
<b>16 and 17 years old, all persons</b>	<b>8,076 (151.4)</b>	<b>304 (30.1)</b>	<b>100.0 (†)</b>	<b>3.8 (0.37)</b>	<b>3.4 (0.35)</b>	<b>24.0 (6.55)</b>	<b>‡ (†)</b>	<b>‡ (†)</b>	<b>‡ (†)</b>	<b>‡ (†)</b>	<b>‡ (†)</b>	<b>‡ (†)</b>	<b>‡ (†)</b>
Sex													
Male	4,202 (110.6)	124 (19.3)	41.0 (4.87)	3.0 (0.45)	2.7 (0.43)	22.4 ! (8.84)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)
Female	3,874 (106.3)	179 (23.1)	59.0 (4.87)	4.6 (0.58)	4.3 (0.57)	25.8 ! (9.73)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)
Race/ethnicity													
White	5,245 (123.1)	144 (20.7)	47.4 (4.95)	2.7 (0.39)	2.3 (0.36)	25.9 ! (7.99)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)
Black	1,195 (59.8)	‡ (†)	15.7 (3.70)	4.0 (1.00)	3.8 (0.99)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)
Hispanic	1,131 (64.4)	89 (18.6)	29.4 (5.16)	7.9 (1.58)	7.7 (1.57)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)
Asian <sup>3</sup>	396 (34.4)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)
Pacific Islander	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)
American Indian/Alaska Native	108 (18.0)	‡ (†)	4.6 ! (2.07)	12.8 ! (5.54)	12.8 ! (5.54)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)
Two or more races	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)
Family poverty status													
Poor <sup>4</sup>	1,233 (60.4)	98 (17.1)	32.1 (4.63)	7.9 (1.33)	7.3 (1.30)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)
Nonpoor <sup>4</sup>	6,843 (139.9)	206 (24.8)	67.9 (4.63)	3.0 (0.36)	2.7 (0.34)	20.4 ! (7.05)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)
<b>18 and 19 years old, all persons</b>	<b>8,070 (151.4)</b>	<b>906 (51.9)</b>	<b>100.0 (†)</b>	<b>11.2 (0.61)</b>	<b>12.3 (0.95)</b>	<b>18.1 (1.40)</b>	<b>2.5 (0.57)</b>	<b>‡ (†)</b>	<b>‡ (†)</b>	<b>‡ (†)</b>	<b>‡ (†)</b>	<b>‡ (†)</b>	<b>‡ (†)</b>
Sex													
Male	4,065 (108.8)	401 (34.6)	44.3 (2.85)	9.9 (0.81)	9.7 (1.16)	16.4 (1.90)	2.6 ! (0.88)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)
Female	4,005 (108.0)	505 (38.8)	55.7 (2.85)	12.6 (0.91)	15.4 (1.56)	19.9 (2.04)	2.4 ! (0.75)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)
Race/ethnicity													
White	5,256 (123.3)	398 (34.4)	44.0 (2.85)	7.6 (0.63)	7.9 (1.01)	13.0 (1.49)	2.0 ! (0.61)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)
Black	1,166 (59.1)	241 (27.3)	26.5 (2.60)	20.6 (2.10)	17.1 (2.75)	35.5 (4.46)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)
Hispanic	1,202 (66.2)	223 (29.3)	24.6 (2.82)	18.5 (2.21)	22.8 (3.18)	21.1 (4.86)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)
Asian <sup>3</sup>	372 (33.3)	‡ (†)	2.7 ! (0.93)	6.6 ! (2.23)	‡ (†)	18.2 ! (7.56)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)
Pacific Islander	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)
American Indian/Alaska Native	75 (15.0)	‡ (†)	2.2 ! (0.84)	26.7 ! (8.82)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)
Two or more races	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)
Family poverty status													
Poor <sup>4</sup>	1,401 (64.4)	330 (31.3)	36.4 (2.76)	23.6 (1.96)	26.1 (2.85)	32.6 (4.02)	4.4 ! (2.10)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)
Nonpoor <sup>4</sup>	6,670 (138.2)	576 (41.4)	63.6 (2.76)	8.6 (0.59)	8.9 (0.92)	15.0 (1.43)	2.2 (0.57)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)
<b>20 to 24 years old, all persons</b>	<b>18,319 (220.5)</b>	<b>2,770 (90.2)</b>	<b>100.0 (†)</b>	<b>15.1 (0.46)</b>	<b>35.9 (1.60)</b>	<b>21.2 (0.94)</b>	<b>5.3 (0.44)</b>	<b>9.2 (1.11)</b>	<b>‡ (†)</b>				
Sex													
Male	9,099 (160.2)	1,015 (54.9)	36.7 (1.58)	11.2 (0.57)	25.5 (1.94)	15.6 (1.16)	2.8 (0.46)	8.2 (1.69)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)
Female	9,220 (161.2)	1,755 (72.0)	63.3 (1.58)	19.0 (0.71)	49.3 (2.53)	27.0 (1.46)	7.7 (0.72)	9.7 (1.46)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)
Race/ethnicity													
White	11,960 (182.0)	1,327 (62.7)	47.9 (1.64)	11.1 (0.50)	32.4 (2.54)	17.0 (1.07)	4.4 (0.47)	8.0 (1.18)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)
Black	2,680 (86.7)	681 (45.6)	24.6 (1.45)	25.4 (1.49)	47.0 (3.86)	35.4 (2.75)	7.4 (1.44)	12.7 ! (4.53)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)
Hispanic	2,739 (95.5)	644 (49.2)	23.3 (1.58)	23.5 (1.60)	34.6 (2.92)	22.6 (2.77)	10.7 (2.26)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)
Asian <sup>3</sup>	786 (48.3)	88 (16.2)	3.2 (0.57)	11.1 (1.94)	‡ (†)	25.3 (6.32)	‡ (†)	16.9 (4.82)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)
Pacific Islander	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)
American Indian/Alaska Native	154 (21.4)	‡ (†)	1.1 ! (0.34)	19.8 (5.55)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)
Two or more races	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)
Family poverty status													
Poor <sup>4</sup>	3,190 (96.6)	1,004 (54.6)	100.0 (†)	31.5 (1.42)	47.6 (2.82)	41.3 (2.64)	8.5 (1.51)	21.9 (5.06)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)
White	1,581 (68.4)	383 (33.8)	38.1 (2.65)	24.2 (1.86)	43.5 (5.10)	36.9 (3.57)	5.3 (1.54)	20.7 ! (6.26)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)
Black	793 (49.1)	311 (31.1)	31.0 (2.59)	39.3 (3.07)	49.0 (5.26)	46.4 (5.13)	15.4 ! (4.63)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)
Hispanic	611 (48.0)	269 (32.1)	26.8 (2.76)	44.0 (3.96)	51.7 (5.37)	46.2 (7.76)	17.0 ! (7.40)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)
Asian <sup>3</sup>	162 (22.0)	‡ (†)	2.6 ! (0.86)	16.0 ! (4.98)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)
Pacific Islander	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)
American Indian/Alaska Native	42 (11.2)	‡ (†)	1.5 ! (0.66)	35.2 ! (12.75)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)
Two or more races	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)
Nonpoor <sup>4</sup>	15,129 (202.6)	1,767 (72.2)	100.0 (†)	11.7 (0.45)	29.6 (1.89)	16.7 (0.94)	4.9 (0.45)	7.8 (1.08)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)
White	10,379 (170.4)	944 (52.9)	53.4 (2.05)	9.1 (0.49)	28.2 (2.87)	13.5 (1.06)	4.3 (0.49)	6.9 (1.14)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)
Black	1,887 (74.0)	369 (33.8)	20.9 (1.71)	19.6 (1.62)	44.6 (5.66)	30.4 (3.18)	5.5 (1.40)	10.8 ! (4.53)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)
Hispanic	2,128 (85.8)	376 (37.9)	21.3 (1.92)	17.7 (1.63)	26.4 (3.29)	17.3 (2.77)	9.7 (2.33)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)
Asian <sup>3</sup>	624 (43.1)	‡ (†)	3.5 (0.75)	9.9 (2.06)	‡ (†)	20.3 ! (6.30)	‡ (†)	15.3 ! (5.22)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)
Pacific Islander	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)
American Indian/Alaska Native	112 (18.3)	‡ (†)	0.9 ! (0.39)	14.0 ! (5.67)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)
Two or more races	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)

See notes at end of table.

**Table 501.30. Number and percentage of persons 16 to 24 years old who were neither enrolled in school nor working, by educational attainment, age group, sex, family poverty status, and race/ethnicity: 2000, 2010, and 2017—Continued**  
 [Standard errors appear in parentheses]

Age group, sex, family poverty status, and race/ethnicity	Total (in thousands)	Neither enrolled in school nor working											
		Number (in thousands)	Percentage distribution	Percent, by educational attainment									
				Total	Less than high school completion	High school completion <sup>1</sup>	Some college, no bachelor's degree <sup>2</sup>	Bachelor's or higher degree					
1	2	3	4	5	6	7	8	9					
<b>2010</b>													
<b>16 and 17 years old, all persons</b>	<b>8,853 (84.8)</b>	<b>295 (21.5)</b>	<b>100.0 (†)</b>	<b>3.3 (0.24)</b>	<b>2.9 (0.23)</b>	<b>20.5 (4.09)</b>	<b>8.2 ! (3.50)</b>	<b>† (†)</b>	<b>† (†)</b>				
Sex													
Male	4,491 (56.9)	151 (16.4)	51.0 (3.69)	3.4 (0.36)	3.0 (0.34)	21.3 (5.50)	† (†)	† (†)	† (†)				
Female	4,362 (63.3)	145 (14.3)	49.0 (3.69)	3.3 (0.33)	2.9 (0.31)	19.4 ! (6.08)	11.6 ! (5.31)	† (†)	† (†)				
Race/ethnicity													
White	5,176 (60.2)	132 (14.0)	44.7 (3.77)	2.5 (0.27)	2.1 (0.24)	19.3 (5.60)	12.0 ! (4.93)	† (†)	† (†)				
Black	1,388 (35.0)	51 (8.8)	17.2 (2.69)	3.7 (0.63)	3.7 (0.64)	† (†)	† (†)	† (†)	† (†)				
Hispanic	1,640 (36.9)	87 (12.2)	29.4 (3.30)	5.3 (0.71)	4.7 (0.69)	30.4 (9.05)	† (†)	† (†)	† (†)				
Asian	350 (20.0)	† (†)	5.6 ! (1.80)	4.8 ! (1.62)	4.4 ! (1.58)	† (†)	† (†)	† (†)	† (†)				
Pacific Islander	† (†)	† (†)	0.5 ! (0.22)	† (†)	† (†)	† (†)	† (†)	† (†)	† (†)				
American Indian/Alaska Native	98 (16.9)	† (†)	† (†)	† (†)	† (†)	† (†)	† (†)	† (†)	† (†)				
Two or more races	187 (18.5)	† (†)	2.1 ! (0.97)	3.3 ! (1.55)	† (†)	† (†)	† (†)	† (†)	† (†)				
Family poverty status													
Poor <sup>4</sup>	1,507 (50.3)	102 (12.9)	34.4 (3.35)	6.7 (0.84)	6.1 (0.82)	† (†)	† (†)	† (†)	† (†)				
Nonpoor <sup>4</sup>	7,346 (81.6)	194 (16.4)	65.6 (3.35)	2.6 (0.22)	2.3 (0.21)	19.7 (4.57)	8.7 ! (3.77)	† (†)	† (†)				
<b>18 and 19 years old, all persons</b>	<b>8,136 (84.9)</b>	<b>1,215 (47.5)</b>	<b>100.0 (†)</b>	<b>14.9 (0.55)</b>	<b>14.6 (0.86)</b>	<b>27.1 (1.22)</b>	<b>4.6 (0.58)</b>	<b>† (†)</b>	<b>† (†)</b>				
Sex													
Male	4,134 (57.0)	657 (31.8)	54.1 (1.79)	15.9 (0.73)	14.4 (1.15)	29.5 (1.73)	4.6 (0.92)	† (†)	† (†)				
Female	4,002 (63.3)	558 (32.5)	45.9 (1.79)	13.9 (0.79)	14.8 (1.22)	24.6 (1.89)	4.6 (0.72)	† (†)	† (†)				
Race/ethnicity													
White	4,855 (62.4)	615 (35.7)	50.6 (1.91)	12.7 (0.70)	11.8 (1.25)	24.4 (1.55)	4.1 (0.73)	† (†)	† (†)				
Black	1,141 (36.0)	236 (20.9)	19.4 (1.55)	20.7 (1.70)	18.4 (2.53)	31.4 (3.70)	9.5 (2.45)	† (†)	† (†)				
Hispanic	1,593 (37.1)	291 (20.0)	24.0 (1.53)	18.3 (1.16)	18.8 (1.53)	32.3 (3.15)	3.8 (1.02)	† (†)	† (†)				
Asian	296 (18.5)	† (†)	2.4 (0.58)	9.9 (2.23)	10.2 ! (3.65)	18.9 ! (6.68)	5.8 ! (2.44)	† (†)	† (†)				
Pacific Islander	† (†)	† (†)	† (†)	† (†)	† (†)	† (†)	† (†)	† (†)	† (†)				
American Indian/Alaska Native	68 (14.7)	† (†)	1.5 (0.36)	27.7 (7.85)	22.9 ! (8.77)	† (†)	† (†)	† (†)	† (†)				
Two or more races	154 (16.7)	† (†)	1.8 (0.40)	13.8 (3.10)	16.5 ! (5.67)	23.0 ! (7.74)	† (†)	† (†)	† (†)				
Family poverty status													
Poor <sup>4</sup>	1,586 (59.0)	425 (29.7)	35.0 (1.95)	26.8 (1.57)	25.8 (2.04)	40.3 (3.32)	6.9 ! (2.09)	† (†)	† (†)				
Nonpoor <sup>4</sup>	6,550 (90.5)	790 (37.9)	65.0 (1.95)	12.1 (0.54)	11.2 (0.87)	23.3 (1.31)	4.3 (0.60)	† (†)	† (†)				
<b>20 to 24 years old, all persons</b>	<b>20,959 (1.6)</b>	<b>4,409 (104.2)</b>	<b>100.0 (†)</b>	<b>21.0 (0.50)</b>	<b>48.9 (1.45)</b>	<b>33.1 (0.93)</b>	<b>9.5 (0.53)</b>	<b>9.6 (0.97)</b>					
Sex													
Male	10,507 (1.5)	2,097 (72.8)	47.6 (1.08)	20.0 (0.69)	41.7 (1.90)	29.8 (1.21)	8.6 (0.69)	10.1 (1.52)					
Female	10,452 (0.5)	2,312 (67.6)	52.4 (1.08)	22.1 (0.65)	58.1 (2.36)	37.1 (1.34)	10.3 (0.69)	9.2 (1.14)					
Race/ethnicity													
White	12,757 (23.2)	2,139 (74.1)	48.5 (1.04)	16.8 (0.58)	48.7 (2.41)	30.0 (1.28)	7.8 (0.57)	7.7 (1.19)					
Black	2,921 (16.7)	940 (44.0)	21.3 (0.83)	32.2 (1.52)	65.2 (3.66)	41.0 (2.02)	14.6 (1.77)	13.0 (3.49)					
Hispanic	3,839 (1.5)	1,041 (35.3)	23.6 (0.78)	27.1 (0.92)	41.5 (2.14)	33.6 (1.63)	12.9 (1.24)	17.8 (3.56)					
Asian	872 (23.3)	132 (14.9)	3.0 (0.33)	15.2 (1.67)	23.9 ! (8.35)	27.7 (5.19)	10.2 (2.12)	15.1 (3.67)					
Pacific Islander	60 (10.3)	† (†)	0.4 ! (0.12)	27.6 (7.19)	† (†)	47.5 (9.90)	† (†)	† (†)					
American Indian/Alaska Native	177 (22.8)	69 (13.7)	1.6 (0.30)	39.0 (4.67)	84.3 (8.79)	43.7 (8.53)	21.2 (5.50)	† (†)					
Two or more races	333 (21.1)	71 (11.9)	1.6 (0.27)	21.3 (3.06)	† (†)	41.3 (6.42)	9.2 ! (2.95)	† (†)					
Family poverty status													
Poor <sup>4</sup>	4,459 (110.6)	1,670 (68.9)	100.0 (1.22)	37.4 (1.34)	62.4 (2.06)	49.7 (2.14)	15.5 (1.57)	12.4 (2.46)					
White	2,216 (81.7)	671 (43.2)	40.2 (1.77)	30.3 (1.83)	62.4 (4.28)	45.3 (3.29)	11.0 (1.77)	10.9 ! (3.69)					
Black	897 (46.3)	455 (34.9)	27.3 (1.66)	50.8 (2.85)	75.1 (4.51)	55.7 (3.96)	28.4 (4.61)	† (†)					
Hispanic	993 (42.5)	444 (26.0)	26.6 (1.42)	44.7 (2.02)	54.9 (3.05)	52.7 (3.88)	19.3 (3.42)	† (†)					
Asian	210 (23.2)	† (†)	1.8 (0.54)	14.5 (4.03)	† (†)	† (†)	† (†)	† (†)					
Pacific Islander	† (†)	† (†)	0.5 ! (0.24)	† (†)	† (†)	† (†)	† (†)	† (†)					
American Indian/Alaska Native	61 (13.8)	35 (8.4)	2.1 (0.49)	58.2 (7.67)	† (†)	† (†)	† (†)	† (†)					
Two or more races	68 (11.1)	† (†)	1.5 (0.38)	36.7 (7.93)	† (†)	† (†)	† (†)	† (†)					
Nonpoor <sup>4</sup>	16,500 (110.5)	2,739 (81.3)	100.0 (1.22)	16.6 (0.48)	39.2 (1.87)	27.6 (1.03)	8.4 (0.50)	9.2 (1.00)					
White	10,541 (87.2)	1,468 (63.4)	53.6 (1.40)	13.9 (0.59)	40.5 (2.95)	25.9 (1.44)	7.2 (0.57)	7.3 (1.20)					
Black	2,024 (49.8)	484 (33.0)	17.7 (1.11)	23.9 (1.54)	53.9 (5.60)	33.6 (2.53)	10.8 (1.56)	15.3 (4.08)					
Hispanic	2,846 (42.5)	597 (27.3)	21.8 (0.92)	21.0 (0.92)	32.4 (2.60)	26.9 (1.63)	11.5 (1.24)	14.3 (3.53)					
Asian	662 (30.1)	102 (12.7)	3.7 (0.45)	15.4 (1.79)	† (†)	24.4 (5.49)	9.9 (2.34)	19.2 (4.44)					
Pacific Islander	45 (8.8)	† (†)	0.3 ! (0.11)	17.2 ! (6.48)	† (†)	† (†)	† (†)	† (†)					
American Indian/Alaska Native	117 (15.0)	34 (8.6)	1.2 (0.31)	29.1 (5.90)	† (†)	37.1 (9.98)	20.0 ! (7.63)	† (†)					
Two or more races	265 (19.9)	46 (8.8)	1.7 (0.32)	17.4 (2.97)	† (†)	38.3 (6.67)	5.7 ! (2.60)	† (†)					

See notes at end of table.

**Table 501.30. Number and percentage of persons 16 to 24 years old who were neither enrolled in school nor working, by educational attainment, age group, sex, family poverty status, and race/ethnicity: 2000, 2010, and 2017—Continued**  
[Standard errors appear in parentheses]

Age group, sex, family poverty status, and race/ethnicity	Total (in thousands)	Number (in thousands)	Percentage distribution	Neither enrolled in school nor working									
				Percent, by educational attainment									
				Total	Less than high school completion	High school completion <sup>1</sup>	Some college, no bachelor's degree <sup>2</sup>	Bachelor's or higher degree					
1	2	3	4	5	6	7	8	9					
<b>2017</b>													
<b>16 and 17 years old, all persons</b> .....	<b>8,951 (100.8)</b>	<b>360 (25.2)</b>	<b>100.0</b>	<b>(†)</b>	<b>4.0 (0.28)</b>	<b>3.7 (0.27)</b>	<b>15.2 (3.61)</b>	<b>6.0 ! (2.86)</b>	<b>‡ (†)</b>	<b>‡ (†)</b>	<b>‡ (†)</b>	<b>‡ (†)</b>	<b>‡ (†)</b>
Sex													
Male .....	4,540 (75.4)	189 (18.8)	52.5	(3.79)	4.2 (0.41)	3.9 (0.41)	16.2 ! (5.42)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)
Female .....	4,412 (68.4)	171 (18.3)	47.5	(3.79)	3.9 (0.40)	3.5 (0.39)	14.3 ! (5.10)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)
Race/ethnicity													
White .....	4,871 (77.5)	189 (17.7)	52.6	(3.55)	3.9 (0.36)	3.5 (0.37)	19.2 ! (5.79)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)
Black .....	1,260 (35.0)	61 (10.8)	16.9	(2.72)	4.8 (0.83)	4.9 (0.86)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)
Hispanic .....	2,010 (44.7)	79 (11.8)	22.0	(2.79)	3.9 (0.58)	3.8 (0.56)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)
Asian .....	412 (23.6)	‡ (†)	4.6 !	(1.42)	4.0 ! (1.25)	3.5 ! (1.27)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)
Pacific Islander .....	‡ (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)
American Indian/Alaska Native .....	72 (11.6)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)
Two or more races .....	297 (23.5)	‡ (†)	2.2 !	(1.07)	2.7 ! (1.32)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)
Family poverty status													
Poor <sup>4</sup> .....	1,333 (55.4)	76 (12.9)	21.0	(3.18)	5.7 (0.95)	5.5 (0.94)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)
Nonpoor <sup>4</sup> .....	7,618 (93.0)	284 (22.3)	79.0	(3.18)	3.7 (0.29)	3.4 (0.28)	15.9 (4.32)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)
<b>18 and 19 years old, all persons</b> .....	<b>7,799 (100.9)</b>	<b>828 (44.3)</b>	<b>100.0</b>	<b>(†)</b>	<b>10.6 (0.54)</b>	<b>10.3 (0.83)</b>	<b>18.6 (1.20)</b>	<b>3.8 (0.57)</b>	<b>‡ (†)</b>	<b>‡ (†)</b>	<b>‡ (†)</b>	<b>‡ (†)</b>	<b>‡ (†)</b>
Sex													
Male .....	3,954 (75.7)	418 (28.5)	50.5	(2.51)	10.6 (0.73)	9.8 (1.03)	18.9 (1.72)	3.5 (0.73)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)
Female .....	3,845 (68.5)	410 (32.3)	49.5	(2.51)	10.7 (0.80)	11.0 (1.38)	18.3 (1.86)	4.0 (0.85)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)
Race/ethnicity													
White .....	4,160 (78.9)	390 (31.5)	47.1	(2.46)	9.4 (0.73)	9.6 (1.19)	16.9 (1.59)	2.5 (0.71)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)
Black .....	1,038 (36.1)	171 (18.6)	20.6	(1.95)	16.4 (1.67)	14.8 (2.34)	27.3 (3.79)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)
Hispanic .....	1,817 (44.9)	216 (19.0)	26.1	(2.06)	11.9 (1.02)	11.0 (1.58)	18.7 (2.38)	6.5 (1.51)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)
Asian .....	424 (23.1)	‡ (†)	2.0 !	(0.64)	4.0 ! (1.22)	‡ (†)	‡ (†)	3.6 ! (1.73)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)
Pacific Islander .....	‡ (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)
American Indian/Alaska Native .....	77 (14.9)	‡ (†)	1.0 !	(0.38)	10.8 ! (4.13)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)
Two or more races .....	249 (23.2)	‡ (†)	3.0	(0.88)	9.8 (2.87)	‡ (†)	‡ (†)	17.6 ! (7.14)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)
Family poverty status													
Poor <sup>4</sup> .....	1,343 (67.3)	219 (22.5)	26.4	(2.42)	16.3 (1.57)	16.0 (2.21)	29.4 (3.68)	5.9 ! (1.84)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)
Nonpoor <sup>4</sup> .....	6,456 (93.4)	610 (39.3)	73.6	(2.42)	9.4 (0.57)	8.9 (0.83)	16.8 (1.19)	3.3 (0.57)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)
<b>20 to 24 years old, all persons</b> .....	<b>21,461 (2.7)</b>	<b>3,092 (87.7)</b>	<b>100.0</b>	<b>(†)</b>	<b>14.4 (0.41)</b>	<b>37.1 (2.00)</b>	<b>24.1 (0.93)</b>	<b>7.1 (0.41)</b>	<b>7.8 (0.79)</b>	<b>‡ (†)</b>	<b>‡ (†)</b>	<b>‡ (†)</b>	<b>‡ (†)</b>
Sex													
Male .....	10,763 (2.6)	1,453 (63.0)	47.0	(1.40)	13.5 (0.59)	29.3 (2.51)	21.2 (1.20)	6.3 (0.63)	8.4 (1.29)	‡ (†)	‡ (†)	‡ (†)	‡ (†)
Female .....	10,699 (1.2)	1,639 (59.8)	53.0	(1.40)	15.3 (0.56)	47.5 (2.84)	28.0 (1.35)	7.9 (0.58)	7.4 (0.99)	‡ (†)	‡ (†)	‡ (†)	‡ (†)
Race/ethnicity													
White .....	11,612 (33.5)	1,419 (61.9)	45.9	(1.39)	12.2 (0.53)	35.8 (3.52)	21.7 (1.30)	7.1 (0.58)	5.3 (0.82)	‡ (†)	‡ (†)	‡ (†)	‡ (†)
Black .....	3,068 (23.4)	593 (39.3)	19.2	(1.12)	19.3 (1.25)	47.2 (4.97)	29.3 (2.26)	7.2 (1.19)	17.2 (3.62)	‡ (†)	‡ (†)	‡ (†)	‡ (†)
Hispanic .....	4,677 (2.6)	801 (33.9)	25.9	(0.98)	17.1 (0.73)	31.0 (2.72)	25.4 (1.43)	8.1 (0.79)	11.4 (2.39)	‡ (†)	‡ (†)	‡ (†)	‡ (†)
Asian .....	1,305 (33.9)	124 (17.9)	4.0	(0.57)	9.5 (1.33)	38.5 ! (12.17)	17.6 (3.95)	4.4 (1.22)	10.9 (2.32)	‡ (†)	‡ (†)	‡ (†)	‡ (†)
Pacific Islander .....	68 (15.2)	‡ (†)	0.4 !	(0.15)	17.3 (4.75)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)
American Indian/Alaska Native .....	202 (21.9)	62 (10.6)	2.0	(0.34)	30.9 (4.14)	‡ (†)	‡ (†)	21.5 ! (6.66)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)
Two or more races .....	529 (33.3)	81 (17.0)	2.6	(0.54)	15.3 (2.99)	‡ (†)	‡ (†)	4.9 ! (2.42)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)
Family poverty status													
Poor <sup>4</sup> .....	3,374 (112.2)	952 (51.3)	100.0	(1.39)	28.2 (1.43)	51.5 (3.76)	47.2 (2.80)	11.5 (1.35)	18.1 (3.84)	‡ (†)	‡ (†)	‡ (†)	‡ (†)
White .....	1,544 (80.6)	385 (28.2)	40.4	(2.21)	24.9 (1.97)	54.2 (6.31)	45.4 (4.31)	11.3 (1.93)	11.9 ! (4.52)	‡ (†)	‡ (†)	‡ (†)	‡ (†)
Black .....	670 (44.1)	237 (26.5)	24.9	(2.26)	35.3 (3.15)	53.5 (7.78)	49.0 (4.97)	12.2 ! (3.68)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)
Hispanic .....	766 (41.0)	259 (22.3)	27.2	(1.88)	33.8 (2.41)	45.8 (6.48)	47.9 (4.37)	16.8 (3.17)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)
Asian .....	259 (31.6)	‡ (†)	2.1 !	(0.64)	7.7 ! (2.34)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)
Pacific Islander .....	‡ (†)	‡ (†)	0.5 !	(0.24)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)
American Indian/Alaska Native .....	61 (13.3)	‡ (†)	2.9 !	(0.93)	45.5 (10.12)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)
Two or more races .....	66 (14.1)	‡ (†)	2.0 !	(0.82)	28.7 ! (9.70)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)
Nonpoor <sup>4</sup> .....	18,087 (112.2)	2,140 (73.7)	100.0	(1.39)	11.8 (0.39)	31.9 (2.51)	19.4 (0.88)	6.3 (0.42)	6.7 (0.80)	‡ (†)	‡ (†)	‡ (†)	‡ (†)
White .....	10,068 (83.3)	1,034 (54.0)	48.3	(1.80)	10.3 (0.52)	30.1 (3.92)	17.9 (1.25)	6.4 (0.60)	4.7 (0.83)	‡ (†)	‡ (†)	‡ (†)	‡ (†)
Black .....	2,398 (46.8)	357 (30.7)	16.7	(1.31)	14.9 (1.25)	43.5 (6.66)	22.6 (2.40)	6.1 (1.10)	12.2 (3.49)	‡ (†)	‡ (†)	‡ (†)	‡ (†)
Hispanic .....	3,911 (41.1)	542 (30.6)	25.3	(1.28)	13.9 (0.76)	25.7 (3.03)	20.8 (1.49)	6.6 (0.82)	10.1 (2.55)	‡ (†)	‡ (†)	‡ (†)	‡ (†)
Asian .....	1,046 (40.0)	104 (16.8)	4.9	(0.77)	10.0 (1.49)	‡ (†)	‡ (†)	5.2 (1.49)	10.5 (2.43)	‡ (†)	‡ (†)	‡ (†)	‡ (†)
Pacific Islander .....	59 (14.6)	‡ (†)	‡ (†)	‡ (†)	11.9 ! (4.89)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)
American Indian/Alaska Native .....	140 (18.5)	34 (8.1)	1.6	(0.38)	24.5 (4.84)	‡ (†)	‡ (†)	23.2 ! (8.31)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)
Two or more races .....	463 (29.8)	‡ (†)	2.9	(0.69)	13.4 (3.21)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)

—Not available.

†Not applicable.

!Interpret data with caution. The coefficient of variation (CV) for this estimate is between 30 and 50 percent.

‡Reporting standards not met. Either there are too few cases for a reliable estimate or the coefficient of variation (CV) is 50 percent or greater.

<sup>1</sup>Includes equivalency credentials, such as the GED credential.

<sup>2</sup>Includes persons with no college degree as well as those with an associate's degree.

<sup>3</sup>Includes Pacific Islanders.

<sup>4</sup>Poor is defined to include families with incomes below the poverty threshold. Nonpoor is defined to include families with incomes at or above the poverty threshold. For information

about how the Census Bureau determines who is in poverty, see <http://www.census.gov/topics/income-poverty/poverty/guidance/poverty-measures.html>.

NOTE: Race categories exclude persons of Hispanic ethnicity. Beginning in 2010, standard errors were computed using replicate weights, which produced more precise values than the generalized variance function methodology previously used. Detail may not sum to totals because of rounding. Data are based on sample surveys of the noninstitutionalized population, which excludes persons living in institutions (e.g., prisons or nursing facilities); this table includes only data on the civilian population (excludes all military personnel).

SOURCE: U.S. Department of Commerce, Census Bureau, Current Population Survey (CPS), Annual Social and Economic Supplement, 2000, 2010, and 2017. (This table was prepared January 2018.)

**Table 501.40. Percentage distribution of 25- to 34-year-olds with various levels of educational attainment, by labor force status, sex, race/ethnicity, and U.S. nativity and citizenship status: 2016**  
 [Standard errors appear in parentheses]

Sex, race/ethnicity, and U.S. nativity and citizenship status	All 25- to 34-year-olds			Less than high school completion			High school completion <sup>1</sup>			Some college, no bachelor's degree <sup>2</sup>			Bachelor's or higher degree		
	In labor force		Not in labor force	In labor force		Not in labor force	In labor force		Not in labor force	In labor force		Not in labor force	In labor force		Not in labor force
	Employed	Unemployed (seeking employment)		Employed	Unemployed (seeking employment)		Employed	Unemployed (seeking employment)		Employed	Unemployed (seeking employment)		Employed	Unemployed (seeking employment)	
			2			3			4			5			6
<b>Total<sup>3</sup></b>	<b>77.3 (0.08)</b>	<b>4.9 (0.04)</b>	<b>17.8 (0.07)</b>	<b>55.9 (0.27)</b>	<b>7.9 (0.17)</b>	<b>36.2 (0.25)</b>	<b>69.9 (0.21)</b>	<b>6.9 (0.10)</b>	<b>23.2 (0.20)</b>	<b>78.6 (0.15)</b>	<b>5.0 (0.08)</b>	<b>16.4 (0.12)</b>	<b>87.4 (0.11)</b>	<b>2.5 (0.05)</b>	<b>10.1 (0.10)</b>
<b>Sex</b>															
Male	81.6 (0.11)	5.1 (0.06)	13.3 (0.10)	65.1 (0.37)	7.6 (0.22)	27.4 (0.34)	75.6 (0.27)	7.0 (0.14)	17.4 (0.23)	83.4 (0.20)	5.1 (0.11)	11.5 (0.15)	91.2 (0.13)	2.6 (0.07)	6.2 (0.11)
Female	73.1 (0.12)	4.6 (0.06)	22.3 (0.10)	43.5 (0.47)	8.3 (0.26)	48.2 (0.46)	62.2 (0.35)	6.8 (0.16)	30.9 (0.33)	74.1 (0.20)	5.0 (0.11)	20.9 (0.19)	84.3 (0.18)	2.4 (0.06)	13.3 (0.16)
<b>Race/ethnicity</b>															
White	80.2 (0.10)	4.0 (0.05)	15.8 (0.10)	50.5 (0.60)	8.4 (0.30)	41.1 (0.61)	71.1 (0.29)	6.2 (0.14)	22.7 (0.26)	79.9 (0.19)	4.2 (0.09)	16.0 (0.16)	89.4 (0.13)	2.1 (0.05)	8.5 (0.12)
Black	70.8 (0.28)	8.7 (0.16)	20.5 (0.26)	38.9 (0.99)	12.9 (0.60)	48.2 (1.00)	62.7 (0.53)	11.4 (0.31)	25.9 (0.52)	77.2 (0.44)	7.9 (0.29)	15.0 (0.36)	87.3 (0.38)	4.1 (0.23)	8.6 (0.35)
Hispanic	75.0 (0.20)	5.1 (0.11)	19.9 (0.18)	65.2 (0.38)	6.1 (0.24)	28.7 (0.38)	72.8 (0.43)	5.4 (0.22)	21.7 (0.42)	78.5 (0.35)	5.0 (0.20)	16.4 (0.31)	85.9 (0.42)	3.2 (0.19)	10.9 (0.37)
Asian	75.7 (0.32)	3.2 (0.14)	21.1 (0.29)	61.9 (1.52)	3.1 (0.52)	35.0 (1.45)	71.7 (1.16)	4.3 (0.56)	24.1 (1.05)	71.8 (0.87)	4.6 (0.42)	23.6 (0.76)	78.5 (0.37)	2.6 (0.16)	18.9 (0.34)
Pacific Islander	71.5 (2.04)	4.6 (0.88)	23.9 (1.79)	47.2 (5.85)	± (†)	52.0 (5.87)	70.5 (3.01)	4.4 (1.76)	25.1 (3.05)	71.4 (3.01)	7.7 (2.07)	20.9 (3.01)	86.2 (3.47)	± (†)	12.1 (3.30)
American Indian/Alaska Native <sup>4</sup>	60.6 (0.98)	10.8 (0.70)	28.6 (0.92)	33.1 (2.68)	12.7 (1.69)	54.2 (2.75)	56.3 (1.55)	13.7 (1.43)	30.0 (1.19)	66.9 (1.77)	9.6 (1.19)	23.5 (1.60)	87.0 (2.45)	3.5 (1.14)	9.5 (2.08)
American Indian	61.1 (0.99)	10.9 (0.76)	28.0 (0.93)	32.1 (2.81)	12.6 (1.77)	55.3 (2.92)	58.3 (1.75)	14.0 (1.64)	27.7 (1.32)	66.7 (1.88)	9.3 (1.18)	24.0 (1.62)	87.3 (2.37)	4.3 (1.46)	8.4 (1.93)
Alaska Native	52.3 (3.76)	15.9 (3.13)	31.8 (3.25)	24.4 (8.23)	30.5 (10.09)	45.9 (8.86)	49.7 (5.90)	15.8 (4.00)	34.5 (4.84)	64.4 (8.40)	14.9 (6.75)	20.8 (6.61)	± (†)	± (†)	± (†)
Two or more races	75.4 (0.55)	5.7 (0.34)	18.9 (0.48)	49.5 (2.21)	11.1 (1.78)	39.3 (2.35)	64.0 (1.39)	8.3 (0.82)	27.7 (1.45)	75.0 (0.91)	6.1 (0.56)	18.9 (0.82)	86.8 (0.72)	2.8 (0.34)	10.4 (0.66)
<b>Race/ethnicity by sex</b>															
<b>Male</b>															
White	84.2 (0.13)	4.5 (0.08)	11.3 (0.12)	58.2 (0.65)	8.9 (0.38)	33.0 (0.67)	76.9 (0.36)	6.7 (0.17)	16.4 (0.31)	85.7 (0.22)	4.3 (0.13)	10.0 (0.17)	92.7 (0.16)	2.4 (0.08)	4.9 (0.13)
Black	68.1 (0.38)	8.7 (0.23)	23.2 (0.35)	34.9 (1.13)	12.1 (0.83)	52.9 (1.20)	61.9 (0.67)	10.8 (0.45)	27.3 (0.63)	76.5 (0.70)	7.7 (0.41)	15.7 (0.54)	87.5 (0.60)	4.2 (0.34)	8.3 (0.54)
Hispanic	83.1 (0.28)	4.8 (0.14)	12.1 (0.22)	79.6 (0.48)	5.3 (0.30)	15.1 (0.39)	82.3 (0.46)	5.1 (0.27)	12.7 (0.39)	84.3 (0.50)	4.8 (0.26)	10.9 (0.40)	89.4 (0.56)	3.1 (0.28)	7.5 (0.51)
Asian	84.2 (0.43)	3.3 (0.20)	12.6 (0.38)	74.1 (2.41)	3.9 (0.86)	22.1 (2.20)	79.3 (1.43)	5.1 (0.74)	15.6 (1.19)	77.3 (1.20)	5.6 (0.53)	17.1 (1.06)	87.8 (0.44)	2.2 (0.20)	10.0 (0.41)
Pacific Islander	83.1 (2.36)	4.2 (1.21)	12.7 (2.00)	58.9 (8.34)	± (†)	40.3 (8.29)	82.4 (3.14)	6.7 (2.85)	10.9 (2.71)	87.1 (3.27)	4.8 (2.28)	8.1 (1.85)	89.5 (4.40)	± (†)	10.1 (4.44)
American Indian/Alaska Native <sup>4</sup>	60.9 (1.38)	12.5 (1.01)	26.6 (1.17)	33.2 (3.49)	14.0 (2.40)	52.8 (3.62)	59.4 (2.16)	15.8 (1.86)	24.8 (1.67)	68.3 (2.66)	10.4 (1.91)	21.3 (1.93)	90.4 (2.55)	4.6 (1.90)	5.0 (1.53)
American Indian	61.4 (1.42)	12.4 (1.06)	26.2 (1.20)	32.3 (3.58)	13.2 (2.22)	54.5 (3.93)	61.7 (2.49)	15.8 (2.19)	22.5 (1.72)	67.6 (2.59)	9.8 (1.68)	22.6 (1.99)	90.6 (3.06)	5.7 (2.54)	3.7 (1.51)
Alaska Native	51.0 (6.03)	25.5 (5.74)	23.5 (3.60)	14.1 (6.35)	51.3 (13.17)	34.6 (10.76)	45.6 (7.47)	21.0 (6.13)	33.4 (6.16)	63.2 (14.06)	31.4 (13.72)	± (†)	± (†)	± (†)	± (†)
Two or more races	77.7 (0.72)	6.0 (0.48)	16.3 (0.82)	56.8 (3.01)	8.8 (1.94)	34.4 (2.84)	67.7 (1.67)	8.2 (1.12)	24.1 (1.44)	77.8 (1.26)	6.2 (0.79)	16.1 (1.22)	89.0 (1.00)	3.7 (0.60)	7.3 (0.85)
<b>Female</b>															
White	76.2 (0.15)	3.5 (0.07)	20.3 (0.14)	40.0 (0.86)	7.8 (0.48)	52.3 (0.89)	62.8 (0.45)	5.4 (0.20)	31.8 (0.44)	74.0 (0.29)	4.0 (0.13)	21.9 (0.27)	86.7 (0.20)	1.9 (0.08)	11.4 (0.18)
Black	73.3 (0.37)	8.7 (0.22)	18.0 (0.34)	44.5 (1.53)	14.0 (0.81)	41.4 (1.61)	63.5 (0.75)	12.2 (0.52)	24.3 (0.71)	77.6 (0.52)	8.0 (0.39)	14.3 (0.44)	87.1 (0.49)	4.0 (0.31)	8.9 (0.47)
Hispanic	66.2 (0.33)	5.4 (0.15)	28.4 (0.30)	45.0 (0.71)	7.3 (0.38)	47.7 (0.73)	60.8 (0.73)	5.9 (0.33)	33.3 (0.69)	73.4 (0.56)	5.2 (0.27)	21.4 (0.52)	83.2 (0.54)	3.4 (0.25)	13.5 (0.51)
Asian	68.1 (0.45)	3.1 (0.17)	28.8 (0.43)	52.0 (2.19)	2.5 (0.64)	45.5 (2.17)	63.8 (1.73)	3.4 (0.59)	32.8 (1.62)	66.4 (1.22)	3.6 (0.54)	30.0 (1.12)	70.5 (0.58)	2.9 (0.22)	26.6 (0.54)
Pacific Islander	60.9 (2.76)	5.0 (1.34)	34.1 (2.64)	39.2 (8.73)	± (†)	60.0 (8.82)	55.2 (5.40)	± (†)	43.4 (5.48)	62.3 (4.33)	9.4 (3.17)	28.3 (4.34)	82.2 (4.53)	± (†)	14.4 (3.89)
American Indian/Alaska Native <sup>4</sup>	60.2 (1.35)	9.1 (0.96)	30.7 (1.25)	33.0 (4.34)	10.6 (2.26)	56.4 (4.47)	52.5 (2.09)	11.3 (2.01)	36.1 (2.02)	65.9 (2.03)	9.0 (1.52)	25.2 (2.02)	84.2 (3.80)	2.6 (1.21)	13.2 (3.63)
American Indian	60.8 (1.41)	9.5 (1.10)	29.7 (1.40)	31.8 (4.60)	11.6 (2.82)	56.6 (4.93)	54.1 (2.24)	11.9 (2.31)	34.0 (2.24)	66.0 (2.16)	9.0 (1.61)	25.0 (2.04)	84.7 (3.38)	3.2 (1.50)	12.1 (3.15)
Alaska Native	53.6 (6.47)	6.4 (2.27)	40.0 (6.29)	± (†)	± (†)	± (†)	54.0 (9.41)	10.3 (4.24)	35.7 (8.93)	65.2 (10.98)	± (†)	31.7 (11.00)	± (†)	± (†)	± (†)
Two or more races	73.3 (0.79)	5.4 (0.42)	21.3 (0.77)	40.9 (3.68)	13.9 (3.31)	45.2 (3.81)	59.2 (2.78)	8.5 (1.24)	32.3 (2.77)	72.6 (1.07)	6.1 (0.76)	21.3 (0.97)	84.9 (1.00)	2.1 (0.38)	13.0 (0.97)
<b>Nativity</b>															
<b>Hispanic</b>															
U.S.-born <sup>5</sup>	75.4 (0.27)	5.8 (0.15)	18.8 (0.24)	54.5 (0.79)	10.0 (0.49)	35.5 (0.75)	71.6 (0.52)	6.7 (0.29)	21.7 (0.49)	78.6 (0.40)	5.2 (0.23)	16.2 (0.35)	88.5 (0.42)	3.0 (0.23)	8.5 (0.36)
Foreign-born	74.3 (0.33)	4.1 (0.14)	21.6 (0.30)	70.5 (0.47)	4.2 (0.21)	25.3 (0.45)	74.5 (0.57)	3.8 (0.30)	21.7 (0.62)	78.4 (0.67)	4.6 (0.32)	17.0 (0.61)	79.2 (0.80)	3.8 (0.39)	17.0 (0.73)
<b>Asian</b>															
U.S.-born <sup>5</sup>	82.6 (0.49)	3.5 (0.25)	13.9 (0.44)	51.6 (4.07)	4.3 (1.43)	44.1 (3.87)	72.1 (1.87)	6.3 (1.22)	21.6 (1.66)	77.7 (1.12)	4.9 (0.51)	17.4 (1.00)	87.3 (0.54)	2.6 (0.21)	10.1 (0.51)
Foreign-born	72.4 (0.39)	3.0 (0.16)	24.6 (0.38)	64.0 (1.63)	2.9 (0.52)	33.1 (1.52)	71.5 (1.43)	3.3 (0.58)	25.2 (1.34)	67.9 (1.17)	4.4 (0.58)	27.7 (1.08)	74.5 (0.47)	2.6 (0.19)	22.9 (0.45)
<b>Citizenship status</b>															
U.S.-born citizen	78.1 (0.09)	5.1 (0.04)	16.8 (0.07)	48.0 (0.38)	10.0 (0.23)	41.9 (0.37)	69.3 (0.22)	7.4 (0.11)	23.3 (0.20)	79.1 (0.16)	5.1 (0.08)	15.8 (0.13)	89.6 (0.12)	2.3 (0.05)	8.0 (0.10)
Naturalized citizen	80.0 (0.41)	3.8 (0.18)	16.1 (0.36)	66.8 (1.26)	4.9 (0.56)	28.4 (1.24)	75.3 (0.87)	4.3 (0.43)	20.4 (0.83)	78.8 (0.75)	4.5 (0.37)	16.7 (0.66)	86.4 (0.57)	2.9 (0.24)	10.7 (0.47)
Noncitizen	70.6 (0.27)	4.1 (0.11)	25.2 (0.28)	69.4 (0.45)	4.2 (0.22)	26.4 (0.44)	71.5 (0.64)	4.7 (0.27)	23.8 (0.60)	70.5 (0.70)	4.9 (0.31)	24.6 (0.64)	71.2 (0.44)	3.2 (0.18)	25.6 (0.46)

†Not applicable.

<sup>1</sup>Interpret data with caution. The coefficient of variation (CV) for this estimate is between 30 and 50 percent.

<sup>2</sup>Reporting standards not met. Either there are too few cases for a reliable estimate or the coefficient of variation (CV) is 50 percent or greater.

<sup>3</sup>Data are for all persons with high school completion as their highest level of education, including those with equivalency credentials, such as the GED credential.

<sup>4</sup>Includes persons with no college degree as well as those with an associate's degree.

<sup>5</sup>Total includes other racial/ethnic groups not shown separately.

<sup>6</sup>Includes persons reporting American Indian alone, persons reporting Alaska Native alone, and persons from American Indian and/or Alaska Native tribes specified or not specified.

<sup>7</sup>Includes those born in the 50 states, the District of Columbia, Puerto Rico, American Samoa, Guam, the U.S. Virgin Islands, and the Northern Marianas, as well as those born abroad to U.S.-citizen parents.

NOTE: Estimates are for the entire civilian population in the given age range, including persons living in households and persons living in group quarters (e.g., college residence halls, residential treatment centers, or correctional facilities). The labor force consists of all employed persons plus those seeking employment. Standard errors were computed using replicate weights. Detail may not sum to totals because of rounding. Race categories exclude persons of Hispanic ethnicity.

SOURCE: U.S. Department of Commerce, Census Bureau, American Community Survey (ACS), 2016. (This table was prepared July 2018.)

**Table 501.50. Employment to population ratios of persons 16 to 64 years old, by age group and highest level of educational attainment: Selected years, 1975 through 2017**  
[Standard errors appear in parentheses]

Age group and highest level of educational attainment	1975	1980	1985	1990	1995	2000	2005	2009	2010	2011	2012	2014	2015	2016	2017
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
<b>16 to 19 years old, all education levels<sup>1</sup>.....</b>	— (†)	— (†)	— (†)	<b>60.8 (2.03)</b>	<b>58.0 (2.13)</b>	<b>62.6 (2.09)</b>	<b>53.7 (1.40)</b>	<b>46.6 (1.36)</b>	<b>43.2 (1.30)</b>	<b>44.8 (1.40)</b>	<b>45.8 (1.43)</b>	<b>51.0 (1.67)</b>	<b>49.2 (1.36)</b>	<b>50.4 (1.55)</b>	<b>56.4 (1.57)</b>
Less than high school completion.....	— (†)	— (†)	— (†)	44.2 (3.08)	44.0 (3.13)	52.2 (3.19)	39.4 (2.01)	31.1 (1.89)	29.4 (1.83)	31.1 (2.21)	28.5 (2.05)	39.7 (2.63)	35.3 (2.03)	35.6 (2.05)	39.6 (2.27)
High school completion <sup>2</sup> .....	— (†)	— (†)	— (†)	74.2 (2.54)	70.1 (2.99)	70.1 (2.92)	65.0 (2.04)	53.6 (1.72)	51.1 (1.84)	50.3 (2.01)	53.6 (1.90)	58.5 (2.22)	56.1 (1.83)	58.7 (2.28)	66.4 (1.96)
At least some college.....	— (†)	— (†)	— (†)	76.8 (9.32)	71.6 (6.38)	78.2 (6.22)	66.6 (4.54)	65.4 (3.70)	57.5 (3.99)	61.5 (3.63)	64.3 (4.07)	60.5 (5.27)	65.7 (3.40)	69.1 (3.66)	69.6 (3.94)
<b>20 to 24 years old, all education levels<sup>1</sup>.....</b>	— (†)	— (†)	— (†)	<b>75.6 (0.90)</b>	<b>73.7 (0.93)</b>	<b>77.4 (0.93)</b>	<b>73.2 (0.66)</b>	<b>68.3 (0.66)</b>	<b>65.5 (0.72)</b>	<b>67.0 (0.59)</b>	<b>68.7 (0.67)</b>	<b>69.4 (0.74)</b>	<b>71.4 (0.66)</b>	<b>72.3 (0.59)</b>	<b>75.9 (0.64)</b>
Less than high school completion.....	— (†)	— (†)	— (†)	54.4 (2.29)	52.7 (2.41)	60.8 (2.43)	55.7 (1.27)	50.6 (1.60)	44.4 (1.58)	46.8 (1.71)	47.7 (1.95)	46.6 (2.62)	51.4 (2.17)	48.0 (2.08)	54.5 (2.30)
High school completion <sup>2</sup> .....	— (†)	— (†)	— (†)	76.6 (1.26)	72.2 (1.46)	76.5 (1.46)	72.3 (0.91)	63.9 (1.03)	61.5 (1.01)	62.9 (1.07)	64.2 (0.99)	63.7 (1.31)	66.9 (1.01)	69.4 (1.03)	72.1 (1.05)
Some college, no bachelor's degree <sup>3</sup> .....	— (†)	— (†)	— (†)	85.6 (1.69)	83.6 (1.52)	86.6 (1.49)	80.3 (1.19)	74.9 (1.32)	72.9 (1.27)	73.2 (1.01)	75.3 (1.19)	75.0 (1.29)	76.4 (1.03)	76.7 (1.02)	80.3 (0.99)
Bachelor's or higher degree.....	— (†)	— (†)	— (†)	93.3 (1.57)	90.9 (1.76)	87.8 (2.07)	89.3 (1.16)	87.2 (1.26)	86.5 (1.37)	85.2 (1.41)	87.3 (1.16)	88.1 (1.47)	88.9 (1.05)	88.1 (1.12)	89.3 (1.04)
<b>25 to 64 years old, all education levels.....</b>	<b>65.8 (0.33)</b>	<b>70.2 (0.30)</b>	<b>71.6 (0.30)</b>	<b>75.0 (0.29)</b>	<b>75.5 (0.28)</b>	<b>77.7 (0.27)</b>	<b>75.0 (0.19)</b>	<b>72.2 (0.19)</b>	<b>71.5 (0.19)</b>	<b>71.2 (0.19)</b>	<b>71.7 (0.18)</b>	<b>72.3 (0.26)</b>	<b>73.1 (0.19)</b>	<b>73.8 (0.18)</b>	<b>74.4 (0.17)</b>
Less than high school completion.....	55.3 (0.62)	55.5 (0.66)	53.1 (0.74)	54.9 (0.80)	53.8 (0.85)	57.8 (0.91)	57.2 (0.51)	52.5 (0.57)	52.1 (0.60)	51.1 (0.56)	52.9 (0.60)	54.9 (0.78)	54.7 (0.58)	56.6 (0.62)	55.6 (0.65)
High school completion <sup>2</sup> .....	65.7 (0.53)	70.4 (0.48)	70.7 (0.48)	74.4 (0.46)	73.3 (0.49)	75.5 (0.49)	71.5 (0.34)	67.8 (0.33)	67.0 (0.36)	66.2 (0.39)	66.5 (0.35)	67.0 (0.44)	67.3 (0.37)	67.6 (0.39)	68.4 (0.36)
Some college, no bachelor's degree <sup>3</sup> .....	71.7 (0.86)	76.1 (0.70)	77.8 (0.66)	80.2 (0.60)	79.5 (0.51)	80.7 (0.50)	77.7 (0.33)	73.9 (0.33)	72.7 (0.30)	72.2 (0.30)	72.2 (0.30)	72.6 (0.44)	74.1 (0.32)	73.9 (0.32)	75.3 (0.30)
Bachelor's or higher degree.....	82.5 (0.68)	84.5 (0.55)	85.6 (0.51)	86.7 (0.47)	86.5 (0.44)	86.4 (0.42)	83.7 (0.26)	82.2 (0.25)	81.6 (0.24)	81.5 (0.26)	82.1 (0.24)	82.0 (0.34)	82.8 (0.26)	83.5 (0.23)	83.5 (0.25)
<b>25 to 34 years old, all education levels.....</b>	<b>67.7 (0.59)</b>	<b>74.5 (0.49)</b>	<b>76.2 (0.48)</b>	<b>78.6 (0.47)</b>	<b>78.5 (0.48)</b>	<b>81.6 (0.49)</b>	<b>76.8 (0.31)</b>	<b>74.2 (0.36)</b>	<b>73.2 (0.34)</b>	<b>73.0 (0.35)</b>	<b>73.8 (0.31)</b>	<b>74.5 (0.43)</b>	<b>76.0 (0.35)</b>	<b>76.8 (0.38)</b>	<b>78.1 (0.38)</b>
Less than high school completion.....	52.9 (1.43)	58.3 (1.46)	57.0 (1.54)	60.3 (1.50)	59.8 (1.59)	64.1 (1.76)	62.0 (0.95)	54.6 (1.07)	55.1 (0.95)	54.2 (1.17)	56.2 (1.14)	57.8 (1.37)	56.5 (1.11)	59.5 (1.30)	57.1 (1.36)
High school completion <sup>2</sup> .....	65.5 (0.92)	72.0 (0.81)	74.3 (0.78)	77.7 (0.74)	77.0 (0.84)	80.2 (0.91)	73.1 (0.60)	69.0 (0.66)	68.1 (0.72)	67.9 (0.67)	68.7 (0.75)	68.2 (0.73)	70.4 (0.72)	70.1 (0.79)	71.8 (0.70)
Some college, no bachelor's degree <sup>3</sup> .....	71.7 (1.33)	77.8 (1.01)	80.1 (0.97)	81.6 (0.96)	80.5 (0.87)	82.8 (0.90)	79.4 (0.54)	75.9 (0.60)	72.9 (0.57)	73.0 (0.62)	72.7 (0.68)	74.5 (0.74)	76.4 (0.60)	76.6 (0.65)	79.7 (0.54)
Bachelor's or higher degree.....	82.0 (1.04)	85.4 (0.82)	86.6 (0.79)	88.1 (0.76)	88.1 (0.75)	89.0 (0.73)	84.4 (0.52)	84.5 (0.49)	84.0 (0.49)	83.4 (0.45)	84.3 (0.45)	84.0 (0.59)	84.8 (0.48)	85.6 (0.49)	85.8 (0.47)
<b>35 to 44 years old, all education levels.....</b>	<b>70.3 (0.66)</b>	<b>76.5 (0.58)</b>	<b>78.1 (0.54)</b>	<b>81.6 (0.48)</b>	<b>80.2 (0.46)</b>	<b>81.8 (0.45)</b>	<b>79.9 (0.26)</b>	<b>76.7 (0.29)</b>	<b>76.0 (0.30)</b>	<b>76.0 (0.35)</b>	<b>76.9 (0.35)</b>	<b>77.1 (0.40)</b>	<b>78.3 (0.31)</b>	<b>78.5 (0.33)</b>	<b>79.2 (0.31)</b>
Less than high school completion.....	61.4 (1.31)	63.4 (1.39)	60.0 (1.58)	62.5 (1.69)	58.6 (1.66)	64.8 (1.64)	64.9 (0.93)	60.2 (1.01)	58.2 (1.13)	57.5 (1.04)	59.6 (1.13)	61.3 (1.25)	62.3 (0.84)	64.2 (1.00)	64.0 (1.01)
High school completion <sup>2</sup> .....	69.6 (1.02)	76.6 (0.90)	76.6 (0.88)	80.0 (0.80)	78.6 (0.82)	81.0 (0.79)	78.0 (0.52)	72.6 (0.63)	72.4 (0.64)	71.8 (0.64)	72.1 (0.68)	72.6 (0.80)	72.5 (0.63)	72.0 (0.76)	73.8 (0.66)
Some college, no bachelor's degree <sup>3</sup> .....	74.5 (1.74)	80.9 (1.33)	81.6 (1.15)	85.0 (0.93)	83.3 (0.81)	84.4 (0.80)	82.0 (0.48)	78.5 (0.53)	76.9 (0.53)	76.9 (0.62)	78.2 (0.61)	77.3 (0.68)	79.6 (0.53)	79.4 (0.58)	79.7 (0.63)
Bachelor's or higher degree.....	84.5 (1.31)	87.1 (1.00)	88.8 (0.80)	89.5 (0.72)	88.5 (0.71)	87.6 (0.74)	85.9 (0.41)	84.8 (0.42)	84.7 (0.39)	84.8 (0.43)	85.0 (0.41)	85.0 (0.57)	86.7 (0.39)	86.3 (0.39)	86.1 (0.35)
<b>45 to 54 years old, all education levels.....</b>	<b>68.4 (0.65)</b>	<b>71.7 (0.65)</b>	<b>73.5 (0.67)</b>	<b>77.6 (0.62)</b>	<b>78.8 (0.55)</b>	<b>81.2 (0.50)</b>	<b>78.4 (0.32)</b>	<b>75.2 (0.34)</b>	<b>74.7 (0.35)</b>	<b>74.3 (0.32)</b>	<b>74.6 (0.30)</b>	<b>76.2 (0.43)</b>	<b>75.9 (0.33)</b>	<b>77.0 (0.36)</b>	<b>77.3 (0.38)</b>
Less than high school completion.....	59.8 (1.14)	61.8 (1.24)	58.7 (1.52)	60.7 (1.63)	58.4 (1.79)	60.3 (1.89)	59.0 (1.04)	54.0 (1.13)	52.5 (1.05)	51.7 (0.84)	54.7 (1.06)	59.4 (1.50)	56.8 (1.16)	58.8 (1.13)	58.8 (1.22)
High school completion <sup>2</sup> .....	68.8 (1.03)	72.0 (1.02)	74.0 (1.03)	77.5 (0.97)	75.9 (1.01)	78.2 (0.95)	75.1 (0.64)	71.6 (0.53)	71.0 (0.65)	70.1 (0.58)	70.4 (0.62)	70.7 (0.84)	70.9 (0.63)	71.7 (0.68)	72.2 (0.66)
Some college, no bachelor's degree <sup>3</sup> .....	74.7 (1.81)	76.5 (1.72)	79.2 (1.63)	81.9 (1.38)	81.7 (1.03)	83.4 (0.91)	80.4 (0.57)	77.3 (0.58)	77.3 (0.54)	76.6 (0.53)	76.2 (0.53)	77.4 (0.76)	77.1 (0.60)	77.2 (0.71)	78.6 (0.61)
Bachelor's or higher degree.....	87.1 (1.36)	87.3 (1.21)	87.9 (1.16)	89.4 (0.97)	89.5 (0.78)	89.7 (0.71)	87.5 (0.45)	85.2 (0.45)	84.4 (0.45)	84.9 (0.45)	84.7 (0.48)	85.9 (0.54)	85.7 (0.43)	87.1 (0.44)	86.2 (0.46)
<b>55 to 64 years old, all education levels.....</b>	<b>54.6 (0.77)</b>	<b>54.1 (0.73)</b>	<b>52.1 (0.77)</b>	<b>53.4 (0.81)</b>	<b>55.0 (0.82)</b>	<b>58.1 (0.79)</b>	<b>60.8 (0.48)</b>	<b>60.8 (0.42)</b>	<b>60.6 (0.41)</b>	<b>60.2 (0.43)</b>	<b>60.6 (0.41)</b>	<b>60.9 (0.52)</b>	<b>61.9 (0.37)</b>	<b>62.6 (0.37)</b>	<b>63.0 (0.40)</b>
Less than high school completion.....	48.5 (1.11)	43.2 (1.16)	41.8 (1.29)	39.5 (1.46)	38.1 (1.67)	40.4 (1.84)	39.4 (1.13)	38.2 (1.19)	40.0 (1.19)	39.4 (1.15)	39.1 (1.08)	39.6 (1.34)	42.4 (1.12)	43.6 (1.27)	42.5 (1.07)
High school completion <sup>2</sup> .....	56.5 (1.32)	57.5 (1.19)	52.1 (1.22)	54.0 (1.29)	53.7 (1.34)	55.4 (1.34)	55.3 (0.79)	55.8 (0.73)	55.1 (0.71)	54.4 (0.81)	54.6 (0.75)	57.6 (0.90)	56.9 (0.74)	57.7 (0.75)	57.7 (0.73)
Some college, no bachelor's degree <sup>3</sup> .....	62.6 (2.48)	62.5 (2.08)	58.9 (2.21)	60.4 (2.12)	62.0 (1.74)	62.4 (1.64)	64.8 (0.90)	61.6 (0.74)	61.8 (0.76)	61.2 (0.78)	61.2 (0.70)	60.5 (0.99)	63.2 (0.68)	62.7 (0.68)	63.2 (0.70)
Bachelor's or higher degree.....	72.6 (2.34)	71.9 (1.96)	71.3 (1.83)	70.5 (1.79)	70.0 (1.72)	71.9 (1.49)	73.5 (0.74)	72.7 (0.63)	72.0 (0.65)	71.8 (0.71)	73.1 (0.66)	71.7 (0.90)	72.3 (0.62)	73.4 (0.60)	74.4 (0.71)

—Not available.

†Not applicable.

<sup>1</sup>Data for 16- to 19-year-olds and 20- to 24-year-olds exclude persons enrolled in school.

<sup>2</sup>Includes equivalency credentials, such as the GED credential.

<sup>3</sup>Includes persons with no college degree as well as those with an associate's degree.

NOTE: Data are based on sample surveys of the noninstitutionalized population, which excludes persons living in institutions (e.g., prisons or nursing facilities); this table includes only data on the civilian population (excludes all military personnel). For each age group, the employment to population ratio is the number of persons in that age group who are employed as a percentage of the civilian population in that age group.

SOURCE: U.S. Department of Commerce, Census Bureau, Current Population Survey (CPS), Annual Social and Economic Supplement, selected years, 1975 through 2017. (This table was prepared October 2017.)

**Table 501.60. Employment to population ratios of males 16 to 64 years old, by age group and highest level of educational attainment: Selected years, 1975 through 2017**

[Standard errors appear in parentheses]

Age group and highest level of educational attainment	1975	1980	1985	1990	1995	2000	2005	2009	2010	2011	2012	2014	2015	2016	2017
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
<b>16 to 19 years old, all education levels<sup>1</sup>.....</b>	— (†)	— (†)	— (†)	<b>65.3 (2.82)</b>	<b>63.6 (2.87)</b>	<b>69.2 (2.70)</b>	<b>56.2 (2.10)</b>	<b>45.8 (1.77)</b>	<b>44.0 (1.72)</b>	<b>47.0 (1.94)</b>	<b>48.1 (2.00)</b>	<b>51.9 (2.37)</b>	<b>51.2 (1.92)</b>	<b>51.6 (2.00)</b>	<b>58.0 (1.98)</b>
Less than high school completion.....	— (†)	— (†)	— (†)	51.5 (4.20)	50.6 (4.26)	63.1 (4.09)	47.0 (3.07)	34.0 (2.70)	31.5 (2.64)	37.4 (3.03)	34.7 (3.25)	43.6 (3.64)	37.2 (2.72)	36.5 (2.85)	42.6 (3.03)
High school completion <sup>2</sup> .....	— (†)	— (†)	— (†)	78.7 (3.51)	76.1 (3.87)	74.4 (3.77)	63.1 (2.88)	51.1 (2.35)	51.0 (2.37)	51.2 (2.84)	52.5 (2.51)	58.1 (3.28)	58.7 (2.49)	60.5 (3.12)	67.2 (2.66)
At least some college.....	— (†)	— (†)	— (†)	83.1 (13.41)	75.9 (8.99)	77.0 (9.81)	70.4 (5.98)	62.9 (5.37)	61.4 (6.00)	60.2 (5.67)	64.2 (5.72)	57.6 (8.04)	63.9 (4.71)	75.8 (4.64)	74.7 (4.76)
<b>20 to 24 years old, all education levels<sup>1</sup>.....</b>	— (†)	— (†)	— (†)	<b>83.5 (1.10)</b>	<b>81.2 (1.16)</b>	<b>83.3 (1.16)</b>	<b>78.9 (0.86)</b>	<b>70.6 (0.86)</b>	<b>68.4 (0.97)</b>	<b>69.5 (0.84)</b>	<b>72.1 (0.96)</b>	<b>72.4 (1.04)</b>	<b>74.9 (0.98)</b>	<b>75.1 (0.92)</b>	<b>78.4 (0.89)</b>
Less than high school completion.....	— (†)	— (†)	— (†)	70.0 (2.84)	69.3 (2.99)	72.1 (2.93)	69.5 (1.80)	59.2 (2.28)	52.9 (2.06)	57.3 (2.43)	56.6 (2.42)	58.3 (3.16)	60.3 (2.76)	55.3 (2.98)	64.9 (2.88)
High school completion <sup>2</sup> .....	— (†)	— (†)	— (†)	84.6 (1.50)	81.1 (1.73)	82.7 (1.78)	78.0 (1.21)	66.9 (1.38)	66.0 (1.31)	66.2 (1.31)	68.0 (1.43)	66.6 (1.77)	71.1 (1.39)	73.2 (1.41)	75.8 (1.34)
Some college, no bachelor's degree <sup>3</sup> .....	— (†)	— (†)	— (†)	91.8 (1.98)	87.5 (1.97)	92.6 (1.65)	84.6 (1.43)	77.7 (1.69)	74.8 (1.71)	75.2 (1.66)	80.5 (1.59)	78.6 (1.82)	79.9 (1.57)	80.4 (1.71)	83.1 (1.64)
Bachelor's or higher degree.....	— (†)	— (†)	— (†)	94.9 (2.07)	91.1 (2.70)	89.1 (3.07)	90.6 (1.82)	86.4 (1.94)	86.3 (2.04)	84.7 (2.16)	88.7 (1.77)	90.6 (1.93)	90.6 (1.71)	89.0 (1.54)	88.6 (1.70)
<b>25 to 64 years old, all education levels.....</b>	<b>84.6 (0.36)</b>	<b>85.0 (0.34)</b>	<b>83.1 (0.36)</b>	<b>84.5 (0.34)</b>	<b>83.0 (0.34)</b>	<b>84.6 (0.33)</b>	<b>81.9 (0.25)</b>	<b>77.0 (0.25)</b>	<b>76.3 (0.27)</b>	<b>76.3 (0.27)</b>	<b>77.4 (0.25)</b>	<b>78.2 (0.35)</b>	<b>79.4 (0.26)</b>	<b>80.0 (0.25)</b>	<b>80.3 (0.24)</b>
Less than high school completion.....	74.3 (0.77)	72.4 (0.84)	67.6 (0.98)	67.9 (1.04)	64.2 (1.13)	69.6 (1.17)	69.7 (0.70)	61.6 (0.80)	61.2 (0.93)	61.0 (0.81)	63.0 (0.77)	66.3 (1.04)	67.2 (0.75)	68.4 (0.79)	66.5 (0.88)
High school completion <sup>2</sup> .....	87.2 (0.56)	87.0 (0.54)	83.5 (0.58)	85.1 (0.55)	81.9 (0.61)	82.9 (0.61)	78.6 (0.44)	72.1 (0.49)	71.7 (0.50)	71.8 (0.50)	72.6 (0.45)	73.6 (0.59)	74.7 (0.48)	74.7 (0.51)	75.5 (0.50)
Some college, no bachelor's degree <sup>3</sup> .....	88.8 (0.83)	88.3 (0.73)	87.1 (0.75)	87.9 (0.70)	86.1 (0.63)	86.1 (0.63)	83.7 (0.44)	78.1 (0.41)	76.6 (0.42)	75.9 (0.45)	77.3 (0.43)	77.5 (0.59)	79.6 (0.48)	79.2 (0.48)	80.2 (0.42)
Bachelor's or higher degree.....	93.8 (0.55)	93.6 (0.48)	92.4 (0.50)	92.5 (0.48)	91.4 (0.48)	91.8 (0.47)	89.4 (0.35)	87.6 (0.34)	86.9 (0.33)	86.9 (0.35)	87.5 (0.33)	87.7 (0.42)	88.0 (0.32)	89.3 (0.33)	89.1 (0.35)
<b>25 to 34 years old, all education levels.....</b>	<b>87.4 (0.59)</b>	<b>88.1 (0.52)</b>	<b>86.9 (0.54)</b>	<b>87.9 (0.52)</b>	<b>87.1 (0.55)</b>	<b>89.4 (0.55)</b>	<b>84.6 (0.40)</b>	<b>79.1 (0.46)</b>	<b>78.4 (0.48)</b>	<b>78.5 (0.51)</b>	<b>80.1 (0.48)</b>	<b>80.9 (0.56)</b>	<b>83.2 (0.44)</b>	<b>83.4 (0.50)</b>	<b>83.7 (0.51)</b>
Less than high school completion.....	76.2 (1.78)	76.3 (1.80)	75.1 (1.87)	75.6 (1.77)	73.7 (1.91)	78.4 (2.04)	78.1 (1.23)	66.2 (1.45)	66.6 (1.42)	66.3 (1.47)	70.1 (1.51)	73.1 (1.88)	73.1 (1.59)	75.0 (1.69)	69.5 (1.86)
High school completion <sup>2</sup> .....	88.4 (0.93)	88.4 (0.86)	86.1 (0.88)	88.6 (0.80)	86.6 (0.94)	89.1 (0.98)	81.7 (0.77)	73.4 (0.87)	73.0 (0.85)	74.3 (0.91)	76.5 (0.90)	77.2 (0.93)	79.6 (0.87)	77.6 (0.97)	79.9 (0.86)
Some college, no bachelor's degree <sup>3</sup> .....	87.7 (1.31)	88.5 (1.06)	89.7 (1.04)	89.7 (1.08)	89.6 (0.98)	90.7 (1.02)	86.4 (0.82)	81.4 (0.82)	78.7 (0.83)	77.5 (0.90)	78.2 (0.97)	79.1 (1.25)	83.0 (0.86)	83.0 (0.90)	84.8 (0.80)
Bachelor's or higher degree.....	93.5 (0.87)	93.4 (0.76)	92.2 (0.85)	93.1 (0.83)	93.0 (0.83)	93.6 (0.82)	89.6 (0.69)	89.5 (0.68)	89.2 (0.74)	89.0 (0.70)	89.3 (0.67)	88.8 (0.78)	89.6 (0.59)	91.1 (0.59)	89.8 (0.68)
<b>35 to 44 years old, all education levels.....</b>	<b>90.1 (0.61)</b>	<b>91.1 (0.55)</b>	<b>89.1 (0.57)</b>	<b>90.2 (0.52)</b>	<b>86.8 (0.55)</b>	<b>88.8 (0.52)</b>	<b>87.2 (0.37)</b>	<b>82.7 (0.41)</b>	<b>82.3 (0.42)</b>	<b>82.4 (0.43)</b>	<b>83.3 (0.43)</b>	<b>83.8 (0.56)</b>	<b>85.6 (0.42)</b>	<b>85.9 (0.49)</b>	<b>86.6 (0.46)</b>
Less than high school completion.....	81.6 (1.48)	80.1 (1.65)	74.6 (1.99)	73.9 (2.13)	66.7 (2.15)	76.5 (2.00)	75.9 (1.26)	69.4 (1.47)	69.5 (1.61)	70.9 (1.59)	70.6 (1.47)	73.9 (1.75)	76.9 (1.24)	77.3 (1.48)	77.0 (1.42)
High school completion <sup>2</sup> .....	91.3 (0.95)	92.3 (0.85)	88.6 (1.00)	89.1 (0.91)	85.9 (0.98)	87.1 (0.93)	83.7 (0.71)	77.6 (0.80)	77.6 (0.92)	76.8 (0.83)	78.2 (0.97)	78.2 (1.17)	80.4 (0.82)	80.2 (1.09)	81.9 (0.89)
Some college, no bachelor's degree <sup>3</sup> .....	93.8 (1.34)	93.8 (1.13)	90.2 (1.25)	92.6 (0.97)	88.8 (0.99)	90.2 (0.95)	89.4 (0.60)	83.9 (0.74)	82.7 (0.73)	83.1 (0.86)	83.9 (0.76)	83.9 (1.04)	85.4 (0.85)	85.6 (0.85)	85.9 (0.89)
Bachelor's or higher degree.....	97.0 (0.77)	97.1 (0.65)	96.3 (0.62)	96.3 (0.59)	95.1 (0.66)	95.1 (0.67)	94.6 (0.45)	92.3 (0.56)	91.9 (0.55)	91.4 (0.51)	92.2 (0.51)	92.4 (0.75)	93.6 (0.53)	93.6 (0.52)	93.6 (0.47)
<b>45 to 54 years old, all education levels.....</b>	<b>86.6 (0.68)</b>	<b>87.4 (0.67)</b>	<b>85.8 (0.76)</b>	<b>87.1 (0.70)</b>	<b>84.9 (0.68)</b>	<b>86.5 (0.62)</b>	<b>83.9 (0.45)</b>	<b>78.8 (0.44)</b>	<b>78.3 (0.50)</b>	<b>78.9 (0.45)</b>	<b>79.9 (0.44)</b>	<b>81.8 (0.61)</b>	<b>81.3 (0.46)</b>	<b>82.7 (0.46)</b>	<b>82.8 (0.48)</b>
Less than high school completion.....	78.2 (1.34)	79.6 (1.42)	73.2 (1.90)	74.3 (2.05)	66.4 (2.41)	68.5 (2.52)	69.9 (1.55)	61.4 (1.50)	58.8 (1.48)	58.6 (1.25)	62.5 (1.45)	67.3 (1.96)	65.0 (1.56)	68.8 (1.55)	68.3 (1.81)
High school completion <sup>2</sup> .....	90.3 (1.01)	89.3 (1.08)	87.3 (1.18)	87.5 (1.15)	82.1 (1.35)	84.6 (1.21)	80.7 (0.86)	74.2 (0.80)	74.6 (0.91)	75.4 (0.78)	75.2 (0.88)	76.4 (1.12)	76.7 (0.86)	78.1 (0.85)	77.9 (0.86)
Some college, no bachelor's degree <sup>3</sup> .....	91.0 (1.66)	89.4 (1.78)	89.3 (1.76)	88.9 (1.58)	87.2 (1.29)	86.4 (1.18)	84.5 (0.84)	80.1 (0.84)	79.4 (0.80)	79.2 (0.81)	81.9 (0.74)	83.5 (0.95)	82.4 (0.87)	82.4 (0.86)	83.3 (0.89)
Bachelor's or higher degree.....	95.6 (1.02)	96.0 (0.88)	94.8 (1.00)	95.2 (0.88)	93.8 (0.80)	94.6 (0.72)	92.2 (0.53)	90.2 (0.58)	89.4 (0.58)	90.5 (0.53)	90.2 (0.60)	91.4 (0.65)	91.2 (0.50)	92.5 (0.53)	92.0 (0.56)
<b>55 to 64 years old, all education levels.....</b>	<b>71.3 (1.00)</b>	<b>69.7 (0.98)</b>	<b>64.6 (1.05)</b>	<b>64.0 (1.12)</b>	<b>63.2 (1.13)</b>	<b>64.9 (1.09)</b>	<b>67.3 (0.66)</b>	<b>65.2 (0.59)</b>	<b>64.4 (0.61)</b>	<b>64.1 (0.61)</b>	<b>65.1 (0.58)</b>	<b>65.7 (0.76)</b>	<b>67.1 (0.53)</b>	<b>67.7 (0.51)</b>	<b>67.9 (0.55)</b>
Less than high school completion.....	64.5 (1.51)	58.3 (1.65)	53.4 (1.85)	49.6 (2.13)	46.9 (2.46)	51.2 (2.71)	48.8 (1.70)	44.3 (1.75)	45.0 (1.81)	45.2 (1.68)	44.6 (1.48)	48.4 (1.96)	52.6 (1.61)	51.9 (1.84)	50.3 (1.59)
High school completion <sup>2</sup> .....	74.9 (1.73)	74.6 (1.61)	66.1 (1.80)	66.0 (1.89)	62.7 (1.99)	61.0 (1.97)	61.8 (1.15)	59.3 (1.19)	58.5 (1.12)	58.2 (1.12)	59.1 (1.05)	62.6 (1.34)	62.2 (1.03)	63.1 (0.99)	63.4 (1.09)
Some college, no bachelor's degree <sup>3</sup> .....	80.8 (2.87)	77.2 (2.53)	67.5 (3.01)	67.7 (2.93)	67.8 (2.41)	66.6 (2.31)	69.6 (1.31)	64.5 (1.06)	63.9 (1.10)	63.0 (1.08)	64.3 (1.11)	63.3 (1.29)	67.6 (1.00)	65.9 (1.06)	66.4 (1.09)
Bachelor's or higher degree.....	84.1 (2.52)	83.8 (2.04)	80.7 (1.98)	77.9 (2.03)	74.9 (2.04)	77.0 (1.82)	78.6 (0.89)	77.4 (0.83)	76.2 (0.82)	76.3 (0.84)	77.7 (0.85)	77.2 (1.18)	76.8 (0.87)	79.2 (0.78)	79.8 (0.95)

—Not available.

†Not applicable.

<sup>1</sup>Data for 16- to 19-year-olds and 20- to 24-year-olds exclude persons enrolled in school.

<sup>2</sup>Includes equivalency credentials, such as the GED credential.

<sup>3</sup>Includes persons with no college degree as well as those with an associate's degree.

NOTE: Data are based on sample surveys of the noninstitutionalized population, which excludes persons living in institutions (e.g., prisons or nursing facilities); this table includes only data on the civilian population (excludes all military personnel). For each age group, the employment to population ratio of males is the number of males in that age group who are employed as a percentage of the male civilian population in that age group.

SOURCE: U.S. Department of Commerce, Census Bureau, Current Population Survey (CPS), Annual Social and Economic Supplement, selected years, 1975 through 2017. (This table was prepared October 2017.)

**Table 501.70. Employment to population ratios of females 16 to 64 years old, by age group and highest level of educational attainment: Selected years, 1975 through 2017**  
[Standard errors appear in parentheses]

Age group and highest level of educational attainment	1975	1980	1985	1990	1995	2000	2005	2009	2010	2011	2012	2014	2015	2016	2017
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
<b>16 to 19 years old, all education levels<sup>1</sup>.....</b>	— (†)	— (†)	— (†)	<b>56.6 (2.72)</b>	<b>52.2 (2.93)</b>	<b>55.1 (2.98)</b>	<b>51.0 (1.88)</b>	<b>47.7 (1.81)</b>	<b>42.3 (1.88)</b>	<b>42.3 (2.14)</b>	<b>43.1 (2.03)</b>	<b>50.0 (2.39)</b>	<b>46.9 (1.88)</b>	<b>48.9 (2.01)</b>	<b>54.6 (2.24)</b>
Less than high school completion.....	— (†)	— (†)	— (†)	36.0 (4.13)	36.5 (4.23)	38.9 (4.42)	30.3 (2.72)	27.3 (2.57)	26.8 (2.75)	23.5 (2.92)	22.6 (2.88)	34.5 (3.67)	33.3 (2.82)	34.4 (2.84)	36.0 (3.24)
High school completion <sup>2</sup> .....	— (†)	— (†)	— (†)	70.5 (3.38)	64.1 (4.22)	65.2 (4.22)	67.0 (2.60)	56.7 (2.54)	51.2 (2.99)	49.1 (2.91)	55.2 (2.97)	59.0 (3.35)	52.8 (2.83)	56.5 (2.90)	65.6 (3.00)
At least some college.....	— (†)	— (†)	— (†)	73.1 (11.73)	68.3 (8.37)	79.1 (7.56)	63.6 (6.23)	67.6 (4.82)	54.4 (5.29)	62.5 (5.31)	64.3 (5.68)	63.0 (7.14)	67.7 (5.08)	64.5 (5.00)	65.0 (5.75)
<b>20 to 24 years old, all education levels<sup>1</sup>.....</b>	— (†)	— (†)	— (†)	<b>68.2 (1.29)</b>	<b>66.3 (1.34)</b>	<b>71.5 (1.35)</b>	<b>67.0 (1.01)</b>	<b>65.8 (0.94)</b>	<b>62.4 (1.01)</b>	<b>64.1 (0.92)</b>	<b>65.0 (0.94)</b>	<b>66.3 (1.06)</b>	<b>67.7 (0.88)</b>	<b>69.2 (0.87)</b>	<b>73.2 (0.89)</b>
Less than high school completion.....	— (†)	— (†)	— (†)	36.7 (3.08)	33.6 (3.18)	46.2 (3.57)	38.5 (2.20)	38.6 (2.32)	33.3 (2.50)	33.2 (2.31)	36.2 (2.84)	30.5 (3.57)	42.0 (3.18)	38.3 (2.77)	39.5 (3.09)
High school completion <sup>2</sup> .....	— (†)	— (†)	— (†)	68.8 (1.84)	62.2 (2.19)	70.0 (2.15)	65.0 (1.47)	59.9 (1.53)	55.6 (1.43)	58.5 (1.77)	59.2 (1.55)	60.2 (1.86)	61.6 (1.41)	64.4 (1.56)	66.9 (1.54)
Some college, no bachelor's degree <sup>3</sup> .....	— (†)	— (†)	— (†)	80.9 (2.39)	80.3 (2.12)	81.4 (2.23)	76.6 (1.72)	72.4 (1.67)	71.2 (1.65)	71.2 (1.47)	70.6 (1.64)	71.6 (1.89)	72.9 (1.54)	73.0 (1.49)	77.6 (1.38)
Bachelor's or higher degree.....	— (†)	— (†)	— (†)	92.0 (2.12)	90.8 (2.19)	86.9 (2.61)	88.4 (1.53)	87.7 (1.60)	86.7 (1.67)	85.5 (1.81)	86.4 (1.53)	86.3 (1.96)	87.6 (1.42)	87.5 (1.54)	89.8 (1.30)
<b>25 to 64 years old, all education levels.....</b>	<b>48.5 (0.46)</b>	<b>56.5 (0.44)</b>	<b>60.8 (0.43)</b>	<b>66.0 (0.42)</b>	<b>68.3 (0.40)</b>	<b>71.2 (0.39)</b>	<b>68.4 (0.23)</b>	<b>67.6 (0.24)</b>	<b>66.9 (0.23)</b>	<b>66.2 (0.24)</b>	<b>66.3 (0.25)</b>	<b>66.6 (0.32)</b>	<b>67.1 (0.24)</b>	<b>67.8 (0.24)</b>	<b>68.8 (0.24)</b>
Less than high school completion.....	37.7 (0.80)	39.8 (0.86)	39.1 (0.97)	41.8 (1.06)	43.2 (1.15)	45.8 (1.24)	43.4 (0.72)	41.9 (0.67)	41.6 (0.81)	39.7 (0.71)	41.6 (0.89)	41.5 (0.89)	40.5 (0.81)	43.2 (0.84)	43.1 (0.90)
High school completion <sup>2</sup> .....	50.1 (0.70)	58.2 (0.65)	60.8 (0.65)	65.6 (0.64)	65.7 (0.69)	68.6 (0.70)	64.2 (0.44)	63.2 (0.42)	61.9 (0.44)	60.1 (0.51)	60.0 (0.49)	59.7 (0.58)	59.1 (0.48)	59.5 (0.54)	60.2 (0.50)
Some college, no bachelor's degree <sup>3</sup> .....	53.8 (1.30)	63.7 (1.07)	69.0 (0.98)	73.2 (0.88)	73.8 (0.71)	76.0 (0.70)	72.8 (0.42)	70.4 (0.44)	69.4 (0.45)	69.1 (0.37)	67.9 (0.43)	68.3 (0.58)	69.3 (0.45)	69.3 (0.43)	71.0 (0.42)
Bachelor's or higher degree.....	65.6 (1.29)	71.8 (1.01)	76.7 (0.88)	79.8 (0.78)	80.8 (0.71)	80.8 (0.66)	78.1 (0.40)	77.3 (0.38)	76.9 (0.36)	76.6 (0.39)	77.2 (0.38)	77.1 (0.47)	78.2 (0.35)	78.4 (0.33)	78.8 (0.35)
<b>25 to 34 years old, all education levels.....</b>	<b>49.3 (0.83)</b>	<b>61.6 (0.73)</b>	<b>65.9 (0.72)</b>	<b>69.6 (0.70)</b>	<b>70.2 (0.71)</b>	<b>74.1 (0.74)</b>	<b>69.0 (0.48)</b>	<b>69.3 (0.51)</b>	<b>68.0 (0.44)</b>	<b>67.5 (0.42)</b>	<b>67.7 (0.44)</b>	<b>68.2 (0.55)</b>	<b>69.0 (0.51)</b>	<b>70.3 (0.51)</b>	<b>72.6 (0.50)</b>
Less than high school completion.....	33.7 (1.74)	42.3 (1.91)	38.7 (2.05)	42.5 (2.12)	43.5 (2.25)	47.6 (2.56)	42.7 (1.44)	39.5 (1.50)	40.2 (1.35)	37.5 (1.55)	38.9 (1.69)	40.2 (1.86)	36.5 (1.73)	41.2 (1.73)	41.5 (1.81)
High school completion <sup>2</sup> .....	48.1 (1.22)	59.4 (1.12)	63.9 (1.11)	67.5 (1.11)	67.2 (1.27)	70.7 (1.43)	62.5 (0.99)	63.2 (0.98)	61.4 (1.14)	59.5 (0.94)	59.1 (1.05)	56.3 (1.19)	58.6 (1.08)	60.4 (1.11)	61.5 (1.13)
Some college, no bachelor's degree <sup>3</sup> .....	53.6 (2.06)	66.3 (1.58)	71.0 (1.46)	74.5 (1.40)	73.0 (1.26)	76.3 (1.31)	73.0 (0.81)	70.8 (0.86)	67.7 (0.80)	69.1 (0.79)	67.7 (0.90)	70.3 (0.91)	70.6 (0.83)	70.9 (0.90)	74.9 (0.78)
Bachelor's or higher degree.....	66.3 (1.88)	75.5 (1.42)	80.6 (1.26)	83.2 (1.18)	83.4 (1.16)	84.7 (1.11)	80.1 (0.72)	80.7 (0.73)	79.9 (0.63)	78.8 (0.60)	80.3 (0.63)	80.2 (0.77)	80.9 (0.67)	81.1 (0.70)	82.5 (0.63)
<b>35 to 44 years old, all education levels.....</b>	<b>51.9 (0.95)</b>	<b>62.8 (0.87)</b>	<b>67.7 (0.80)</b>	<b>73.3 (0.72)</b>	<b>73.8 (0.68)</b>	<b>75.1 (0.67)</b>	<b>72.8 (0.38)</b>	<b>70.9 (0.42)</b>	<b>69.9 (0.42)</b>	<b>69.8 (0.48)</b>	<b>70.7 (0.48)</b>	<b>70.7 (0.57)</b>	<b>71.3 (0.42)</b>	<b>71.5 (0.43)</b>	<b>72.1 (0.43)</b>
Less than high school completion.....	42.8 (1.76)	48.2 (1.90)	46.4 (2.13)	51.0 (2.35)	49.7 (2.33)	52.5 (2.35)	51.5 (1.33)	48.9 (1.47)	44.8 (1.54)	42.5 (1.41)	47.0 (1.49)	45.6 (1.61)	45.5 (1.44)	49.1 (1.56)	48.6 (1.71)
High school completion <sup>2</sup> .....	53.9 (1.38)	64.7 (1.28)	67.8 (1.22)	72.7 (1.13)	71.7 (1.19)	74.7 (1.18)	71.6 (0.74)	66.9 (0.94)	66.3 (0.87)	65.8 (0.87)	64.9 (1.02)	65.8 (1.07)	62.8 (0.99)	61.8 (1.00)	63.7 (1.00)
Some college, no bachelor's degree <sup>3</sup> .....	55.1 (2.67)	67.8 (2.14)	73.6 (1.73)	77.9 (1.44)	78.5 (1.16)	79.4 (1.16)	76.1 (0.67)	74.0 (0.79)	72.2 (0.74)	71.8 (0.87)	73.4 (0.85)	71.7 (1.06)	74.5 (0.70)	73.9 (0.83)	74.2 (0.82)
Bachelor's or higher degree.....	63.2 (2.73)	73.0 (1.97)	78.5 (1.53)	81.2 (1.30)	81.5 (1.19)	80.2 (1.20)	78.1 (0.66)	78.1 (0.61)	78.3 (0.59)	78.9 (0.68)	78.8 (0.64)	79.0 (0.80)	81.0 (0.57)	80.4 (0.55)	80.1 (0.58)
<b>45 to 54 years old, all education levels.....</b>	<b>51.5 (0.93)</b>	<b>57.1 (0.94)</b>	<b>62.1 (0.98)</b>	<b>68.6 (0.92)</b>	<b>72.9 (0.80)</b>	<b>76.0 (0.73)</b>	<b>73.2 (0.40)</b>	<b>71.8 (0.46)</b>	<b>71.3 (0.44)</b>	<b>70.0 (0.44)</b>	<b>69.6 (0.42)</b>	<b>70.8 (0.58)</b>	<b>70.8 (0.46)</b>	<b>71.6 (0.48)</b>	<b>72.2 (0.52)</b>
Less than high school completion.....	41.5 (1.55)	43.9 (1.71)	44.3 (2.06)	47.6 (2.22)	50.6 (2.43)	52.3 (2.57)	47.8 (1.40)	45.5 (1.47)	45.2 (1.61)	44.1 (1.25)	45.8 (1.53)	49.6 (2.11)	47.3 (1.50)	47.2 (1.49)	47.7 (1.67)
High school completion <sup>2</sup> .....	53.8 (1.37)	60.2 (1.37)	64.2 (1.41)	69.9 (1.35)	71.1 (1.36)	72.9 (1.33)	69.5 (0.83)	68.8 (0.85)	67.1 (0.72)	64.4 (0.89)	65.5 (0.82)	64.8 (1.17)	64.5 (0.93)	64.7 (0.97)	65.6 (0.96)
Some college, no bachelor's degree <sup>3</sup> .....	58.1 (2.78)	64.7 (2.56)	69.7 (2.45)	75.2 (2.08)	76.9 (1.46)	80.6 (1.28)	76.9 (0.72)	75.0 (0.73)	75.5 (0.74)	74.4 (0.71)	71.4 (0.77)	72.6 (1.03)	72.8 (0.80)	73.0 (0.95)	74.8 (0.82)
Bachelor's or higher degree.....	72.2 (2.87)	72.3 (2.55)	77.3 (2.24)	81.8 (1.76)	83.8 (1.36)	84.5 (1.17)	82.8 (0.72)	80.5 (0.69)	79.7 (0.69)	79.6 (0.68)	79.6 (0.72)	80.6 (0.83)	80.8 (0.63)	82.3 (0.66)	81.0 (0.71)
<b>55 to 64 years old, all education levels.....</b>	<b>39.7 (0.99)</b>	<b>40.5 (0.94)</b>	<b>41.1 (0.99)</b>	<b>44.0 (1.05)</b>	<b>47.5 (1.08)</b>	<b>51.9 (1.06)</b>	<b>54.8 (0.61)</b>	<b>56.7 (0.55)</b>	<b>57.1 (0.53)</b>	<b>56.4 (0.51)</b>	<b>56.5 (0.57)</b>	<b>56.4 (0.63)</b>	<b>57.0 (0.49)</b>	<b>57.9 (0.52)</b>	<b>58.4 (0.52)</b>
Less than high school completion.....	33.5 (1.39)	29.4 (1.41)	31.2 (1.60)	30.5 (1.80)	30.3 (2.07)	30.9 (2.26)	30.5 (1.33)	32.1 (1.47)	35.1 (1.54)	33.6 (1.46)	34.0 (1.57)	30.4 (1.69)	32.1 (1.42)	34.9 (1.53)	34.8 (1.37)
High school completion <sup>2</sup> .....	42.6 (1.65)	45.8 (1.48)	42.8 (1.48)	45.7 (1.60)	47.5 (1.66)	51.3 (1.69)	50.5 (0.95)	52.9 (0.97)	52.2 (0.92)	51.1 (0.95)	50.6 (0.97)	52.9 (1.09)	51.8 (0.99)	52.6 (1.06)	52.2 (0.93)
Some college, no bachelor's degree <sup>3</sup> .....	45.9 (3.37)	48.2 (2.87)	51.1 (2.95)	54.1 (2.81)	57.0 (2.32)	58.8 (2.17)	60.9 (1.06)	59.1 (1.02)	59.9 (1.08)	59.6 (1.08)	58.7 (1.01)	58.2 (1.19)	59.4 (0.92)	60.0 (0.94)	60.6 (0.93)
Bachelor's or higher degree.....	57.8 (3.72)	54.0 (3.27)	55.1 (3.18)	58.6 (2.98)	61.9 (2.81)	65.1 (2.28)	67.5 (1.22)	67.5 (0.96)	67.5 (0.98)	67.0 (1.04)	68.3 (1.03)	66.6 (1.25)	68.1 (0.86)	68.1 (0.90)	69.5 (0.94)

—Not available.

†Not applicable.

<sup>1</sup>Data for 16- to 19-year-olds and 20- to 24-year-olds exclude persons enrolled in school.

<sup>2</sup>Includes equivalency credentials, such as the GED credential.

<sup>3</sup>Includes persons with no college degree as well as those with an associate's degree.

NOTE: Data are based on sample surveys of the noninstitutionalized population, which excludes persons living in institutions (e.g., prisons or nursing facilities); this table includes only data on the civilian population (excludes all military personnel). For each age group, the employment to population ratio of females is the number of females in that age group who are employed as a percentage of the female civilian population in that age group.

SOURCE: U.S. Department of Commerce, Census Bureau, Current Population Survey (CPS), Annual Social and Economic Supplement, selected years, 1975 through 2017. (This table was prepared October 2017.)

**Table 501.80. Unemployment rates of persons 16 to 64 years old, by age group and highest level of educational attainment: Selected years, 1975 through 2017**

[Standard errors appear in parentheses]

Age group and highest level of educational attainment	1975	1980	1985	1990	1995	2000	2002	2004	2006	2010	2012	2014	2015	2016	2017
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
<b>16 to 19 years old, all education levels<sup>1</sup>.....</b>	— (†)	— (†)	— (†)	<b>17.0 (1.83)</b>	<b>21.0 (2.06)</b>	<b>17.2 (1.89)</b>	<b>22.3 (1.50)</b>	<b>20.9 (1.63)</b>	<b>20.6 (1.18)</b>	<b>31.9 (1.59)</b>	<b>30.6 (1.57)</b>	<b>22.9 (1.83)</b>	<b>22.5 (1.35)</b>	<b>20.2 (1.37)</b>	<b>14.8 (1.39)</b>
Less than high school completion.....	— (†)	— (†)	— (†)	26.2 (3.54)	30.3 (3.67)	21.4 (3.23)	28.2 (2.58)	27.5 (2.90)	25.8 (2.24)	41.7 (3.14)	41.1 (3.01)	22.9 (3.38)	25.6 (2.67)	21.6 (2.39)	21.7 (2.91)
High school completion <sup>2</sup> .....	— (†)	— (†)	— (†)	11.7 (2.05)	15.1 (2.59)	15.3 (2.54)	18.7 (1.98)	17.6 (2.13)	17.6 (1.43)	29.6 (2.08)	28.7 (2.00)	25.0 (2.32)	23.3 (1.90)	22.0 (2.02)	12.6 (1.44)
At least some college.....	— (†)	— (†)	— (†)	†! (†)	12.4! (5.19)	†! (†)	17.3 (4.29)	12.6! (4.13)	17.7 (3.54)	18.1 (3.65)	19.6 (3.83)	15.1 (4.16)	13.2 (2.96)	11.8 (2.75)	9.2 (2.59)
<b>20 to 24 years old, all education levels<sup>1</sup>.....</b>	— (†)	— (†)	— (†)	<b>8.2 (0.63)</b>	<b>10.7 (0.72)</b>	<b>9.2 (0.70)</b>	<b>12.5 (0.57)</b>	<b>11.6 (0.55)</b>	<b>9.3 (0.46)</b>	<b>18.8 (0.66)</b>	<b>15.5 (0.55)</b>	<b>14.9 (0.70)</b>	<b>12.3 (0.53)</b>	<b>10.5 (0.53)</b>	<b>8.1 (0.43)</b>
Less than high school completion.....	— (†)	— (†)	— (†)	17.4 (2.15)	19.5 (2.37)	16.6 (2.18)	21.2 (1.64)	16.0 (1.50)	15.7 (1.34)	32.3 (1.80)	27.6 (2.12)	25.3 (2.75)	19.9 (1.99)	17.3 (2.05)	16.0 (2.10)
High school completion <sup>2</sup> .....	— (†)	— (†)	— (†)	7.8 (0.88)	12.0 (1.18)	10.0 (1.12)	12.9 (0.89)	13.4 (0.91)	10.4 (0.70)	22.3 (0.95)	18.3 (0.96)	18.9 (1.18)	15.8 (0.92)	12.2 (0.92)	9.7 (0.80)
Some college, no bachelor's degree <sup>3</sup> .....	— (†)	— (†)	— (†)	4.8 (1.09)	7.3 (1.13)	5.2 (1.02)	10.1 (1.03)	8.6 (0.95)	7.1 (0.68)	14.2 (1.07)	12.7 (0.89)	12.2 (1.16)	9.6 (0.89)	9.9 (0.87)	6.4 (0.75)
Bachelor's or higher degree.....	— (†)	— (†)	— (†)	3.1! (1.12)	4.1! (1.26)	5.0 (1.43)	4.5 (0.95)	6.7 (1.09)	3.9 (0.72)	7.9 (1.15)	6.0 (0.95)	6.7 (1.09)	5.1 (0.72)	4.9 (0.81)	4.7 (0.76)
<b>25 to 64 years old, all education levels.....</b>	<b>6.8 (0.21)</b>	<b>5.0 (0.17)</b>	<b>6.1 (0.18)</b>	<b>3.6 (0.14)</b>	<b>4.8 (0.15)</b>	<b>3.3 (0.13)</b>	<b>5.0 (0.11)</b>	<b>5.1 (0.11)</b>	<b>4.1 (0.09)</b>	<b>9.1 (0.13)</b>	<b>7.4 (0.11)</b>	<b>5.8 (0.14)</b>	<b>4.7 (0.10)</b>	<b>4.4 (0.09)</b>	<b>3.9 (0.09)</b>
Less than high school completion.....	10.5 (0.49)	8.4 (0.48)	11.4 (0.61)	7.7 (0.55)	10.0 (0.66)	7.9 (0.63)	10.2 (0.49)	10.5 (0.50)	8.3 (0.41)	16.8 (0.54)	14.3 (0.49)	10.6 (0.63)	9.2 (0.44)	8.1 (0.42)	8.3 (0.47)
High school completion <sup>2</sup> .....	6.8 (0.34)	5.1 (0.27)	6.9 (0.31)	3.8 (0.23)	5.2 (0.28)	3.8 (0.25)	6.1 (0.22)	5.9 (0.22)	4.7 (0.16)	12.1 (0.26)	9.2 (0.25)	7.4 (0.29)	6.2 (0.21)	6.1 (0.24)	5.2 (0.18)
Some college, no bachelor's degree <sup>3</sup> .....	5.5 (0.50)	4.3 (0.38)	4.7 (0.37)	3.1 (0.29)	4.5 (0.29)	3.0 (0.24)	4.5 (0.20)	4.9 (0.21)	3.9 (0.17)	8.8 (0.23)	7.9 (0.24)	6.1 (0.27)	4.9 (0.16)	4.5 (0.17)	3.8 (0.16)
Bachelor's or higher degree.....	2.4 (0.30)	1.9 (0.23)	2.4 (0.24)	1.7 (0.19)	2.5 (0.21)	1.5 (0.26)	2.8 (0.15)	2.9 (0.15)	2.3 (0.11)	4.7 (0.15)	4.1 (0.14)	3.4 (0.16)	2.4 (0.11)	2.4 (0.12)	2.3 (0.11)
<b>25 to 34 years old, all education levels.....</b>	<b>8.6 (0.41)</b>	<b>6.8 (0.32)</b>	<b>7.3 (0.33)</b>	<b>4.8 (0.27)</b>	<b>5.8 (0.30)</b>	<b>4.0 (0.27)</b>	<b>6.4 (0.24)</b>	<b>6.4 (0.24)</b>	<b>5.5 (0.19)</b>	<b>10.8 (0.28)</b>	<b>9.2 (0.26)</b>	<b>7.4 (0.30)</b>	<b>5.9 (0.20)</b>	<b>5.6 (0.22)</b>	<b>4.9 (0.20)</b>
Less than high school completion.....	17.2 (1.36)	13.7 (1.24)	15.5 (1.38)	12.0 (1.21)	12.9 (1.32)	10.3 (1.33)	13.0 (0.98)	12.4 (0.97)	11.0 (0.84)	20.3 (1.02)	16.8 (1.09)	13.7 (1.24)	12.5 (1.01)	13.1 (0.97)	13.2 (1.16)
High school completion <sup>2</sup> .....	9.4 (0.67)	7.9 (0.55)	9.1 (0.57)	5.1 (0.44)	6.8 (0.56)	4.8 (0.54)	9.1 (0.53)	7.9 (0.50)	6.5 (0.40)	15.9 (0.62)	12.8 (0.57)	10.5 (0.68)	8.9 (0.50)	8.6 (0.52)	7.2 (0.44)
Some college, no bachelor's degree <sup>3</sup> .....	6.7 (0.85)	6.0 (0.64)	5.4 (0.60)	3.8 (0.51)	5.0 (0.52)	3.6 (0.49)	4.9 (0.40)	6.4 (0.45)	5.3 (0.35)	10.6 (0.44)	10.1 (0.51)	7.8 (0.52)	6.5 (0.39)	5.6 (0.41)	4.4 (0.34)
Bachelor's or higher degree.....	2.9 (0.50)	2.5 (0.39)	2.8 (0.41)	1.9 (0.34)	2.7 (0.40)	1.6 (0.31)	3.1 (0.30)	2.9 (0.29)	2.8 (0.25)	4.5 (0.28)	4.1 (0.28)	3.7 (0.30)	2.4 (0.20)	2.4 (0.23)	2.5 (0.22)
<b>35 to 44 years old, all education levels.....</b>	<b>6.4 (0.41)</b>	<b>4.3 (0.31)</b>	<b>5.6 (0.33)</b>	<b>3.3 (0.24)</b>	<b>4.6 (0.27)</b>	<b>3.5 (0.23)</b>	<b>5.0 (0.20)</b>	<b>5.3 (0.21)</b>	<b>4.1 (0.17)</b>	<b>9.2 (0.24)</b>	<b>7.1 (0.22)</b>	<b>5.7 (0.24)</b>	<b>4.4 (0.17)</b>	<b>4.1 (0.18)</b>	<b>4.0 (0.16)</b>
Less than high school completion.....	11.2 (1.02)	9.0 (1.00)	12.4 (1.29)	8.3 (1.17)	10.5 (1.28)	8.4 (1.14)	10.1 (0.87)	11.1 (0.90)	8.6 (0.70)	17.8 (1.07)	14.1 (0.88)	11.5 (1.08)	8.4 (0.74)	6.2 (0.66)	6.9 (0.61)
High school completion <sup>2</sup> .....	5.7 (0.60)	4.2 (0.48)	6.1 (0.55)	3.7 (0.41)	5.1 (0.48)	3.9 (0.43)	6.0 (0.38)	6.1 (0.40)	5.1 (0.31)	11.9 (0.51)	9.1 (0.48)	7.4 (0.48)	6.3 (0.41)	6.6 (0.44)	5.7 (0.41)
Some college, no bachelor's degree <sup>3</sup> .....	4.6 (0.95)	3.1 (0.64)	4.8 (0.69)	2.8 (0.47)	4.7 (0.49)	3.1 (0.41)	4.7 (0.36)	4.9 (0.38)	3.7 (0.32)	9.2 (0.42)	7.4 (0.44)	6.1 (0.49)	4.5 (0.31)	4.5 (0.35)	4.4 (0.35)
Bachelor's or higher degree.....	2.3 (0.59)	1.6 (0.41)	2.2 (0.39)	1.6 (0.31)	2.2 (0.34)	1.8 (0.31)	2.6 (0.26)	2.8 (0.27)	2.0 (0.19)	4.6 (0.26)	3.6 (0.26)	2.8 (0.30)	2.1 (0.20)	2.0 (0.16)	2.3 (0.21)
<b>45 to 54 years old, all education levels.....</b>	<b>5.9 (0.39)</b>	<b>3.9 (0.32)</b>	<b>5.4 (0.39)</b>	<b>2.5 (0.26)</b>	<b>3.9 (0.29)</b>	<b>2.4 (0.22)</b>	<b>4.2 (0.20)</b>	<b>4.3 (0.20)</b>	<b>3.4 (0.15)</b>	<b>8.4 (0.22)</b>	<b>6.8 (0.18)</b>	<b>4.9 (0.24)</b>	<b>4.1 (0.15)</b>	<b>3.7 (0.17)</b>	<b>3.3 (0.17)</b>
Less than high school completion.....	8.5 (0.81)	6.6 (0.78)	10.2 (1.16)	4.7 (0.89)	7.9 (1.24)	6.1 (1.16)	8.8 (0.95)	9.1 (0.99)	5.9 (0.73)	15.6 (0.98)	13.5 (0.92)	8.0 (0.95)	8.6 (0.80)	6.6 (0.65)	6.9 (0.79)
High school completion <sup>2</sup> .....	5.6 (0.60)	3.4 (0.48)	5.4 (0.60)	2.3 (0.39)	4.0 (0.53)	2.7 (0.42)	4.6 (0.37)	4.9 (0.37)	3.9 (0.30)	11.0 (0.43)	7.8 (0.36)	6.1 (0.50)	5.2 (0.34)	5.0 (0.39)	4.3 (0.32)
Some college, no bachelor's degree <sup>3</sup> .....	4.7 (1.00)	3.0 (0.78)	3.2 (0.79)	2.6 (0.62)	3.9 (0.56)	2.4 (0.40)	4.2 (0.37)	4.0 (0.35)	3.4 (0.26)	7.6 (0.40)	6.9 (0.36)	4.8 (0.44)	4.1 (0.30)	3.4 (0.33)	2.9 (0.28)
Bachelor's or higher degree.....	2.0! (0.61)	1.3! (0.44)	2.1 (0.54)	1.4 (0.38)	2.4 (0.41)	1.3 (0.28)	2.8 (0.28)	3.0 (0.28)	2.3 (0.20)	4.8 (0.30)	3.9 (0.27)	3.2 (0.29)	2.2 (0.18)	2.3 (0.24)	2.1 (0.21)
<b>55 to 64 years old, all education levels.....</b>	<b>5.5 (0.46)</b>	<b>3.2 (0.35)</b>	<b>4.6 (0.44)</b>	<b>2.8 (0.36)</b>	<b>3.9 (0.42)</b>	<b>2.8 (0.35)</b>	<b>3.9 (0.27)</b>	<b>4.0 (0.26)</b>	<b>2.9 (0.18)</b>	<b>7.3 (0.25)</b>	<b>6.6 (0.23)</b>	<b>5.2 (0.28)</b>	<b>4.2 (0.20)</b>	<b>3.9 (0.18)</b>	<b>3.2 (0.16)</b>
Less than high school completion.....	7.1 (0.79)	5.2 (0.77)	7.1 (1.01)	3.9 (0.90)	6.7 (1.35)	5.2 (1.28)	6.9 (1.04)	7.0 (1.10)	6.0 (0.82)	10.1 (0.99)	11.5 (1.05)	8.2 (1.21)	6.9 (0.84)	6.5 (0.80)	6.0 (0.75)
High school completion <sup>2</sup> .....	5.1 (0.76)	2.7 (0.51)	4.5 (0.69)	3.0 (0.59)	3.4 (0.65)	3.1 (0.62)	4.1 (0.49)	4.4 (0.49)	2.9 (0.35)	9.3 (0.56)	7.1 (0.50)	5.6 (0.53)	4.4 (0.38)	4.1 (0.41)	3.6 (0.33)
Some college, no bachelor's degree <sup>3</sup> .....	4.1! (1.26)	2.0! (0.77)	3.0! (1.00)	2.2! (0.82)	3.2 (0.80)	2.8 (0.70)	3.9 (0.54)	3.6 (0.48)	3.1 (0.34)	7.7 (0.52)	7.1 (0.44)	5.5 (0.54)	4.3 (0.40)	4.1 (0.37)	3.2 (0.32)
Bachelor's or higher degree.....	1.5! (0.75)	†! (†)	2.2! (0.70)	1.8! (0.62)	3.3 (0.79)	1.4! (0.46)	2.7 (0.41)	3.0 (0.39)	2.0 (0.22)	5.0 (0.34)	4.8 (0.38)	4.0 (0.39)	3.3 (0.30)	3.2 (0.29)	2.4 (0.24)

—Not available.

†Not applicable.

!Interpret data with caution. The coefficient of variation (CV) for this estimate is between 30 and 50 percent.

‡Reporting standards not met. The coefficient of variation (CV) for this estimate is 50 percent or greater.

<sup>1</sup>Data for 16- to 19-year-olds and 20- to 24-year-olds exclude persons enrolled in school.

<sup>2</sup>Includes equivalency credentials, such as the GED credential.

<sup>3</sup>Includes persons with no college degree as well as those with an associate's degree.

NOTE: Data are based on sample surveys of the noninstitutionalized population, which excludes persons living in institutions (e.g., prisons or nursing facilities); this table includes only data on the civilian population (excludes all military personnel). The unemployment rate is the percentage of persons in the civilian labor force who are not working and who made specific efforts to find employment sometime during the prior 4 weeks. The civilian labor force consists of all civilians who are employed or seeking employment.

SOURCE: U.S. Department of Commerce, Census Bureau, Current Population Survey (CPS), Annual Social and Economic Supplement, selected years, 1975 through 2017. (This table was prepared October 2017.)

**Table 501.85. Unemployment rates of males 16 to 64 years old, by age group and highest level of educational attainment: Selected years, 1975 through 2017**  
[Standard errors appear in parentheses]

Age group and highest level of educational attainment	1975	1980	1985	1990	1995	2000	2002	2004	2006	2010	2012	2014	2015	2016	2017
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
<b>16 to 19 years old, all education levels<sup>1</sup>.....</b>	— (†)	— (†)	— (†)	<b>18.9 (2.58)</b>	<b>21.3 (2.71)</b>	<b>16.0 (2.36)</b>	<b>25.4 (2.05)</b>	<b>21.4 (2.10)</b>	<b>22.0 (1.63)</b>	<b>35.6 (2.07)</b>	<b>31.4 (2.05)</b>	<b>24.4 (2.40)</b>	<b>22.5 (1.79)</b>	<b>20.0 (1.81)</b>	<b>14.9 (1.66)</b>
Less than high school completion.....	— (†)	— (†)	— (†)	27.9 (4.45)	30.6 (4.60)	17.6 (3.69)	30.9 (3.23)	26.3 (3.52)	26.1 (2.92)	44.7 (4.07)	37.1 (3.82)	23.1 (4.25)	26.6 (3.61)	24.4 (3.24)	22.3 (3.35)
High school completion <sup>2</sup> .....	— (†)	— (†)	— (†)	12.1 (2.96)	14.4 (3.38)	15.0 (3.30)	21.3 (2.82)	17.8 (2.77)	19.8 (2.08)	33.0 (2.59)	31.8 (2.68)	26.7 (3.29)	23.0 (2.47)	19.7 (2.54)	13.3 (2.00)
At least some college.....	— (†)	— (†)	— (†)	† (†)	† (†)	† (†)	17.1 ! (6.47)	19.0 ! (6.64)	15.4 ! (5.16)	19.0 (5.64)	20.2 (5.03)	17.7 ! (7.00)	11.5 ! (3.68)	10.8 ! (3.41)	† (†)
<b>20 to 24 years old, all education levels<sup>1</sup>.....</b>	— (†)	— (†)	— (†)	<b>8.4 (0.86)</b>	<b>11.1 (0.97)</b>	<b>9.4 (0.94)</b>	<b>14.0 (0.79)</b>	<b>12.0 (0.73)</b>	<b>9.9 (0.60)</b>	<b>21.4 (0.88)</b>	<b>16.6 (0.83)</b>	<b>17.0 (0.92)</b>	<b>13.6 (0.75)</b>	<b>11.5 (0.74)</b>	<b>8.9 (0.66)</b>
Less than high school completion.....	— (†)	— (†)	— (†)	16.9 (2.53)	17.4 (2.68)	16.5 (2.61)	20.1 (1.97)	14.7 (1.74)	14.5 (1.61)	32.4 (2.20)	27.8 (2.48)	23.6 (3.04)	19.0 (2.52)	17.9 (2.60)	12.5 (2.13)
High school completion <sup>2</sup> .....	— (†)	— (†)	— (†)	7.4 (1.15)	11.6 (1.48)	9.6 (1.45)	13.9 (1.18)	13.9 (1.17)	10.7 (0.98)	23.7 (1.25)	19.0 (1.28)	21.1 (1.60)	16.6 (1.16)	13.4 (1.24)	9.8 (1.08)
Some college, no bachelor's degree <sup>3</sup> .....	— (†)	— (†)	— (†)	4.6 ! (1.54)	8.0 (1.65)	4.8 (1.36)	12.0 (1.53)	8.2 (1.24)	7.5 (0.96)	16.4 (1.58)	12.0 (1.23)	13.8 (1.56)	11.5 (1.46)	9.4 (1.28)	7.7 (1.15)
Bachelor's or higher degree.....	— (†)	— (†)	— (†)	† (†)	5.6 ! (2.22)	5.5 ! (2.32)	6.3 (1.70)	8.0 (1.84)	4.0 ! (1.23)	9.8 (1.82)	6.6 (1.54)	7.3 (1.71)	5.1 (1.18)	5.0 (1.21)	6.1 (1.31)
<b>25 to 64 years old, all education levels.....</b>	<b>6.5 (0.26)</b>	<b>4.9 (0.22)</b>	<b>6.1 (0.24)</b>	<b>3.6 (0.19)</b>	<b>5.1 (0.21)</b>	<b>3.3 (0.18)</b>	<b>5.5 (0.16)</b>	<b>5.4 (0.15)</b>	<b>4.3 (0.12)</b>	<b>10.5 (0.19)</b>	<b>8.0 (0.16)</b>	<b>5.9 (0.19)</b>	<b>5.0 (0.14)</b>	<b>4.5 (0.13)</b>	<b>4.1 (0.13)</b>
Less than high school completion.....	10.3 (0.59)	8.2 (0.58)	11.2 (0.76)	7.3 (0.68)	10.9 (0.86)	7.1 (0.75)	9.9 (0.60)	9.4 (0.59)	7.6 (0.51)	17.8 (0.79)	13.6 (0.59)	9.4 (0.70)	8.4 (0.54)	7.5 (0.52)	8.0 (0.56)
High school completion <sup>2</sup> .....	6.6 (0.43)	5.3 (0.37)	7.2 (0.43)	3.8 (0.32)	5.7 (0.40)	3.9 (0.34)	6.7 (0.31)	6.6 (0.31)	5.0 (0.23)	13.8 (0.39)	10.1 (0.33)	7.8 (0.37)	6.7 (0.27)	6.3 (0.31)	5.2 (0.26)
Some college, no bachelor's degree <sup>3</sup> .....	5.0 (0.59)	4.4 (0.49)	4.5 (0.49)	3.0 (0.38)	4.4 (0.39)	3.1 (0.34)	4.9 (0.29)	5.4 (0.30)	4.2 (0.25)	10.2 (0.35)	8.2 (0.34)	5.9 (0.37)	4.9 (0.23)	4.7 (0.28)	4.1 (0.22)
Bachelor's or higher degree.....	2.1 (0.34)	1.7 (0.26)	2.4 (0.30)	1.8 (0.25)	2.6 (0.28)	1.6 (0.22)	3.0 (0.21)	3.0 (0.20)	2.4 (0.15)	5.1 (0.22)	4.3 (0.20)	3.4 (0.25)	2.8 (0.16)	2.3 (0.17)	2.4 (0.16)
<b>25 to 34 years old, all education levels.....</b>	<b>8.3 (0.50)</b>	<b>6.8 (0.41)</b>	<b>7.3 (0.43)</b>	<b>4.5 (0.35)</b>	<b>5.9 (0.40)</b>	<b>4.2 (0.37)</b>	<b>7.1 (0.33)</b>	<b>6.9 (0.33)</b>	<b>5.5 (0.25)</b>	<b>12.6 (0.40)</b>	<b>10.0 (0.38)</b>	<b>7.5 (0.41)</b>	<b>6.2 (0.27)</b>	<b>5.8 (0.32)</b>	<b>5.4 (0.30)</b>
Less than high school completion.....	17.3 (1.65)	13.4 (1.53)	13.9 (1.60)	10.3 (1.36)	12.5 (1.57)	8.8 (1.51)	12.4 (1.14)	10.9 (1.09)	8.7 (0.87)	20.7 (1.36)	14.3 (1.17)	10.8 (1.37)	10.2 (1.15)	11.7 (1.20)	12.2 (1.38)
High school completion <sup>2</sup> .....	9.0 (0.85)	8.2 (0.75)	9.5 (0.77)	4.6 (0.55)	6.6 (0.72)	4.9 (0.70)	9.3 (0.69)	8.1 (0.65)	6.4 (0.55)	17.8 (0.77)	13.5 (0.70)	10.1 (0.81)	9.1 (0.63)	9.1 (0.71)	7.3 (0.63)
Some college, no bachelor's degree <sup>3</sup> .....	6.6 (1.03)	6.0 (0.81)	4.9 (0.76)	3.6 (0.68)	4.6 (0.70)	3.8 (0.69)	5.8 (0.59)	7.5 (0.67)	5.6 (0.49)	11.8 (0.69)	11.1 (0.75)	7.8 (0.76)	6.1 (0.51)	5.2 (0.60)	4.8 (0.51)
Bachelor's or higher degree.....	2.6 (0.57)	2.4 (0.48)	2.8 (0.54)	1.9 (0.46)	2.8 (0.55)	1.8 (0.46)	3.5 (0.44)	3.2 (0.42)	2.8 (0.36)	4.8 (0.45)	4.2 (0.45)	3.8 (0.51)	2.8 (0.34)	2.3 (0.36)	2.6 (0.36)
<b>35 to 44 years old, all education levels.....</b>	<b>6.0 (0.50)</b>	<b>4.1 (0.39)</b>	<b>5.7 (0.44)</b>	<b>3.2 (0.32)</b>	<b>4.9 (0.37)</b>	<b>3.4 (0.31)</b>	<b>5.2 (0.27)</b>	<b>5.6 (0.29)</b>	<b>4.2 (0.25)</b>	<b>10.1 (0.33)</b>	<b>7.6 (0.31)</b>	<b>5.7 (0.33)</b>	<b>4.6 (0.26)</b>	<b>4.1 (0.25)</b>	<b>4.0 (0.23)</b>
Less than high school completion.....	10.8 (1.24)	8.4 (1.22)	12.3 (1.63)	7.9 (1.46)	11.8 (1.69)	6.3 (1.27)	9.1 (1.05)	9.9 (1.06)	8.5 (0.97)	18.4 (1.42)	13.5 (1.13)	9.8 (1.22)	7.5 (0.90)	5.2 (0.87)	6.6 (0.75)
High school completion <sup>2</sup> .....	5.8 (0.80)	4.2 (0.65)	6.5 (0.79)	3.4 (0.56)	5.6 (0.68)	4.2 (0.58)	6.6 (0.53)	7.0 (0.56)	5.0 (0.43)	12.9 (0.71)	9.7 (0.66)	8.2 (0.68)	6.3 (0.54)	6.2 (0.55)	5.0 (0.49)
Some college, no bachelor's degree <sup>3</sup> .....	3.3 ! (1.01)	2.9 (0.81)	5.3 (0.96)	2.8 (0.63)	4.8 (0.69)	2.9 (0.56)	4.8 (0.51)	5.3 (0.55)	3.8 (0.43)	9.9 (0.63)	7.4 (0.64)	5.5 (0.69)	4.9 (0.46)	4.9 (0.56)	4.7 (0.52)
Bachelor's or higher degree.....	1.9 ! (0.61)	1.3 ! (0.44)	2.2 (0.49)	1.7 (0.41)	2.0 (0.43)	1.7 (0.42)	2.6 (0.36)	2.8 (0.37)	1.9 (0.27)	4.6 (0.38)	4.1 (0.40)	2.6 (0.43)	2.2 (0.28)	1.7 (0.26)	2.3 (0.31)
<b>45 to 54 years old, all education levels.....</b>	<b>5.5 (0.48)</b>	<b>3.7 (0.40)</b>	<b>5.4 (0.51)</b>	<b>2.7 (0.36)</b>	<b>4.6 (0.42)</b>	<b>2.5 (0.30)</b>	<b>4.6 (0.28)</b>	<b>4.4 (0.27)</b>	<b>3.8 (0.21)</b>	<b>9.9 (0.32)</b>	<b>7.0 (0.22)</b>	<b>4.9 (0.33)</b>	<b>4.5 (0.23)</b>	<b>3.9 (0.23)</b>	<b>3.2 (0.23)</b>
Less than high school completion.....	8.3 (0.97)	6.1 (0.92)	10.9 (1.48)	4.7 (1.12)	9.4 (1.74)	6.9 (1.60)	8.6 (1.21)	8.4 (1.22)	5.9 (0.97)	16.8 (1.29)	13.7 (1.12)	8.7 (1.17)	8.8 (1.05)	6.2 (0.84)	6.7 (1.05)
High school completion <sup>2</sup> .....	4.9 (0.76)	3.3 (0.64)	5.5 (0.84)	2.8 (0.61)	5.5 (0.87)	2.4 (0.55)	4.9 (0.52)	5.4 (0.53)	4.4 (0.42)	12.6 (0.67)	8.7 (0.51)	6.2 (0.65)	5.7 (0.49)	5.1 (0.49)	4.1 (0.45)
Some college, no bachelor's degree <sup>3</sup> .....	4.4 (1.21)	3.5 ! (1.11)	2.6 ! (0.94)	2.5 ! (0.82)	4.0 (0.79)	2.6 (0.58)	4.5 (0.53)	4.1 (0.50)	3.7 (0.39)	9.5 (0.63)	6.3 (0.49)	4.3 (0.48)	4.1 (0.48)	3.8 (0.51)	2.8 (0.38)
Bachelor's or higher degree.....	1.8 ! (0.67)	1.1 ! (0.47)	2.0 ! (0.63)	1.4 ! (0.49)	2.7 (0.55)	1.3 (0.38)	3.1 (0.40)	2.8 (0.37)	2.7 (0.31)	5.3 (0.42)	3.8 (0.34)	3.1 (0.39)	2.4 (0.25)	2.3 (0.33)	1.9 (0.27)
<b>55 to 64 years old, all education levels.....</b>	<b>5.5 (0.58)</b>	<b>3.6 (0.46)</b>	<b>4.7 (0.57)</b>	<b>3.3 (0.51)</b>	<b>4.3 (0.59)</b>	<b>3.2 (0.49)</b>	<b>4.6 (0.39)</b>	<b>4.3 (0.36)</b>	<b>3.2 (0.28)</b>	<b>8.6 (0.37)</b>	<b>7.1 (0.33)</b>	<b>5.6 (0.37)</b>	<b>4.6 (0.28)</b>	<b>4.2 (0.27)</b>	<b>3.6 (0.26)</b>
Less than high school completion.....	6.9 (0.96)	5.9 (1.01)	7.4 (1.28)	4.6 (1.24)	7.7 (1.84)	5.5 ! (1.67)	8.0 (1.41)	6.3 (1.33)	6.4 (1.25)	11.6 (1.48)	12.1 (1.27)	7.2 (1.50)	6.9 (1.05)	6.8 (0.98)	6.4 (1.00)
High school completion <sup>2</sup> .....	5.5 (1.02)	2.8 (0.70)	4.6 (0.96)	3.7 (0.91)	3.6 (0.95)	3.5 (0.93)	5.6 (0.80)	5.0 (0.73)	3.6 (0.54)	11.1 (0.88)	7.7 (0.68)	6.5 (0.76)	5.1 (0.56)	4.2 (0.52)	4.0 (0.53)
Some college, no bachelor's degree <sup>3</sup> .....	3.1 ! (1.39)	2.5 ! (1.06)	3.6 ! (1.43)	† (†)	3.7 ! (1.16)	3.4 ! (1.06)	4.0 (0.76)	4.2 (0.72)	2.9 (0.43)	9.2 (0.77)	8.0 (0.70)	5.9 (0.80)	4.1 (0.48)	4.7 (0.63)	3.6 (0.51)
Bachelor's or higher degree.....	† (†)	† (†)	2.2 ! (0.80)	2.1 ! (0.78)	3.6 (1.00)	1.7 ! (0.63)	2.9 (0.53)	3.3 (0.52)	2.4 (0.33)	5.8 (0.48)	5.2 (0.55)	4.3 (0.53)	3.9 (0.50)	3.2 (0.38)	2.7 (0.39)

—Not available.  
†Not applicable.  
!Interpret data with caution. The coefficient of variation (CV) for this estimate is between 30 and 50 percent.  
‡Reporting standards not met. The coefficient of variation (CV) for this estimate is 50 percent or greater.  
<sup>1</sup>Data for 16- to 19-year-olds and 20- to 24-year-olds exclude persons enrolled in school.  
<sup>2</sup>Includes equivalency credentials, such as the GED credential.  
<sup>3</sup>Includes persons with no college degree as well as those with an associate's degree.

NOTE: Data are based on sample surveys of the noninstitutionalized population, which excludes persons living in institutions (e.g., prisons or nursing facilities); this table includes only data on the civilian population (excludes all military personnel). The unemployment rate is the percentage of persons in the civilian labor force who are not working and who made specific efforts to find employment sometime during the prior 4 weeks. The civilian labor force consists of all civilians who are employed or seeking employment.  
SOURCE: U.S. Department of Commerce, Census Bureau, Current Population Survey (CPS), Annual Social and Economic Supplement, selected years, 1975 through 2017. (This table was prepared October 2017.)

**Table 501.90. Unemployment rates of females 16 to 64 years old, by age group and highest level of educational attainment: Selected years, 1975 through 2016**

[Standard errors appear in parentheses]

Age group and highest level of educational attainment	1975	1980	1985	1990	1995	2000	2002	2004	2006	2010	2012	2014	2015	2016	2017
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
<b>16 to 19 years old, all education levels<sup>1</sup>.....</b>	— (†)	— (†)	— (†)	<b>14.7 (2.39)</b>	<b>20.6 (2.93)</b>	<b>18.9 (2.85)</b>	<b>18.5 (2.80)</b>	<b>20.1 (2.38)</b>	<b>18.6 (1.71)</b>	<b>26.9 (2.14)</b>	<b>29.6 (2.48)</b>	<b>20.9 (2.54)</b>	<b>22.4 (2.07)</b>	<b>20.4 (2.08)</b>	<b>14.8 (2.16)</b>
Less than high school completion.....	— (†)	— (†)	— (†)	23.4 (5.31)	29.7 (5.57)	27.9 (5.53)	23.2 (5.41)	29.5 (4.63)	25.3 (3.51)	36.4 (4.75)	46.2 (5.08)	22.5 (4.49)	24.4 (4.00)	17.6 (3.43)	20.9 (4.38)
High school completion <sup>2</sup> .....	— (†)	— (†)	— (†)	11.3 (2.64)	16.0 (3.69)	15.7 (3.66)	16.0 (3.56)	17.4 (3.07)	15.0 (2.20)	24.9 (3.03)	24.5 (3.01)	22.9 (3.54)	23.7 (2.88)	25.0 (3.16)	11.9 (2.37)
At least some college.....	— (†)	— (†)	— (†)	‡ (†)	‡ (†)	‡ (†)	17.4 ! (7.52)	‡ (†)	19.7 (4.60)	17.3 (4.41)	18.7 ! (5.62)	12.9 ! (4.87)	14.8 (4.26)	12.6 ! (4.08)	15.1 (4.38)
<b>20 to 24 years old, all education levels<sup>1</sup>.....</b>	— (†)	— (†)	— (†)	<b>7.8 (0.86)</b>	<b>10.2 (1.00)</b>	<b>8.9 (0.96)</b>	<b>10.8 (1.05)</b>	<b>11.0 (0.77)</b>	<b>8.6 (0.66)</b>	<b>15.6 (0.86)</b>	<b>14.1 (0.78)</b>	<b>12.4 (0.89)</b>	<b>10.7 (0.69)</b>	<b>9.3 (0.68)</b>	<b>7.2 (0.57)</b>
Less than high school completion.....	— (†)	— (†)	— (†)	18.6 (3.70)	24.3 (4.34)	17.0 (3.60)	23.2 (3.78)	18.5 (2.63)	18.3 (2.36)	32.2 (3.38)	27.3 (3.57)	29.3 (5.22)	21.2 (3.60)	16.0 (3.67)	23.2 (4.36)
High school completion <sup>2</sup> .....	— (†)	— (†)	— (†)	8.1 (1.26)	12.7 (1.78)	10.6 (1.63)	11.4 (1.72)	12.6 (1.33)	9.8 (0.99)	19.9 (1.46)	17.1 (1.31)	15.8 (1.72)	14.6 (1.38)	10.3 (1.18)	9.5 (1.19)
Some college, no bachelor's degree <sup>3</sup> .....	— (†)	— (†)	— (†)	4.9 (1.43)	6.7 (1.43)	5.7 (1.42)	8.3 (1.76)	9.1 (1.34)	6.6 (1.04)	12.1 (1.33)	13.4 (1.28)	10.6 (1.41)	7.5 (0.97)	10.4 (1.27)	5.0 (0.89)
Bachelor's or higher degree.....	— (†)	— (†)	— (†)	3.5 ! (1.47)	3.1 ! (1.35)	4.6 ! (1.70)	3.2 ! (1.41)	5.9 (1.26)	3.9 (0.92)	6.3 (1.29)	5.6 (1.14)	6.3 (1.38)	5.2 (1.01)	4.8 (1.09)	3.6 (0.92)
<b>25 to 64 years old, all education levels.....</b>	<b>7.3 (0.33)</b>	<b>5.0 (0.25)</b>	<b>6.0 (0.26)</b>	<b>3.7 (0.20)</b>	<b>4.4 (0.21)</b>	<b>3.2 (0.18)</b>	<b>4.6 (0.21)</b>	<b>4.7 (0.15)</b>	<b>3.8 (0.11)</b>	<b>7.5 (0.15)</b>	<b>6.8 (0.15)</b>	<b>5.7 (0.19)</b>	<b>4.3 (0.13)</b>	<b>4.2 (0.13)</b>	<b>3.7 (0.12)</b>
Less than high school completion.....	10.8 (0.79)	8.9 (0.76)	11.7 (0.96)	8.3 (0.88)	8.6 (0.95)	9.1 (1.00)	10.6 (1.07)	12.2 (0.83)	9.4 (0.59)	15.0 (0.71)	15.4 (0.83)	12.7 (0.98)	10.6 (0.68)	9.2 (0.70)	8.7 (0.75)
High school completion <sup>2</sup> .....	7.1 (0.49)	5.0 (0.37)	6.5 (0.41)	3.9 (0.32)	4.6 (0.36)	3.6 (0.33)	5.4 (0.41)	5.2 (0.29)	4.4 (0.22)	9.8 (0.30)	8.1 (0.31)	6.8 (0.42)	5.6 (0.31)	5.8 (0.32)	5.3 (0.30)
Some college, no bachelor's degree <sup>3</sup> .....	6.3 (0.84)	4.1 (0.54)	4.8 (0.53)	3.2 (0.40)	4.5 (0.38)	2.9 (0.31)	4.1 (0.36)	4.3 (0.26)	3.7 (0.20)	7.5 (0.27)	7.7 (0.30)	6.3 (0.36)	5.0 (0.23)	4.3 (0.22)	3.5 (0.21)
Bachelor's or higher degree.....	3.1 (0.57)	2.2 (0.39)	2.5 (0.36)	1.6 (0.27)	2.4 (0.30)	1.4 (0.22)	2.6 (0.28)	2.9 (0.21)	2.1 (0.15)	4.3 (0.19)	3.8 (0.19)	3.4 (0.22)	2.1 (0.13)	2.6 (0.16)	2.3 (0.15)
<b>25 to 34 years old, all education levels.....</b>	<b>9.1 (0.65)</b>	<b>6.8 (0.47)</b>	<b>7.3 (0.47)</b>	<b>5.1 (0.39)</b>	<b>5.7 (0.42)</b>	<b>3.9 (0.37)</b>	<b>5.7 (0.45)</b>	<b>5.7 (0.32)</b>	<b>5.4 (0.26)</b>	<b>8.7 (0.33)</b>	<b>8.2 (0.32)</b>	<b>7.3 (0.36)</b>	<b>5.6 (0.29)</b>	<b>5.3 (0.30)</b>	<b>4.4 (0.23)</b>
Less than high school completion.....	17.0 (2.18)	14.2 (1.93)	18.5 (2.37)	15.1 (2.17)	13.7 (2.20)	12.9 (2.33)	14.3 (2.39)	15.6 (1.78)	16.0 (1.58)	19.5 (1.52)	22.0 (1.99)	19.1 (2.42)	17.5 (1.85)	16.0 (1.85)	15.2 (2.10)
High school completion <sup>2</sup> .....	10.0 (1.01)	7.6 (0.76)	8.6 (0.78)	5.7 (0.65)	6.9 (0.81)	4.8 (0.78)	8.8 (1.08)	7.5 (0.73)	6.6 (0.53)	12.6 (0.86)	11.6 (0.82)	11.1 (1.04)	8.7 (0.74)	7.7 (0.74)	7.0 (0.69)
Some college, no bachelor's degree <sup>3</sup> .....	6.9 (1.38)	5.9 (0.94)	6.0 (0.88)	4.0 (0.72)	5.4 (0.73)	3.5 (0.63)	4.0 (0.69)	5.2 (0.56)	4.9 (0.46)	9.3 (0.57)	9.1 (0.59)	7.7 (0.68)	6.9 (0.58)	6.1 (0.52)	4.0 (0.41)
Bachelor's or higher degree.....	3.5 (0.88)	2.6 (0.60)	2.7 (0.57)	2.0 (0.47)	2.6 (0.53)	1.4 (0.39)	2.8 (0.53)	2.7 (0.38)	2.7 (0.31)	4.3 (0.35)	3.9 (0.38)	3.6 (0.38)	1.9 (0.26)	2.6 (0.33)	2.5 (0.26)
<b>35 to 44 years old, all education levels.....</b>	<b>7.1 (0.66)</b>	<b>4.7 (0.47)</b>	<b>5.4 (0.46)</b>	<b>3.5 (0.34)</b>	<b>4.3 (0.36)</b>	<b>3.7 (0.33)</b>	<b>4.8 (0.38)</b>	<b>4.9 (0.28)</b>	<b>4.0 (0.21)</b>	<b>8.2 (0.29)</b>	<b>6.5 (0.29)</b>	<b>5.6 (0.34)</b>	<b>4.1 (0.20)</b>	<b>4.2 (0.23)</b>	<b>4.0 (0.21)</b>
Less than high school completion.....	11.9 (1.65)	10.0 (1.56)	12.7 (1.95)	8.9 (1.79)	8.4 (1.75)	11.3 (1.94)	11.5 (1.96)	13.1 (1.51)	8.9 (0.88)	16.7 (1.32)	15.2 (1.29)	14.9 (1.99)	10.2 (1.26)	8.1 (1.18)	7.5 (1.15)
High school completion <sup>2</sup> .....	5.7 (0.85)	4.1 (0.65)	5.7 (0.72)	4.0 (0.57)	4.5 (0.63)	3.6 (0.58)	5.3 (0.71)	5.1 (0.52)	5.2 (0.45)	10.5 (0.67)	8.3 (0.71)	6.2 (0.68)	6.3 (0.61)	7.2 (0.67)	6.8 (0.68)
Some college, no bachelor's degree <sup>3</sup> .....	6.8 (1.76)	3.3 (0.97)	4.3 (0.91)	2.8 (0.64)	4.7 (0.66)	3.3 (0.57)	4.6 (0.67)	4.6 (0.49)	3.7 (0.41)	8.5 (0.51)	7.4 (0.54)	6.7 (0.70)	4.2 (0.39)	4.2 (0.47)	4.1 (0.48)
Bachelor's or higher degree.....	3.5 ! (1.29)	2.3 ! (0.76)	2.2 (0.61)	1.4 ! (0.42)	2.4 (0.52)	1.8 (0.44)	2.6 (0.51)	2.8 (0.38)	2.1 (0.25)	4.5 (0.35)	3.1 (0.31)	3.0 (0.40)	2.1 (0.25)	2.3 (0.22)	2.3 (0.26)
<b>45 to 54 years old, all education levels.....</b>	<b>6.5 (0.62)</b>	<b>4.1 (0.49)</b>	<b>5.3 (0.56)</b>	<b>2.3 (0.35)</b>	<b>3.1 (0.36)</b>	<b>2.4 (0.30)</b>	<b>3.9 (0.36)</b>	<b>4.2 (0.26)</b>	<b>3.0 (0.17)</b>	<b>6.8 (0.27)</b>	<b>6.5 (0.28)</b>	<b>4.9 (0.32)</b>	<b>3.7 (0.19)</b>	<b>3.5 (0.22)</b>	<b>3.4 (0.24)</b>
Less than high school completion.....	9.0 (1.33)	7.6 (1.32)	9.2 (1.71)	4.7 (1.33)	5.8 (1.55)	5.1 ! (1.52)	9.0 (1.98)	10.1 (1.52)	6.0 (0.90)	13.6 (1.41)	13.1 (1.49)	6.7 (1.32)	8.3 (1.09)	7.2 (1.05)	7.2 (1.13)
High school completion <sup>2</sup> .....	6.3 (0.88)	3.6 (0.66)	5.4 (0.80)	1.8 (0.46)	2.7 (0.57)	3.0 (0.59)	4.2 (0.67)	4.3 (0.48)	3.3 (0.37)	9.0 (0.56)	6.7 (0.48)	6.1 (0.69)	4.4 (0.51)	4.9 (0.54)	4.6 (0.52)
Some college, no bachelor's degree <sup>3</sup> .....	5.3 ! (1.61)	2.3 ! (0.99)	4.0 ! (1.23)	2.7 ! (0.89)	3.7 (0.73)	2.2 (0.52)	3.8 (0.67)	3.9 (0.46)	3.1 (0.30)	5.9 (0.43)	7.5 (0.57)	5.3 (0.64)	4.1 (0.39)	3.1 (0.39)	3.0 (0.40)
Bachelor's or higher degree.....	2.6 ! (1.18)	1.9 ! (0.90)	2.4 ! (0.92)	1.3 ! (0.56)	2.1 (0.57)	1.3 ! (0.39)	2.4 (0.51)	3.2 (0.41)	1.9 (0.25)	4.3 (0.36)	4.1 (0.38)	3.3 (0.40)	2.0 (0.25)	2.3 (0.28)	2.4 (0.32)
<b>55 to 64 years old, all education levels.....</b>	<b>5.4 (0.71)</b>	<b>2.5 (0.47)</b>	<b>4.5 (0.63)</b>	<b>2.2 (0.47)</b>	<b>3.3 (0.55)</b>	<b>2.4 (0.45)</b>	<b>3.2 (0.48)</b>	<b>3.6 (0.34)</b>	<b>2.6 (0.23)</b>	<b>6.0 (0.32)</b>	<b>6.0 (0.31)</b>	<b>4.7 (0.38)</b>	<b>3.7 (0.26)</b>	<b>3.6 (0.25)</b>	<b>2.8 (0.23)</b>
Less than high school completion.....	7.3 (1.28)	3.7 (1.06)	6.7 (1.49)	2.9 ! (1.17)	5.3 ! (1.78)	4.8 ! (1.84)	5.4 ! (1.94)	8.1 (1.76)	5.5 (1.06)	8.0 (1.36)	10.8 (1.78)	9.8 (2.00)	7.0 (1.51)	5.9 (1.16)	5.4 (1.20)
High school completion <sup>2</sup> .....	4.6 (1.05)	2.6 (0.69)	4.5 (0.93)	2.2 ! (0.68)	3.2 (0.84)	2.8 (0.77)	2.7 (0.74)	3.8 (0.60)	2.3 (0.43)	7.5 (0.68)	6.5 (0.69)	4.6 (0.65)	3.5 (0.54)	4.0 (0.51)	3.1 (0.46)
Some college, no bachelor's degree <sup>3</sup> .....	5.6 ! (2.23)	‡ (†)	‡ (†)	2.4 ! (1.15)	2.8 ! (1.00)	2.2 ! (0.84)	3.8 (0.99)	3.1 (0.59)	3.2 (0.54)	6.3 (0.65)	6.3 (0.58)	5.1 (0.68)	4.5 (0.55)	3.5 (0.52)	2.8 (0.46)
Bachelor's or higher degree.....	‡ (†)	‡ (†)	‡ (†)	‡ (†)	2.6 ! (1.16)	‡ (†)	2.4 ! (0.81)	2.6 (0.53)	1.4 (0.34)	4.1 (0.49)	4.4 (0.51)	3.6 (0.58)	2.7 (0.36)	3.2 (0.38)	2.0 (0.33)

—Not available.

†Not applicable.

!Interpret data with caution. The coefficient of variation (CV) for this estimate is between 30 and 50 percent.

‡Reporting standards not met. The coefficient of variation (CV) for this estimate is 50 percent or greater.

<sup>1</sup>Data for 16- to 19-year-olds and 20- to 24-year-olds exclude persons enrolled in school.

<sup>2</sup>Includes equivalency credentials, such as the GED credential.

<sup>3</sup>Includes persons with no college degree as well as those with an associate's degree.

NOTE: Data are based on sample surveys of the noninstitutionalized population, which excludes persons living in institutions (e.g., prisons or nursing facilities); this table includes only data on the civilian population (excludes all military personnel). The unemployment rate is the percentage of persons in the civilian labor force who are not working and who made specific efforts to find employment sometime during the prior 4 weeks. The civilian labor force consists of all civilians who are employed or seeking employment.

SOURCE: U.S. Department of Commerce, Census Bureau, Current Population Survey (CPS), Annual Social and Economic Supplement, selected years, 1975 through 2017. (This table was prepared October 2017.)

**Table 502.10. Occupation of employed persons 25 years old and over, by highest level of educational attainment and sex: 2016 and 2017**  
[Standard errors appear in parentheses]

Sex and occupation	Total employed (in thousands)	Percentage distribution, by highest level of educational attainment							
		Total	Less than high school completion	High school completion (includes equivalency)	College				
					Some college, no degree	Associate's degree	Bachelor's degree	Master's or higher degree	
1	2	3	4	5	6	7	8	9	
<b>2016</b>									
<b>All persons</b> .....	<b>132,444 (214.0)</b>	<b>100.0</b>	<b>7.5 (0.07)</b>	<b>25.5 (0.12)</b>	<b>16.4 (0.10)</b>	<b>11.1 (0.08)</b>	<b>24.5 (0.11)</b>	<b>15.0 (0.09)</b>	
Management, professional, and related .....	55,924 (195.3)	100.0	1.3 (0.05)	9.8 (0.12)	11.1 (0.13)	10.1 (0.12)	36.8 (0.20)	30.9 (0.19)	
Management, business, and financial operations .....	23,915 (140.3)	100.0	2.2 (0.09)	14.6 (0.22)	14.1 (0.22)	8.7 (0.18)	39.1 (0.30)	21.3 (0.26)	
Professional and related .....	32,009 (158.8)	100.0	0.6 (0.04)	6.2 (0.13)	8.8 (0.15)	11.2 (0.17)	35.1 (0.26)	38.1 (0.26)	
Education, training, and library .....	8,186 (85.5)	100.0	0.5 (0.08)	5.6 (0.24)	6.3 (0.26)	5.7 (0.25)	33.6 (0.50)	48.3 (0.53)	
Preschool and kindergarten teachers .....	619 (23.9)	100.0	1.0 ! (0.38)	12.0 (1.26)	16.8 (1.45)	14.5 (1.37)	35.9 (1.86)	19.9 (1.55)	
Elementary and middle school teachers .....	3,027 (52.6)	100.0	0.4 (0.11)	2.3 (0.27)	2.2 (0.26)	2.1 (0.25)	42.0 (0.86)	51.0 (0.88)	
Secondary school teachers .....	1,027 (30.8)	100.0	† (†)	0.8 ! (0.26)	1.6 (0.37)	1.6 (0.37)	37.3 (1.45)	58.7 (1.48)	
Special education teachers .....	335 (17.6)	100.0	# (†)	1.8 ! (0.70)	3.3 (0.94)	2.1 ! (0.75)	34.0 (2.49)	58.8 (2.59)	
Postsecondary teachers .....	1,299 (34.6)	100.0	‡ (†)	0.9 (0.26)	1.8 (0.35)	2.7 (0.43)	13.2 (0.90)	81.4 (1.04)	
Other education, training, and library workers .....	1,879 (41.6)	100.0	1.2 (0.24)	15.3 (0.80)	15.9 (0.81)	13.5 (0.76)	31.2 (1.03)	23.0 (0.94)	
Service occupations .....	20,734 (131.8)	100.0	15.3 (0.24)	36.6 (0.32)	20.0 (0.27)	12.4 (0.22)	12.7 (0.22)	3.0 (0.11)	
Sales and office occupations .....	27,805 (149.7)	100.0	4.2 (0.12)	30.1 (0.27)	22.8 (0.24)	12.6 (0.19)	24.8 (0.25)	5.5 (0.13)	
Natural resources, construction, and maintenance .....	12,425 (104.2)	100.0	19.6 (0.34)	42.0 (0.43)	17.4 (0.33)	12.0 (0.28)	7.6 (0.23)	1.4 (0.10)	
Production, transportation, and material moving .....	15,556 (115.7)	100.0	15.4 (0.28)	45.9 (0.38)	18.2 (0.30)	9.6 (0.23)	9.1 (0.22)	1.9 (0.10)	
<b>Males</b> .....	<b>70,872 (131.4)</b>	<b>100.0</b>	<b>9.0 (0.10)</b>	<b>27.8 (0.15)</b>	<b>16.0 (0.13)</b>	<b>9.8 (0.10)</b>	<b>23.5 (0.14)</b>	<b>14.0 (0.12)</b>	
Management, professional, and related .....	27,299 (126.9)	100.0	1.6 (0.07)	10.5 (0.17)	11.2 (0.18)	7.9 (0.15)	37.5 (0.26)	31.2 (0.25)	
Management, business, and financial operations .....	13,503 (97.2)	100.0	2.7 (0.13)	15.5 (0.28)	13.8 (0.28)	7.5 (0.20)	39.3 (0.38)	21.2 (0.32)	
Professional and related .....	13,796 (98.1)	100.0	0.6 (0.06)	5.6 (0.18)	8.8 (0.23)	8.3 (0.21)	35.8 (0.37)	41.0 (0.38)	
Education, training, and library .....	2,185 (41.5)	100.0	0.3 ! (0.10)	2.8 (0.32)	4.3 (0.41)	3.4 (0.35)	31.5 (0.89)	57.8 (0.95)	
Service occupations .....	8,915 (81.0)	100.0	15.7 (0.35)	35.6 (0.46)	19.7 (0.40)	11.4 (0.30)	14.4 (0.33)	3.2 (0.17)	
Sales and office occupations .....	10,703 (87.9)	100.0	4.2 (0.17)	27.6 (0.39)	20.7 (0.37)	10.9 (0.27)	29.7 (0.40)	6.8 (0.22)	
Natural resources, construction, and maintenance .....	11,853 (91.9)	100.0	19.3 (0.33)	42.6 (0.41)	17.3 (0.33)	12.1 (0.27)	7.3 (0.22)	1.4 (0.10)	
Production, transportation, and material moving .....	12,102 (92.7)	100.0	14.6 (0.29)	46.6 (0.41)	18.3 (0.33)	9.6 (0.24)	9.0 (0.23)	1.9 (0.11)	
<b>Females</b> .....	<b>61,572 (149.1)</b>	<b>100.0</b>	<b>5.7 (0.08)</b>	<b>22.9 (0.15)</b>	<b>16.8 (0.14)</b>	<b>12.7 (0.12)</b>	<b>25.7 (0.16)</b>	<b>16.2 (0.13)</b>	
Management, professional, and related .....	28,625 (131.8)	100.0	0.9 (0.05)	9.1 (0.15)	10.9 (0.17)	12.2 (0.18)	36.1 (0.26)	30.7 (0.25)	
Management, business, and financial operations .....	10,413 (87.9)	100.0	1.5 (0.11)	13.5 (0.30)	14.6 (0.31)	10.2 (0.27)	38.7 (0.43)	21.5 (0.36)	
Professional and related .....	18,213 (111.6)	100.0	0.6 (0.05)	6.6 (0.17)	8.8 (0.19)	13.4 (0.23)	34.6 (0.32)	36.0 (0.32)	
Education, training, and library .....	6,001 (68.2)	100.0	0.6 (0.09)	6.6 (0.29)	7.0 (0.30)	6.5 (0.29)	34.4 (0.56)	44.9 (0.58)	
Service occupations .....	11,819 (93.0)	100.0	15.0 (0.30)	37.3 (0.40)	20.3 (0.33)	13.1 (0.28)	11.4 (0.27)	2.8 (0.14)	
Sales and office occupations .....	17,102 (108.8)	100.0	4.1 (0.14)	31.7 (0.32)	24.1 (0.30)	13.7 (0.24)	21.7 (0.29)	4.6 (0.15)	
Natural resources, construction, and maintenance .....	572 (21.6)	100.0	25.2 (1.64)	28.4 (1.71)	18.7 (1.48)	11.6 (1.21)	13.3 (1.29)	2.8 (0.62)	
Production, transportation, and material moving .....	3,453 (52.4)	100.0	18.5 (0.60)	43.4 (0.76)	17.5 (0.59)	9.4 (0.45)	9.5 (0.45)	1.7 (0.20)	
<b>2017</b>									
<b>All persons</b> .....	<b>134,132 (213.0)</b>	<b>100.0</b>	<b>7.2 (0.07)</b>	<b>25.5 (0.11)</b>	<b>16.0 (0.10)</b>	<b>11.1 (0.08)</b>	<b>25.1 (0.11)</b>	<b>15.2 (0.09)</b>	
Management, professional, and related .....	57,190 (196.7)	100.0	1.3 (0.04)	10.1 (0.12)	10.6 (0.12)	10.0 (0.12)	37.4 (0.19)	30.7 (0.19)	
Management, business, and financial operations .....	24,298 (141.3)	100.0	2.2 (0.09)	15.0 (0.22)	13.8 (0.21)	8.8 (0.18)	38.9 (0.30)	21.4 (0.25)	
Professional and related .....	32,892 (160.6)	100.0	0.6 (0.04)	6.4 (0.13)	8.3 (0.15)	10.9 (0.17)	36.3 (0.26)	37.5 (0.26)	
Education, training, and library .....	8,429 (86.7)	100.0	0.5 (0.08)	6.4 (0.26)	6.7 (0.26)	5.6 (0.24)	34.3 (0.50)	46.4 (0.52)	
Preschool and kindergarten teachers .....	611 (23.8)	100.0	† (†)	13.1 (1.31)	17.2 (1.47)	13.4 (1.33)	37.6 (1.89)	18.0 (1.50)	
Elementary and middle school teachers .....	3,111 (53.3)	100.0	0.3 ! (0.09)	2.7 (0.28)	2.1 (0.25)	2.3 (0.26)	43.4 (0.86)	49.1 (0.86)	
Secondary school teachers .....	1,005 (30.5)	100.0	† (†)	1.0 ! (0.30)	1.0 ! (0.30)	1.4 (0.36)	39.4 (1.49)	57.0 (1.50)	
Special education teachers .....	402 (19.3)	100.0	# (†)	5.5 (1.09)	4.2 (0.97)	4.0 (0.94)	36.3 (2.31)	50.0 (2.40)	
Postsecondary teachers .....	1,299 (34.6)	100.0	‡ (†)	1.4 (0.31)	1.2 (0.29)	2.1 (0.38)	14.4 (0.94)	80.8 (1.05)	
Other education, training, and library workers .....	2,004 (42.9)	100.0	1.5 (0.26)	16.3 (0.79)	17.7 (0.82)	13.2 (0.73)	29.0 (0.98)	22.4 (0.90)	
Service occupations .....	20,842 (132.1)	100.0	15.0 (0.24)	36.4 (0.32)	19.3 (0.26)	12.6 (0.22)	13.6 (0.23)	3.0 (0.11)	
Sales and office occupations .....	27,781 (149.7)	100.0	3.9 (0.11)	30.0 (0.26)	22.4 (0.24)	12.6 (0.19)	25.1 (0.25)	5.9 (0.14)	
Natural resources, construction, and maintenance .....	12,625 (105.0)	100.0	19.5 (0.34)	42.4 (0.42)	17.0 (0.32)	11.8 (0.28)	7.8 (0.23)	1.6 (0.11)	
Production, transportation, and material moving .....	15,694 (116.1)	100.0	14.5 (0.27)	45.9 (0.38)	18.8 (0.30)	9.4 (0.22)	9.3 (0.22)	2.2 (0.11)	
<b>Males</b> .....	<b>71,638 (130.5)</b>	<b>100.0</b>	<b>8.6 (0.09)</b>	<b>27.9 (0.15)</b>	<b>15.9 (0.12)</b>	<b>9.7 (0.10)</b>	<b>23.9 (0.14)</b>	<b>14.0 (0.12)</b>	
Management, professional, and related .....	27,915 (127.8)	100.0	1.6 (0.07)	11.0 (0.17)	10.8 (0.17)	8.0 (0.15)	37.9 (0.26)	30.6 (0.25)	
Management, business, and financial operations .....	13,696 (97.8)	100.0	2.7 (0.12)	16.1 (0.28)	13.6 (0.26)	7.7 (0.20)	39.0 (0.37)	20.9 (0.31)	
Professional and related .....	14,219 (99.3)	100.0	0.6 (0.06)	6.2 (0.18)	8.1 (0.21)	8.4 (0.21)	36.8 (0.36)	39.9 (0.37)	
Education, training, and library .....	2,265 (42.3)	100.0	0.5 (0.14)	3.4 (0.34)	4.9 (0.41)	3.5 (0.35)	30.9 (0.87)	56.7 (0.94)	
Service occupations .....	9,020 (81.4)	100.0	15.0 (0.34)	35.4 (0.45)	19.5 (0.37)	11.5 (0.30)	15.4 (0.34)	3.3 (0.17)	
Sales and office occupations .....	10,646 (87.7)	100.0	3.9 (0.17)	27.6 (0.39)	21.1 (0.36)	10.5 (0.27)	29.7 (0.40)	7.2 (0.23)	
Natural resources, construction, and maintenance .....	11,992 (92.4)	100.0	19.3 (0.32)	42.9 (0.41)	17.0 (0.31)	11.8 (0.26)	7.4 (0.21)	1.5 (0.10)	
Production, transportation, and material moving .....	12,065 (92.6)	100.0	13.3 (0.28)	46.8 (0.41)	19.0 (0.32)	9.6 (0.24)	9.3 (0.24)	2.0 (0.12)	
<b>Females</b> .....	<b>62,494 (148.8)</b>	<b>100.0</b>	<b>5.7 (0.08)</b>	<b>22.7 (0.15)</b>	<b>16.1 (0.13)</b>	<b>12.6 (0.12)</b>	<b>26.4 (0.16)</b>	<b>16.5 (0.13)</b>	
Management, professional, and related .....	29,275 (132.7)	100.0	0.9 (0.05)	9.1 (0.15)	10.5 (0.16)	11.9 (0.17)	36.9 (0.26)	30.7 (0.24)	
Management, business, and financial operations .....	10,602 (88.6)	100.0	1.5 (0.11)	13.5 (0.30)	14.0 (0.30)	10.2 (0.27)	38.7 (0.43)	22.1 (0.36)	
Professional and related .....	18,673 (112.7)	100.0	0.6 (0.05)	6.6 (0.16)	8.5 (0.18)	12.8 (0.22)	35.9 (0.32)	35.6 (0.32)	
Education, training, and library .....	6,164 (69.1)	100.0	0.5 (0.08)	7.5 (0.30)	7.4 (0.30)	6.4 (0.28)	35.5 (0.55)	42.6 (0.57)	
Service occupations .....	11,822 (93.0)	100.0	15.1 (0.30)	37.1 (0.40)	19.3 (0.33)	13.5 (0.28)	12.2 (0.27)	2.9 (0.14)	
Sales and office occupations .....	17,134 (108.9)	100.0	3.9 (0.13)	31.5 (0.32)	23.2 (0.29)	14.0 (0.24)	22.3 (0.29)	5.1 (0.15)	
Natural resources, construction, and maintenance .....	633 (22.7)	100.0	23.5 (1.53)	31.8 (1.68)	15.3 (1.30)	10.9 (1.12)	14.8 (1.28)	3.6 (0.67)	
Production, transportation, and material moving .....	3,629 (53.6)	100.0	18.4 (0.58)	42.7 (0.74)	18.4 (0.58)	9.0 (0.43)	9.0 (0.43)	2.5 (0.24)	

†Not applicable.  
#Rounds to zero.  
!Interpret data with caution. The coefficient of variation (CV) for this estimate is between 30 and 50 percent.  
‡Reporting standards not met. Either there are too few cases for a reliable estimate or the coefficient of variation (CV) is 50 percent or greater.

NOTE: Detail may not sum to totals because of rounding. Some data have been revised from previously published figures.  
SOURCE: U.S. Department of Labor, Bureau of Labor Statistics, Office of Employment and Unemployment Statistics, unpublished 2016 and 2017 annual average data from the Current Population Survey (CPS). (This table was prepared July 2018.)

**Table 502.20. Median annual earnings, number, and percentage of full-time year-round workers 25 years old and over, by highest level of educational attainment and sex: 1990 through 2016**

[Standard errors appear in parentheses]

Sex and year	Total	Elementary/secondary					College													
		Less than 9th grade	Some high school, no completion <sup>1</sup>	High school completion (includes equivalency) <sup>2</sup>	Some college, no degree <sup>3</sup>	Associate's degree	Bachelor's or higher degree <sup>4</sup>													
							Total	Bachelor's degree <sup>5</sup>	Master's degree	Professional degree	Doctor's degree									
1	2	3	4	5	6	7	8	9	10	11	12									
Current dollars																				
<b>Males</b>																				
1990.....	\$30,730	(—)	\$17,390	(—)	\$20,900	(—)	\$26,650	(—)	\$31,730	(—)	\$42,670	(—)	\$39,240	(—)	\$49,730	(†)	\$74,000	(†)	\$57,190	(†)
1991.....	31,610	(—)	17,620	(—)	21,400	(—)	26,780	(—)	31,660	(—)	\$33,820	(†)	45,140	(—)	40,910	(—)	45,140	(—)	51,440	(—)
1992.....	32,060	(120)	17,290	(—)	21,270	(—)	27,280	(175)	32,100	(—)	33,430	(—)	45,800	(304)	41,360	(—)	49,970	(—)	51,870	(—)
1993.....	32,360	(124)	16,860	(—)	21,750	(—)	27,370	(204)	32,080	(—)	33,690	(—)	47,740	(536)	42,760	(—)	51,870	(—)	62,240	(—)
1994.....	33,440	(246)	17,530	(453)	22,050	(319)	28,040	(322)	32,280	(300)	35,790	(430)	49,230	(707)	43,660	(633)	53,500	(854)	75,010	(3,040)
1995.....	34,550	(275)	18,350	(545)	22,190	(342)	29,510	(358)	33,880	(517)	35,200	(535)	50,480	(312)	45,270	(510)	55,220	(973)	79,670	(2,582)
1996.....	35,620	(150)	17,960	(594)	22,720	(414)	30,710	(184)	34,850	(456)	37,130	(435)	51,440	(303)	45,850	(458)	60,510	(945)	85,960	(3,317)
1997.....	36,680	(149)	19,290	(629)	24,730	(466)	31,220	(171)	35,950	(293)	38,020	(774)	53,450	(755)	48,620	(851)	61,690	(771)	85,010	(4,253)
1998.....	37,910	(291)	19,380	(600)	23,960	(547)	31,480	(169)	36,930	(291)	40,270	(539)	56,520	(421)	51,410	(349)	62,240	(847)	94,740	(12,105)
1999.....	40,330	(144)	20,430	(444)	25,040	(535)	33,180	(388)	39,220	(581)	41,640	(459)	60,200	(439)	52,990	(722)	66,240	(690)	100,000	(37,836)
2000.....	41,060	(156)	20,790	(420)	25,100	(436)	34,300	(457)	40,340	(312)	41,950	(460)	61,870	(303)	56,330	(573)	68,320	(1,506)	99,410	(20,832)
2001.....	41,620	(104)	21,360	(235)	26,210	(251)	34,720	(289)	41,050	(214)	42,780	(561)	62,220	(279)	55,930	(335)	70,900	(687)	100,000	(—)
2002.....	41,150	(100)	20,920	(213)	25,900	(207)	33,210	(311)	40,850	(195)	42,860	(673)	61,700	(201)	56,080	(385)	67,280	(1,284)	100,000	(—)
2003.....	41,940	(90)	21,220	(227)	26,470	(280)	35,410	(168)	41,350	(182)	42,870	(719)	62,080	(187)	56,500	(365)	70,640	(562)	100,000	(—)
2004.....	42,090	(89)	21,660	(191)	26,280	(234)	35,730	(148)	41,900	(175)	44,400	(931)	62,800	(798)	57,220	(393)	71,530	(490)	100,000	(—)
2005.....	43,320	(367)	22,330	(220)	27,190	(237)	36,300	(141)	42,420	(323)	47,180	(367)	66,170	(356)	60,020	(653)	75,030	(1,229)	100,000	(—)
2006.....	45,760	(134)	22,710	(398)	27,650	(573)	37,030	(164)	43,830	(812)	47,070	(390)	66,930	(346)	60,910	(235)	75,430	(859)	100,000	(—)
2007.....	47,000	(130)	23,380	(544)	29,320	(590)	37,860	(406)	44,900	(585)	49,040	(801)	70,400	(241)	62,090	(236)	76,280	(416)	100,000	(—)
2008.....	49,000	(339)	24,260	(631)	29,680	(458)	39,010	(399)	45,820	(276)	50,150	(344)	72,220	(236)	65,800	(388)	80,960	(468)	100,000	(—)
2009.....	49,990	(201)	23,950	(394)	28,020	(542)	39,480	(379)	47,100	(347)	50,300	(238)	71,470	(239)	62,440	(707)	79,340	(1,568)	123,240	(2,539)
2010.....	50,360	(93)	24,450	(597)	29,440	(684)	40,060	(237)	46,430	(348)	50,280	(245)	71,780	(267)	63,740	(1,115)	80,960	(453)	115,300	(4,891)
2011.....	50,660	(25)	25,220	(23)	30,420	(300)	40,450	(87)	47,070	(78)	50,930	(212)	73,850	(490)	66,200	(25)	83,030	(755)	119,470	(1,917)
2012.....	50,950	(144)	25,130	(440)	30,330	(430)	40,350	(194)	47,190	(407)	50,960	(329)	75,320	(565)	66,150	(570)	85,120	(1,412)	116,350	(5,632)
2013.....	51,120	(149)	26,160	(531)	30,570	(551)	40,290	(227)	47,650	(739)	51,000	(493)	76,110	(485)	67,240	(992)	86,310	(1,429)	126,730	(8,647)
2014.....	51,400	(133)	26,580	(382)	30,840	(492)	40,930	(197)	46,900	(429)	51,110	(345)	75,910	(391)	68,160	(1,282)	84,760	(5,986)	100,710	(852)
2015.....	52,310	(152)	27,160	(460)	32,140	(320)	41,570	(184)	49,670	(708)	52,070	(352)	79,320	(1,350)	71,390	(420)	86,740	(1,632)	131,190	(7,197)
2016.....	53,740	(725)	30,350	(500)	32,490	(1,237)	41,890	(180)	49,240	(784)	52,120	(462)	80,320	(446)	71,630	(383)	88,430	(2,215)	117,550	(7,311)
<b>Females</b>																				
1990.....	21,370	(—)	12,250	(—)	14,430	(—)	18,320	(—)	22,230	(—)	25,000	(†)	30,380	(—)	28,020	(—)	34,950	(†)	46,740	(†)
1991.....	22,040	(—)	12,070	(—)	14,460	(—)	18,840	(—)	22,140	(—)	25,000	(—)	31,310	(—)	29,080	(—)	36,040	(—)	46,260	(—)
1992.....	23,140	(159)	12,960	(—)	14,560	(—)	19,430	(176)	23,160	(—)	25,620	(—)	32,300	(—)	30,330	(294)	36,040	(—)	47,250	(—)
1993.....	23,630	(166)	12,420	(—)	15,390	(—)	19,960	(173)	23,060	(—)	25,880	(—)	34,310	(—)	31,200	(310)	38,610	(—)	50,210	(—)
1994.....	24,400	(165)	12,430	(427)	15,130	(328)	20,370	(158)	23,510	(327)	25,940	(295)	35,380	(280)	31,740	(314)	39,460	(606)	50,620	(2,154)
1995.....	24,880	(160)	13,580	(490)	15,830	(293)	20,460	(162)	24,000	(274)	27,310	(428)	35,260	(313)	32,050	(273)	40,260	(556)	50,000	(2,532)
1996.....	25,810	(131)	14,410	(559)	16,950	(333)	21,180	(143)	25,170	(267)	28,080	(526)	36,460	(296)	33,530	(437)	41,900	(564)	57,620	(3,835)
1997.....	26,970	(134)	14,160	(492)	16,700	(335)	22,070	(148)	26,340	(291)	28,810	(660)	38,040	(481)	35,380	(295)	44,950	(837)	61,050	(4,737)
1998.....	27,960	(199)	14,470	(429)	16,480	(322)	22,780	(254)	27,420	(271)	29,920	(513)	39,790	(408)	36,560	(305)	45,280	(760)	57,570	(1,705)
1999.....	28,840	(216)	15,100	(492)	17,020	(298)	23,060	(279)	27,760	(369)	30,920	(318)	41,750	(275)	37,990	(614)	48,100	(862)	59,900	(4,479)
2000.....	30,330	(138)	15,800	(327)	17,920	(434)	24,970	(236)	28,700	(364)	31,070	(307)	42,710	(439)	40,420	(284)	50,140	(735)	58,960	(3,552)
2001.....	31,360	(91)	16,690	(255)	19,160	(359)	25,300	(132)	30,420	(186)	32,150	(231)	44,780	(367)	40,990	(231)	50,670	(328)	61,750	(3,976)
2002.....	31,010	(83)	16,510	(297)	19,310	(360)	25,180	(121)	29,400	(299)	31,630	(211)	43,250	(568)	40,850	(173)	48,890	(595)	57,020	(2,421)
2003.....	31,570	(85)	16,910	(256)	18,940	(327)	26,070	(118)	30,140	(176)	32,250	(241)	45,120	(291)	41,330	(204)	50,160	(454)	66,490	(3,469)
2004.....	31,990	(80)	17,020	(241)	19,160	(319)	26,030	(116)	30,820	(135)	33,480	(489)	45,910	(229)	41,680	(172)	51,320	(263)	75,040	(2,436)
2005.....	33,080	(242)	16,140	(250)	20,130	(274)	26,290	(134)	31,400	(165)	33,940	(497)	46,950	(232)	42,170	(179)	51,410	(283)	80,460	(2,774)
2006.....	35,100	(113)	18,130	(408)	20,130	(270)	26,740	(136)	31,950	(165)	35,160	(376)	49,570	(441)	45,410	(259)	52,440	(561)	76,240	(2,488)
2007.....	36,090	(105)	18,260	(461)	20,400	(292)	27,240	(133)	32,840	(415)	36,330	(283)	50,400	(158)	45,770	(262)	55,430	(412)	71,100	(910)
2008.....	36,700	(109)	18,630	(494)	20,410	(295)	28,380	(233)	32,630	(355)	36,760	(243)	51,410	(145)	47,030	(237)	57,510	(745)	71,300	(2,859)
2009.....	37,260	(107)	18,480	(451)	21,230	(301)	29,150	(273)	34,090	(483)	37,270	(310)	51,880	(169)	46,830	(260)	61,070	(304)	83,910	(3,210)
2010.....	38,290	(272)	18,240	(592)	20,880	(334)	29,860	(260)	33,400	(410)	37,790	(588)	51,940	(159)	47,440	(336)	59,100	(1,021)	76,740	(2,723)
2011.....	38,910	(216)	20,100	(250)	21,110	(131)	30,010	(145)	34,590	(512)	39,290	(40)	52,140	(88)	49,110	(103)	60,300	(533)	80,720	(1,135)
2012.....	39,980	(294)	20,060	(514)	21,390	(285)	30,410	(165)	35,060	(452)	37,320	(455)	53,690	(888)	50,170	(290)	60,930	(464)	94,470	(6,655)
2013.....	40,610	(134)	19,840	(502)	22,250	(544)	30,800	(173)	35,240	(312)	37,700	(751)	55,720	(416)	50,750	(341)	61,280	(561)	85,400	(6,196)
2014.....	40,830	(151)	20,990	(279)	21,990	(322)	30,650	(151)												

**Table 502.20. Median annual earnings, number, and percentage of full-time year-round workers 25 years old and over, by highest level of educational attainment and sex: 1990 through 2016—Continued**  
[Standard errors appear in parentheses]

Sex and year	Total	Elementary/secondary				College														
		Less than 9th grade	Some high school, no completion <sup>1</sup>	High school completion (includes equivalency) <sup>2</sup>	Some college, no degree <sup>3</sup>	Associate's degree	Bachelor's or higher degree <sup>4</sup>													
							Total	Bachelor's degree <sup>5</sup>	Master's degree	Professional degree	Doctor's degree									
1	2	3	4	5	6	7	8	9	10	11	12									
Constant 2016 dollars <sup>7</sup>																				
<b>Males</b>																				
1990.....	\$56,454	(—)	\$31,950	(—)	\$38,400	(—)	\$48,960	(—)	\$58,290	(—)	\$78,380	(—)	\$72,080	(—)	\$87,640	(—)	\$130,400	(—)	\$100,780	(—)
1991.....	55,710	(—)	31,060	(—)	37,720	(—)	47,190	(—)	55,800	(—)	59,590	(—)	79,550	(—)	72,090	(—)	85,480	(—)	98,210	(—)
1992.....	54,830	(205)	29,580	(—)	36,390	(—)	46,660	(299)	54,910	(—)	57,190	(—)	78,340	(—)	70,740	(520)	86,170	(—)	104,920	(—)
1993.....	53,760	(206)	28,020	(—)	36,140	(—)	45,470	(339)	53,290	(—)	55,970	(—)	79,320	(—)	71,040	(891)	86,170	(—)	104,920	(—)
1994.....	54,150	(398)	28,390	(734)	35,700	(517)	45,400	(521)	52,270	(486)	57,960	(696)	79,710	(1,145)	70,700	(1,025)	86,630	(1,383)	100,260	(2,621)
1995.....	54,420	(433)	28,910	(858)	34,940	(539)	46,480	(564)	53,370	(814)	55,440	(843)	79,510	(491)	71,300	(803)	86,970	(1,532)	102,910	(3,446)
1996.....	54,510	(230)	27,480	(909)	34,760	(633)	46,990	(282)	53,320	(698)	56,820	(666)	78,710	(464)	70,150	(701)	92,590	(1,446)	108,990	(5,144)
1997.....	54,840	(223)	28,840	(940)	36,970	(697)	46,670	(256)	53,750	(438)	56,850	(1,157)	79,920	(1,129)	72,690	(1,272)	92,240	(1,153)	113,990	(5,399)
1998.....	55,810	(428)	28,530	(883)	35,270	(805)	46,350	(249)	54,380	(428)	59,300	(794)	83,220	(620)	75,690	(514)	91,650	(1,247)	110,540	(3,691)
1999.....	58,110	(207)	29,430	(640)	36,070	(771)	47,810	(559)	56,510	(837)	59,990	(661)	86,740	(633)	76,340	(1,040)	95,450	(994)	117,700	(5,696)
2000.....	57,230	(217)	28,980	(524)	34,980	(608)	47,810	(637)	56,220	(435)	58,470	(641)	86,230	(422)	78,520	(799)	95,230	(2,099)	111,850	(3,409)
2001.....	56,410	(141)	28,950	(319)	35,530	(340)	47,070	(405)	55,630	(290)	57,980	(760)	84,340	(378)	75,810	(454)	96,100	(931)	117,880	(4,084)
2002.....	54,910	(133)	27,910	(284)	34,560	(276)	44,310	(415)	54,510	(260)	57,180	(898)	82,330	(268)	74,820	(514)	89,770	(1,727)	111,150	(2,770)
2003.....	54,720	(117)	27,680	(296)	34,530	(365)	46,200	(219)	53,950	(237)	55,930	(938)	80,990	(244)	73,720	(476)	92,160	(733)	113,680	(3,298)
2004.....	53,480	(113)	27,520	(243)	33,390	(297)	45,390	(188)	53,230	(222)	56,420	(1,183)	79,790	(1,014)	72,710	(499)	90,890	(623)	104,700	(3,079)
2005.....	53,240	(451)	27,440	(270)	33,410	(291)	44,610	(173)	52,130	(397)	57,980	(451)	81,320	(438)	73,760	(803)	92,200	(1,510)	105,520	(3,762)
2006.....	54,480	(160)	27,040	(474)	32,920	(682)	44,090	(195)	52,190	(967)	56,040	(464)	79,690	(412)	72,510	(280)	89,810	(1,023)	119,060	(—)
2007.....	54,410	(150)	27,060	(630)	33,940	(683)	43,820	(470)	51,970	(677)	56,770	(927)	81,490	(279)	71,870	(273)	88,300	(482)	106,600	(2,192)
2008.....	54,620	(378)	27,040	(703)	33,080	(511)	43,480	(445)	51,080	(308)	55,900	(383)	80,500	(263)	73,350	(433)	90,250	(522)	111,470	(—)
2009.....	55,930	(225)	26,790	(441)	31,350	(606)	44,160	(424)	52,690	(388)	56,280	(266)	79,950	(267)	69,860	(791)	88,760	(1,754)	112,700	(581)
2010.....	55,430	(102)	26,910	(657)	32,400	(753)	44,090	(261)	51,110	(383)	55,340	(270)	79,000	(294)	70,150	(1,227)	89,110	(499)	111,410	(719)
2011.....	54,050	(27)	26,910	(25)	32,460	(320)	43,160	(93)	50,230	(83)	54,340	(226)	78,800	(523)	70,630	(27)	88,590	(806)	107,520	(2,05)
2012.....	53,270	(151)	26,270	(460)	31,700	(450)	42,180	(203)	49,330	(425)	53,270	(344)	78,740	(591)	69,150	(596)	88,980	(1,476)	111,300	(4,867)
2013.....	52,660	(154)	26,950	(547)	31,490	(568)	41,510	(234)	49,090	(761)	52,540	(508)	78,410	(500)	69,270	(1,022)	88,920	(1,472)	108,470	(2,770)
2014.....	52,110	(135)	26,950	(387)	31,260	(387)	41,500	(200)	47,540	(435)	51,820	(350)	76,960	(396)	69,100	(1,300)	85,930	(2,015)	102,100	(864)
2015.....	52,960	(154)	27,500	(466)	32,550	(324)	42,090	(186)	50,300	(717)	52,730	(356)	80,320	(1,367)	72,290	(425)	87,830	(1,653)	103,630	(4,862)
2016.....	53,740	(725)	30,350	(500)	32,490	(1,237)	41,890	(180)	49,240	(784)	52,120	(462)	80,320	(446)	71,630	(383)	88,430	(2,215)	120,430	(4,017)
<b>Females</b>																				
1990.....	39,260	(—)	22,500	(—)	26,500	(—)	33,650	(—)	40,830	(—)	44,060	(—)	55,800	(—)	51,460	(—)	61,590	(—)	76,310	(—)
1991.....	38,850	(—)	21,260	(—)	25,470	(—)	33,190	(—)	39,020	(—)	44,060	(—)	55,180	(—)	51,250	(—)	61,590	(—)	76,310	(—)
1992.....	39,580	(272)	22,160	(—)	24,900	(—)	33,230	(301)	39,610	(—)	43,830	(—)	55,250	(—)	51,870	(503)	61,640	(—)	79,120	(—)
1993.....	39,260	(276)	20,630	(—)	25,560	(—)	33,170	(287)	38,310	(—)	43,000	(—)	57,000	(—)	51,830	(515)	64,150	(—)	78,500	(—)
1994.....	39,510	(267)	20,130	(691)	24,500	(531)	32,990	(256)	38,070	(529)	42,000	(478)	57,280	(453)	51,400	(508)	63,890	(981)	82,770	(4,676)
1995.....	39,180	(252)	21,380	(772)	24,920	(461)	32,230	(255)	37,800	(432)	43,020	(674)	55,530	(493)	50,480	(430)	63,420	(876)	78,750	(3,988)
1996.....	39,490	(200)	22,060	(855)	25,940	(510)	32,400	(219)	38,510	(409)	42,970	(805)	55,790	(453)	51,300	(669)	64,120	(863)	86,100	(5,050)
1997.....	40,330	(200)	21,170	(736)	24,970	(501)	32,990	(221)	39,380	(435)	43,080	(987)	56,870	(719)	52,900	(441)	67,210	(1,251)	79,300	(5,422)
1998.....	41,160	(293)	21,300	(632)	24,270	(474)	33,540	(374)	40,370	(399)	44,060	(755)	58,580	(601)	53,830	(449)	66,670	(1,119)	84,760	(2,770)
1999.....	41,560	(311)	21,750	(709)	24,520	(429)	33,230	(402)	39,990	(532)	44,550	(458)	60,150	(396)	54,740	(885)	69,300	(1,242)	86,560	(4,510)
2000.....	42,270	(192)	22,020	(456)	24,970	(605)	34,800	(329)	40,000	(507)	43,310	(428)	59,520	(612)	56,330	(396)	69,880	(1,024)	82,170	(4,180)
2001.....	42,500	(123)	22,820	(346)	25,970	(487)	34,300	(179)	41,230	(252)	43,580	(313)	60,690	(497)	55,570	(313)	68,680	(445)	83,700	(3,020)
2002.....	41,380	(111)	22,030	(396)	25,760	(480)	33,600	(161)	39,230	(399)	42,200	(282)	57,700	(758)	54,510	(231)	65,230	(794)	76,080	(3,026)
2003.....	41,180	(111)	22,060	(334)	24,710	(427)	34,020	(154)	39,330	(230)	42,080	(314)	58,860	(380)	53,920	(266)	65,450	(592)	86,750	(3,212)
2004.....	40,650	(102)	21,630	(306)	24,350	(405)	33,070	(147)	39,160	(172)	42,540	(621)	58,340	(291)	52,960	(219)	65,210	(334)	87,520	(3,113)
2005.....	40,650	(297)	19,840	(307)	24,730	(337)	32,310	(165)	38,590	(203)	41,710	(611)	57,700	(285)	51,830	(220)	63,180	(348)	98,880	(3,409)
2006.....	41,780	(135)	21,590	(486)	23,970	(321)	31,830	(162)	38,040	(196)	41,860	(448)	59,020	(525)	54,060	(308)	62,430	(668)	90,770	(2,118)
2007.....	41,770	(122)	21,140	(534)	23,610	(338)	31,530	(154)	38,010	(480)	42,060	(328)	58,340	(183)	52,980	(303)	64,160	(477)	82,300	(2,495)
2008.....	40,910	(122)	20,770	(551)	22,750	(329)	31,640	(315)	36,370	(396)	40,980	(271)	57,310	(162)	52,420	(264)	64,110	(830)	79,480	(2,390)
2009.....	41,690	(120)	20,670	(505)	23,750	(337)	32,610	(305)	38,130	(540)	41,690	(347)	58,040	(189)	52,390	(291)	68,320	(340)	93,870	(3,591)
2010.....	42,150	(299)	20,080	(652)	22,990	(368)	32,860	(286)	36,760	(451)	41,580	(647)	57,170	(175)	52,210	(370)	65,050	(1,124)	84,460	(2,997)
2011.....	41,520	(230)	21,450	(267)	22,530	(140)	32,020	(155)	36,910	(546)	41,920	(43)	55,630	(94)	52,400	(110)	64,340	(569)	86,130	(22)
2012.....	41,790	(307)	20,970	(537)	22,360	(298)	31,790	(172)	36,650	(472)	39,010	(476)	56,120	(928)	52,450	(303)	63,690	(485)	98,760	(6,957)
2013.....	41,840	(138)	20,440	(517)	22,920	(560)	31,730	(178)	36,310	(321)	38,850	(774)	57,410	(429)	52,280	(351)	63,140	(5		

**Table 502.20. Median annual earnings, number, and percentage of full-time year-round workers 25 years old and over, by highest level of educational attainment and sex: 1990 through 2016—Continued**  
 [Standard errors appear in parentheses]

Sex and year	Total	Elementary/secondary					College				
		Less than 9th grade	Some high school, no completion <sup>1</sup>	High school completion (includes equivalency) <sup>2</sup>	Some college, no degree <sup>3</sup>	Associate's degree	Bachelor's or higher degree <sup>4</sup>				
							Total	Bachelor's degree <sup>5</sup>	Master's degree	Professional degree	Doctor's degree
1	2	3	4	5	6	7	8	9	10	11	12
Number of persons with earnings who worked full time, year round (in thousands)											
<b>Males</b>											
1990.....	44,406 (268.6)	2,250 (73.9)	3,315 (89.3)	16,394 (188.0)	9,113 (144.6)	[6] (†)	13,334 (171.8)	7,569 (132.6)	[6] (†)	[6] (†)	[6] (†)
1991.....	44,199 (268.3)	1,807 (66.3)	3,083 (86.2)	15,025 (181.1)	8,034 (136.4)	2,899 (83.6)	13,350 (171.9)	8,456 (139.7)	3,073 (86.1)	1,147 (53.0)	674 (40.7)
1992.....	44,752 (269.1)	1,815 (66.5)	3,009 (85.2)	14,722 (179.5)	8,067 (136.6)	3,203 (87.8)	13,937 (175.2)	8,719 (141.7)	3,178 (87.5)	1,295 (56.3)	745 (42.8)
1993.....	45,873 (270.6)	1,790 (66.0)	3,083 (86.2)	14,604 (178.9)	8,493 (140.0)	3,557 (92.4)	14,346 (177.5)	9,178 (145.1)	3,131 (86.8)	1,231 (54.9)	808 (44.5)
1994.....	47,566 (303.0)	1,895 (69.2)	3,057 (87.6)	15,109 (188.5)	8,783 (146.2)	3,735 (96.6)	14,987 (187.8)	9,636 (152.8)	3,225 (89.9)	1,258 (56.4)	868 (46.9)
1995.....	48,500 (306.1)	1,946 (72.8)	3,335 (94.9)	15,331 (195.6)	8,908 (152.3)	3,926 (102.8)	15,054 (194.0)	9,597 (157.8)	3,395 (95.7)	1,208 (57.5)	853 (48.4)
1996.....	49,764 (301.1)	2,041 (69.2)	3,441 (89.6)	15,840 (186.5)	9,173 (144.2)	3,931 (95.6)	15,339 (183.7)	9,898 (149.6)	3,272 (87.4)	1,277 (54.8)	893 (45.9)
1997.....	50,807 (299.0)	1,914 (67.0)	3,548 (90.9)	16,225 (187.8)	9,170 (143.9)	4,086 (97.4)	15,864 (185.9)	10,349 (152.4)	3,228 (86.7)	1,321 (55.8)	966 (47.7)
1998.....	52,361 (306.4)	1,870 (66.3)	3,613 (91.7)	16,442 (189.7)	9,375 (145.7)	4,347 (100.4)	16,733 (191.2)	11,058 (157.6)	3,414 (89.2)	1,264 (54.6)	998 (48.5)
1999.....	53,062 (307.8)	1,993 (68.4)	3,295 (87.7)	16,589 (190.5)	9,684 (148.0)	4,359 (100.6)	17,142 (193.3)	11,142 (158.2)	3,725 (93.1)	1,267 (54.6)	1,008 (48.8)
2000.....	54,065 (309.7)	1,968 (68.0)	3,354 (88.4)	16,834 (191.7)	9,792 (148.8)	4,729 (104.7)	17,387 (194.6)	11,395 (159.9)	3,680 (92.6)	1,274 (54.8)	1,038 (49.5)
2001.....	54,013 (224.8)	2,207 (51.4)	3,503 (64.5)	16,314 (135.4)	9,494 (104.9)	4,714 (74.7)	17,780 (144.9)	11,479 (114.8)	3,961 (68.5)	1,298 (39.5)	1,041 (35.4)
2002.....	54,108 (225.0)	2,154 (50.7)	3,680 (66.1)	16,005 (134.2)	9,603 (105.5)	4,399 (72.2)	18,267 (142.7)	11,829 (116.5)	4,065 (69.4)	1,308 (39.6)	1,065 (35.8)
2003.....	54,253 (225.2)	2,209 (51.4)	3,369 (63.3)	16,285 (135.3)	9,340 (104.1)	4,696 (74.5)	18,354 (143.0)	11,846 (116.6)	4,124 (69.9)	1,348 (40.2)	1,037 (35.3)
2004.....	55,469 (227.0)	2,427 (53.8)	3,468 (64.2)	17,067 (138.3)	9,257 (103.6)	4,913 (76.2)	18,338 (142.9)	11,701 (115.9)	4,243 (70.9)	1,305 (39.6)	1,088 (36.1)
2005.....	56,717 (228.7)	2,425 (53.8)	3,652 (65.9)	17,266 (139.0)	9,532 (105.1)	5,022 (77.0)	18,820 (144.7)	12,032 (117.4)	4,275 (71.2)	1,369 (40.5)	1,144 (37.1)
2006.....	58,109 (230.6)	2,361 (53.1)	3,872 (67.8)	17,369 (139.4)	9,493 (104.9)	5,110 (77.7)	19,903 (148.4)	12,764 (120.7)	4,542 (73.3)	1,425 (41.3)	1,172 (37.5)
2007.....	58,147 (230.7)	2,142 (50.6)	3,451 (64.0)	17,224 (138.9)	9,867 (106.8)	5,244 (78.7)	20,218 (149.5)	12,962 (121.6)	4,800 (75.3)	1,332 (40.0)	1,125 (36.7)
2008.....	55,655 (227.2)	1,982 (48.7)	3,118 (60.9)	16,195 (135.0)	9,515 (105.0)	5,020 (77.0)	19,825 (148.1)	12,609 (120.0)	4,709 (74.6)	1,388 (40.8)	1,119 (36.0)
2009.....	52,445 (222.5)	1,561 (43.2)	2,795 (57.7)	15,258 (131.3)	8,609 (100.1)	4,828 (75.5)	19,395 (146.7)	12,290 (118.6)	4,575 (73.6)	1,319 (39.8)	1,212 (38.1)
2010.....	52,890 (223.2)	1,600 (43.8)	2,615 (55.9)	15,104 (130.7)	8,541 (99.7)	5,042 (77.2)	19,990 (148.7)	12,836 (121.1)	4,670 (74.3)	1,237 (38.5)	1,246 (38.7)
2011.....	54,279 (225.2)	1,848 (47.0)	2,715 (56.9)	15,335 (131.6)	8,752 (100.9)	5,206 (78.4)	20,423 (150.1)	13,013 (121.8)	4,839 (75.6)	1,300 (39.5)	1,271 (39.0)
2012.....	55,208 (226.6)	1,793 (46.3)	2,671 (56.4)	15,295 (131.4)	8,974 (102.1)	5,423 (80.0)	21,052 (152.2)	13,315 (123.2)	5,003 (76.9)	1,301 (39.5)	1,433 (41.4)
2013.....	56,703 (289.3)	1,944 (61.0)	2,910 (74.5)	16,034 (170.0)	8,960 (129.0)	5,605 (102.8)	21,249 (193.4)	13,378 (156.2)	5,146 (88.6)	1,249 (39.0)	1,476 (52.2)
2014.....	58,435 (256.1)	1,994 (54.0)	3,012 (66.2)	16,429 (150.3)	9,281 (114.7)	5,622 (90.0)	22,098 (172.1)	13,969 (139.3)	5,401 (88.2)	1,359 (44.6)	1,369 (44.8)
2015.....	59,690 (264.8)	2,008 (54.2)	2,984 (66.0)	16,286 (150.5)	9,445 (116.0)	5,907 (92.3)	23,059 (176.9)	14,469 (142.4)	5,883 (92.2)	1,256 (42.9)	1,451 (46.1)
2016.....	60,677 (266.4)	1,844 (52.0)	2,828 (64.2)	16,855 (153.0)	9,603 (117.0)	6,091 (93.7)	23,456 (178.3)	14,723 (143.5)	5,975 (92.9)	1,169 (41.4)	1,589 (48.2)
<b>Females</b>											
1990.....	28,636 (234.7)	847 (45.6)	1,861 (67.3)	11,810 (162.8)	6,462 (123.1)	[6] (†)	7,655 (133.3)	4,704 (105.8)	[6] (†)	[6] (†)	[6] (†)
1991.....	29,474 (237.1)	733 (42.4)	1,819 (66.5)	10,959 (157.4)	5,633 (115.3)	2,523 (78.1)	7,807 (134.6)	5,263 (111.6)	2,025 (70.1)	312 (27.7)	206 (22.5)
1992.....	30,346 (239.6)	734 (42.4)	1,659 (63.6)	11,039 (157.9)	5,904 (117.9)	2,655 (80.1)	8,355 (138.9)	5,604 (115.0)	2,192 (72.9)	334 (28.7)	225 (23.5)
1993.....	30,683 (240.5)	765 (43.3)	1,576 (62.0)	10,513 (154.4)	6,279 (121.4)	3,067 (86.0)	8,483 (139.9)	5,735 (116.3)	2,166 (72.5)	323 (28.2)	260 (25.3)
1994.....	31,379 (259.2)	696 (42.0)	1,675 (65.1)	10,785 (161.2)	6,256 (124.2)	3,210 (89.7)	8,756 (146.0)	5,901 (120.8)	2,174 (74.0)	398 (31.8)	283 (26.8)
1995.....	32,673 (268.2)	774 (46.1)	1,763 (69.3)	11,064 (168.6)	6,329 (129.5)	3,336 (94.9)	9,406 (156.3)	6,434 (130.5)	2,268 (78.5)	421 (34.0)	283 (27.9)
1996.....	33,549 (259.0)	750 (42.1)	1,751 (64.1)	11,363 (159.7)	6,582 (122.9)	3,468 (89.9)	9,636 (147.7)	6,689 (123.9)	2,213 (72.0)	413 (31.2)	322 (27.6)
1997.....	34,624 (260.1)	791 (43.2)	1,765 (64.4)	11,475 (160.0)	6,828 (123.2)	3,538 (90.7)	10,427 (153.0)	7,173 (128.0)	2,448 (75.7)	488 (34.0)	318 (27.4)
1998.....	35,628 (265.4)	814 (43.8)	1,878 (68.4)	11,613 (161.3)	7,070 (127.3)	3,527 (90.7)	10,725 (155.4)	7,288 (129.2)	2,639 (78.6)	468 (33.3)	329 (27.9)
1999.....	37,091 (269.7)	886 (45.7)	1,883 (66.5)	11,824 (162.7)	7,453 (130.6)	3,804 (94.1)	11,242 (158.9)	7,607 (131.9)	2,818 (81.2)	470 (33.3)	346 (28.6)
2000.....	37,762 (271.6)	930 (46.8)	1,950 (67.7)	11,789 (162.5)	7,391 (130.0)	4,118 (97.8)	11,584 (161.1)	7,899 (134.3)	2,823 (81.2)	509 (34.7)	353 (28.9)
2001.....	38,228 (197.0)	927 (33.4)	1,869 (47.3)	11,690 (115.8)	7,283 (92.3)	4,190 (70.5)	12,269 (118.5)	8,257 (98.1)	3,089 (60.6)	531 (25.3)	392 (21.7)
2002.....	38,510 (197.6)	858 (32.1)	1,841 (46.9)	11,687 (115.8)	7,354 (92.7)	4,285 (71.2)	12,484 (119.5)	8,229 (97.9)	3,281 (62.5)	572 (26.2)	402 (22.0)
2003.....	38,681 (197.9)	882 (32.6)	1,739 (45.6)	11,587 (115.3)	7,341 (92.6)	4,397 (72.2)	12,735 (120.6)	8,330 (98.5)	3,376 (63.4)	567 (26.1)	462 (23.6)
2004.....	39,072 (198.7)	917 (33.2)	1,797 (46.4)	11,392 (114.4)	7,330 (92.6)	4,505 (73.0)	13,131 (122.4)	8,664 (100.4)	3,451 (64.0)	564 (26.0)	452 (23.3)
2005.....	40,021 (200.6)	902 (32.9)	1,740 (45.6)	11,419 (114.5)	7,452 (93.3)	4,751 (74.9)	13,758 (125.1)	9,074 (102.6)	3,591 (65.3)	657 (28.1)	437 (22.9)
2006.....	41,311 (203.2)	934 (33.5)	1,802 (46.4)	11,652 (115.6)	7,613 (94.3)	4,760 (75.0)	14,549 (128.4)	9,645 (105.7)	3,746 (66.7)	662 (28.2)	497 (24.5)
2007.....	42,196 (204.9)	823 (31.5)	1,649 (44.4)	11,447 (114.7)	7,916 (96.1)	4,891 (76.0)	15,469 (132.1)	9,931 (107.2)	4,389 (72.1)	666 (28.3)	484 (24.1)
2008.....	40,979 (202.5)	814 (31.3)	1,568 (43.3)	10,851 (111.8)	7,456 (93.3)	4,955 (76.5)	15,335 (131.6)	9,856 (106.8)	4,176 (70.3)	653 (30.1)	550 (25.7)
2009.....	40,376 (201.4)	776 (30.5)	1,519 (42.7)	10,467 (109.9)	7,164 (91.6)	4,924 (76.3)	15,526 (132.4)	10,066 (107.9)	4,261 (71.0)	706 (30.7)	592 (26.7)
2010.....	40,196 (201.0)	732 (29.7)	1,371 (40.5)	10,117 (108.1)	7,150 (91.5)	4,999 (76.8)	15,826 (133.5)	9,903 (107.0)	4,576 (73.6)	622 (27.4)	725 (29.5)
2011.....	40,885 (202.4)	779 (30.6)	1,380 (40.7)	10,040 (107.7)	6,989 (90.5)	5,131 (77.8)	16,566 (136.4)	10,537 (110.2)	4,700 (74.6)	635 (27.6)	694 (28.9)
2012.....	41,319 (203.2)	690 (28.8)	1,351 (40.3)	9,870 (106.8)	6,899 (89.9)	5,246 (78.7)	17,263 (139.0)	10,961 (112.3)	4,887 (76.0)	670 (28.4)	745 (29.9)
2013.....	42,021 (258.8)	788 (38.9)	1,309 (50.1)	9,990 (135.9)	7,070 (115.1)	5,253 (99.6)	17,611 (177.5)	11,124 (143.1)	4,963 (96.9)	793 (39.1)	732 (37.5)
2014.....	42,957 (228.5)	796 (34.2)	1,356 (44.6)	9,802 (117.7)	7,241 (101.7)	5,426 (88.4)	18,336 (158.1)	11,420 (126.6)	5,310 (87.5)	776 (33.8)	830 (34.9)
2015.....	44,012 (234.8)	823 (34.8)	1,308 (43.8)	9,739 (117.8)	7,525 (103.9)	5,507 (89.2)	19,109 (162.2)	11,751 (128.9)	5,562 (89.7)	784 (33.9)	1,012 (38.5)
2016.....	44,968 (236.9)	728 (32.7)	1,382 (45.0)	9,832 (118.3)	7,305 (102.4)	5,764 (91.2)	19,957 (165.5)	12,143 (131.0)	5,997 (93.0)	841 (35.1)	976 (37.9)

See notes at end of table.

**Table 502.20. Median annual earnings, number, and percentage of full-time year-round workers 25 years old and over, by highest level of educational attainment and sex: 1990 through 2016—Continued**  
[Standard errors appear in parentheses]

Sex and year	Total	Elementary/secondary			College							
		Less than 9th grade	Some high school, no completion <sup>1</sup>	High school completion (includes equivalency) <sup>2</sup>	Some college, no degree <sup>3</sup>	Associate's degree	Bachelor's or higher degree <sup>4</sup>					
							Total	Bachelor's degree <sup>5</sup>	Master's degree	Professional degree	Doctor's degree	
1	2	3	4	5	6	7	8	9	10	11	12	
Percent of persons with earnings who worked full time, year round <sup>6</sup>												
<b>Males</b>												
1996.....	78.2 (0.25)	64.5 (1.31)	66.9 (1.01)	77.2 (0.45)	78.8 (0.58)	83.8 (0.83)	82.9 (0.43)	83.2 (0.53)	80.6 (0.95)	85.4 (1.40)	85.1 (1.69)	
1997.....	81.6 (0.24)	63.9 (1.35)	69.5 (0.99)	78.7 (0.44)	79.5 (0.58)	81.7 (0.84)	83.3 (0.42)	83.9 (0.51)	80.8 (0.96)	85.4 (1.38)	83.4 (1.68)	
1998.....	81.0 (0.24)	66.8 (1.37)	73.5 (0.97)	80.3 (0.43)	81.0 (0.56)	85.3 (0.76)	84.6 (0.39)	85.9 (0.47)	81.6 (0.92)	86.0 (1.39)	80.0 (1.74)	
1999.....	81.1 (0.24)	70.3 (1.32)	71.5 (1.02)	80.3 (0.43)	81.3 (0.55)	84.2 (0.78)	84.7 (0.39)	85.3 (0.48)	83.5 (0.86)	85.6 (1.40)	81.8 (1.69)	
2000.....	81.7 (0.23)	69.2 (1.33)	71.8 (1.01)	80.9 (0.42)	82.2 (0.54)	86.6 (0.71)	84.8 (0.39)	85.6 (0.47)	82.8 (0.87)	85.8 (1.39)	82.5 (1.65)	
2001.....	80.1 (0.17)	69.7 (0.90)	70.9 (0.71)	79.4 (0.31)	80.2 (0.40)	84.1 (0.54)	83.3 (0.28)	83.6 (0.35)	82.4 (0.60)	84.6 (1.01)	82.2 (1.18)	
2002.....	79.4 (0.17)	70.1 (0.91)	71.3 (0.69)	77.8 (0.32)	78.8 (0.41)	81.4 (0.58)	83.9 (0.27)	84.4 (0.34)	82.2 (0.60)	85.7 (0.99)	82.8 (1.16)	
2003.....	79.5 (0.17)	71.5 (0.89)	70.1 (0.73)	78.7 (0.31)	78.8 (0.41)	82.1 (0.56)	83.1 (0.28)	84.0 (0.34)	81.1 (0.60)	84.4 (1.00)	80.3 (1.22)	
2004.....	80.0 (0.17)	74.7 (0.84)	71.2 (0.71)	79.1 (0.30)	79.3 (0.41)	83.6 (0.53)	83.0 (0.28)	83.1 (0.35)	83.1 (0.58)	83.3 (1.03)	81.7 (1.16)	
2005.....	80.3 (0.16)	74.0 (0.84)	73.8 (0.69)	79.5 (0.30)	80.0 (0.40)	82.5 (0.54)	82.9 (0.27)	83.0 (0.34)	82.7 (0.58)	83.7 (1.00)	82.4 (1.12)	
2006.....	81.1 (0.16)	73.6 (0.85)	72.9 (0.67)	79.6 (0.30)	80.1 (0.40)	85.3 (0.50)	84.7 (0.26)	85.2 (0.32)	83.5 (0.55)	85.9 (0.94)	83.4 (1.09)	
2007.....	80.5 (0.16)	71.1 (0.91)	70.8 (0.72)	79.4 (0.30)	79.5 (0.40)	83.3 (0.52)	84.5 (0.26)	85.1 (0.32)	83.5 (0.54)	83.1 (1.03)	83.5 (1.11)	
2008.....	77.0 (0.17)	66.3 (0.95)	64.6 (0.76)	74.6 (0.32)	76.5 (0.42)	79.4 (0.56)	82.6 (0.27)	83.2 (0.33)	80.9 (0.57)	82.4 (1.02)	83.1 (1.12)	
2009.....	73.9 (0.18)	56.2 (1.03)	61.8 (0.79)	70.1 (0.34)	73.4 (0.45)	77.9 (0.58)	80.8 (0.28)	79.9 (0.35)	82.0 (0.56)	85.1 (0.99)	81.2 (1.11)	
2010.....	74.8 (0.18)	58.8 (1.04)	61.6 (0.82)	71.9 (0.34)	72.9 (0.45)	78.2 (0.56)	81.4 (0.27)	81.8 (0.34)	80.0 (0.58)	81.4 (1.10)	82.2 (1.08)	
2011.....	76.6 (0.17)	67.2 (0.98)	64.2 (0.81)	74.2 (0.33)	75.2 (0.44)	78.0 (0.56)	82.0 (0.27)	82.1 (0.33)	82.3 (0.55)	81.6 (1.07)	81.0 (1.09)	
2012.....	76.5 (0.17)	65.4 (1.00)	64.4 (0.82)	74.5 (0.33)	73.7 (0.44)	78.8 (0.54)	82.1 (0.26)	82.5 (0.33)	80.8 (0.55)	84.4 (1.01)	81.4 (1.02)	
2013.....	78.1 (0.21)	69.3 (1.21)	68.9 (0.99)	76.5 (0.41)	76.2 (0.55)	79.6 (0.67)	82.4 (0.33)	82.6 (0.41)	82.5 (0.67)	83.2 (1.34)	79.7 (1.30)	
2014.....	79.2 (0.18)	72.2 (1.03)	69.4 (0.85)	78.3 (0.35)	76.7 (0.47)	79.9 (0.58)	83.3 (0.28)	83.7 (0.35)	82.7 (0.57)	83.5 (1.12)	81.2 (1.15)	
2015.....	79.3 (0.18)	72.2 (1.03)	71.1 (0.85)	77.7 (0.35)	77.2 (0.46)	80.6 (0.56)	83.0 (0.27)	83.5 (0.34)	82.7 (0.54)	82.1 (1.19)	80.0 (1.14)	
2016.....	80.1 (0.18)	72.3 (1.08)	71.5 (0.87)	78.8 (0.34)	78.4 (0.45)	81.1 (0.55)	83.4 (0.27)	83.8 (0.34)	82.8 (0.54)	82.3 (1.23)	83.5 (1.03)	
<b>Females</b>												
1996.....	60.7 (0.32)	47.9 (1.94)	49.4 (1.29)	60.0 (0.55)	62.0 (0.73)	63.7 (1.00)	63.5 (0.60)	63.4 (0.72)	62.4 (1.25)	68.4 (2.91)	70.0 (3.29)	
1997.....	61.7 (0.32)	48.7 (1.91)	49.3 (1.29)	61.0 (0.55)	61.9 (0.72)	64.3 (0.99)	65.4 (0.58)	64.6 (0.70)	65.7 (1.20)	73.6 (2.63)	72.1 (3.29)	
1998.....	62.5 (0.31)	51.8 (1.94)	53.1 (1.29)	61.9 (0.55)	63.3 (0.70)	64.9 (1.00)	65.0 (0.57)	64.0 (0.69)	66.2 (1.15)	71.9 (2.71)	68.5 (3.26)	
1999.....	63.7 (0.31)	53.0 (1.88)	54.0 (1.30)	63.0 (0.54)	64.8 (0.69)	65.1 (0.96)	66.2 (0.56)	65.9 (0.68)	66.5 (1.12)	68.4 (2.73)	68.2 (3.18)	
2000.....	64.6 (0.30)	53.5 (1.84)	56.5 (1.30)	64.1 (0.54)	65.3 (0.69)	66.6 (0.92)	66.5 (0.55)	66.7 (0.67)	64.9 (1.11)	70.6 (2.61)	71.5 (3.13)	
2001.....	64.3 (0.22)	54.0 (1.32)	55.3 (0.94)	63.5 (0.39)	65.1 (0.49)	65.8 (0.65)	66.6 (0.38)	66.6 (0.47)	65.6 (0.76)	70.3 (1.83)	70.9 (2.12)	
2002.....	64.1 (0.22)	52.6 (1.36)	55.5 (0.95)	63.2 (0.39)	65.0 (0.49)	65.6 (0.65)	66.5 (0.38)	65.9 (0.47)	66.1 (0.74)	74.3 (1.73)	73.8 (2.07)	
2003.....	64.4 (0.21)	56.5 (1.38)	53.8 (0.96)	64.4 (0.39)	64.2 (0.49)	65.6 (0.64)	66.4 (0.37)	65.8 (0.46)	66.3 (0.73)	72.3 (1.75)	71.9 (1.95)	
2004.....	64.5 (0.21)	56.3 (1.35)	56.1 (0.96)	64.5 (0.40)	64.2 (0.49)	64.6 (0.63)	66.7 (0.37)	66.3 (0.45)	66.3 (0.72)	71.5 (1.77)	71.2 (1.97)	
2005.....	65.3 (0.21)	56.5 (1.36)	54.5 (0.97)	65.1 (0.40)	63.5 (0.49)	67.2 (0.61)	68.2 (0.36)	68.0 (0.44)	68.3 (0.70)	71.2 (1.64)	67.3 (2.02)	
2006.....	66.2 (0.21)	58.5 (1.35)	56.0 (0.96)	65.6 (0.39)	65.9 (0.48)	67.3 (0.61)	68.6 (0.35)	68.4 (0.43)	67.5 (0.69)	73.6 (1.61)	74.0 (1.86)	
2007.....	66.7 (0.21)	56.8 (1.43)	55.3 (1.00)	65.7 (0.39)	66.7 (0.48)	67.3 (0.60)	69.3 (0.34)	68.4 (0.42)	70.6 (0.63)	74.1 (1.60)	71.2 (1.91)	
2008.....	64.4 (0.21)	51.6 (1.38)	52.8 (1.01)	62.4 (0.40)	64.7 (0.49)	65.5 (0.60)	67.9 (0.34)	67.8 (0.43)	66.9 (0.65)	74.0 (1.51)	70.0 (1.80)	
2009.....	64.3 (0.21)	52.0 (1.42)	54.5 (1.04)	62.4 (0.41)	63.9 (0.50)	64.5 (0.60)	68.0 (0.34)	68.3 (0.42)	67.5 (0.65)	66.4 (1.72)	68.3 (1.74)	
2010.....	64.4 (0.21)	51.7 (1.46)	52.4 (1.07)	62.6 (0.42)	63.3 (0.50)	64.3 (0.60)	68.5 (0.34)	67.7 (0.42)	68.5 (0.62)	73.9 (1.66)	76.3 (1.51)	
2011.....	65.0 (0.21)	52.2 (1.42)	49.1 (1.04)	63.0 (0.42)	62.9 (0.50)	66.3 (0.59)	69.6 (0.33)	69.4 (0.41)	69.0 (0.62)	72.8 (1.65)	73.6 (1.58)	
2012.....	64.8 (0.21)	50.0 (1.48)	51.1 (1.07)	62.3 (0.42)	61.7 (0.50)	64.7 (0.58)	70.0 (0.32)	70.6 (0.40)	68.0 (0.60)	73.2 (1.61)	73.9 (1.52)	
2013.....	65.6 (0.26)	56.0 (1.84)	52.3 (1.07)	63.8 (0.46)	63.4 (0.62)	65.1 (0.79)	69.6 (0.40)	70.4 (0.50)	67.4 (0.82)	73.9 (1.86)	69.4 (1.97)	
2014.....	66.1 (0.23)	53.5 (1.57)	54.1 (1.21)	63.6 (0.47)	64.3 (0.55)	66.5 (0.63)	70.0 (0.34)	70.3 (0.44)	69.2 (0.64)	73.8 (1.65)	68.1 (1.62)	
2015.....	66.3 (0.22)	54.9 (1.56)	51.5 (1.20)	64.1 (0.47)	65.4 (0.54)	65.6 (0.63)	70.1 (0.34)	70.3 (0.43)	68.3 (0.63)	75.9 (1.62)	74.5 (1.44)	
2016.....	67.2 (0.22)	55.4 (1.66)	56.0 (1.21)	63.7 (0.47)	65.7 (0.55)	67.7 (0.62)	71.0 (0.33)	70.6 (0.42)	71.1 (0.60)	75.8 (1.56)	71.3 (1.48)	

—Not available.  
†Not applicable.  
‡Interpret data with caution. The coefficient of variation (CV) for this estimate is between 30 and 50 percent.  
<sup>1</sup>Includes 1 to 3 years of high school for 1990.  
<sup>2</sup>Includes 4 years of high school for 1990.  
<sup>3</sup>Includes 1 to 3 years of college and associate's degrees for 1990.  
<sup>4</sup>Includes 4 or more years of college for 1990.  
<sup>5</sup>Includes 4 years of college for 1990.  
<sup>6</sup>Not reported separately for 1990.

<sup>7</sup>Constant dollars based on the Consumer Price Index, prepared by the Bureau of Labor Statistics, U.S. Department of Labor.  
<sup>8</sup>Data not available for 1990 through 1995.  
NOTE: Detail may not sum to totals because of rounding.  
SOURCE: U.S. Department of Commerce, Census Bureau, Current Population Reports, Series P-60, *Money Income of Households, Families, and Persons in the United States and Income, Poverty, and Valuation of Noncash Benefits*, 1990 through 1994; Series P-60, *Money Income in the United States*, 1995 through 2002; and Current Population Survey (CPS), Annual Social and Economic Supplement, 2004 through 2017. Retrieved April 9, 2018, from <https://www.census.gov/data/tables/time-series/demo/income-poverty/cps-pinc/pinc-03.html>. (This table was prepared April 2018.)

**Table 502.30. Median annual earnings of full-time year-round workers 25 to 34 years old and full-time year-round workers as a percentage of the labor force, by sex, race/ethnicity, and educational attainment: Selected years, 1995 through 2016**

[Amounts in constant 2015 dollars. Standard errors appear in parentheses]

Sex, race/ethnicity, and educational attainment	1995	2000	2005	2009	2010	2011	2012	2013	2014	2015	2016
1	2	3	4	5	6	7	8	9	10	11	12
<b>Total, all full-time year-round workers 25 to 34 years old</b>											
<b>Median annual earnings, all education levels.....</b>	<b>\$39,370 (252)</b>	<b>\$41,810 (149)</b>	<b>\$40,530 (1,128)</b>	<b>\$42,470 (1,079)</b>	<b>\$40,750 (910)</b>	<b>\$40,510 (148)</b>	<b>\$39,720 (912)</b>	<b>\$41,210 (#)</b>	<b>\$40,550 (86)</b>	<b>\$40,440 (22)</b>	<b>\$40,000 (310)</b>
Less than high school completion.....	24,880 (466)	25,290 (630)	25,280 (730)	23,200 (819)	23,090 (837)	24,450 (885)	23,980 (695)	24,700 (435)	24,330 (1,227)	25,300 (71)	25,360 (715)
High school completion <sup>1</sup> .....	32,610 (360)	34,840 (275)	34,200 (943)	33,480 (16)	32,970 (18)	32,010 (#)	31,320 (16)	30,900 (2)	30,410 (4)	30,930 (968)	31,830 (143)
Some college, no degree.....	37,120 (796)	40,220 (585)	38,670 (767)	37,220 (1,273)	36,140 (1,022)	34,140 (906)	34,320 (862)	35,810 (1,050)	32,340 (909)	35,070 (90)	34,900 (1,019)
Associate's degree.....	39,130 (757)	41,800 (435)	42,990 (1,478)	40,210 (1,384)	40,650 (1,096)	39,930 (1,408)	37,200 (1,301)	38,510 (1,911)	35,460 (532)	37,410 (1,121)	38,000 (1,015)
Bachelor's or higher degree.....	51,930 (1,054)	55,740 (324)	54,010 (1,069)	55,940 (#)	53,860 (1,123)	53,350 (271)	52,220 (17)	51,510 (1,122)	52,700 (872)	54,520 (1,410)	54,770 (86)
Bachelor's degree.....	48,740 (467)	55,640 (371)	49,540 (1,097)	50,330 (362)	49,530 (822)	48,000 (1,015)	49,070 (953)	49,900 (1,814)	50,570 (44)	50,630 (#)	49,990 (254)
Master's or higher degree.....	62,420 (1,205)	66,910 (2,906)	61,400 (504)	66,280 (2,104)	60,310 (1,398)	63,500 (1,745)	62,360 (829)	61,600 (332)	59,910 (1,057)	60,760 (1,936)	64,070 (1,303)
<b>Percent,<sup>2</sup> all education levels.....</b>	<b>67.5 (0.44)</b>	<b>72.1 (0.31)</b>	<b>70.8 (0.36)</b>	<b>64.2 (0.40)</b>	<b>64.8 (0.42)</b>	<b>66.2 (0.40)</b>	<b>67.2 (0.43)</b>	<b>67.8 (0.50)</b>	<b>70.2 (0.39)</b>	<b>71.0 (0.42)</b>	<b>72.7 (0.42)</b>
Less than high school completion.....	53.3 (1.40)	61.8 (1.00)	64.1 (1.29)	50.1 (1.21)	48.1 (1.44)	51.3 (1.49)	52.6 (1.32)	55.9 (1.65)	59.1 (1.43)	58.6 (1.76)	60.1 (1.49)
High school completion <sup>1</sup> .....	66.8 (0.78)	71.5 (0.57)	71.3 (0.71)	59.0 (0.72)	60.0 (0.79)	62.3 (0.75)	63.4 (0.77)	64.5 (1.09)	68.4 (0.80)	68.6 (0.83)	68.9 (0.83)
Some college, no degree.....	65.5 (0.99)	71.8 (0.69)	67.3 (0.82)	61.6 (0.93)	60.9 (0.89)	61.7 (0.98)	62.1 (1.00)	61.9 (1.12)	64.6 (0.82)	67.0 (0.99)	69.5 (0.95)
Associate's degree.....	71.9 (1.39)	74.5 (0.97)	71.8 (1.09)	68.4 (1.14)	65.9 (1.25)	68.2 (1.13)	67.9 (1.14)	70.2 (1.47)	69.2 (1.16)	68.5 (1.16)	72.3 (1.12)
Bachelor's or higher degree.....	73.9 (0.77)	75.7 (0.53)	74.4 (0.67)	72.4 (0.61)	74.3 (0.60)	74.2 (0.59)	75.5 (0.60)	74.8 (0.69)	76.3 (0.62)	77.2 (0.59)	78.8 (0.59)
Bachelor's degree.....	74.0 (0.88)	76.5 (0.59)	75.3 (0.76)	72.3 (0.73)	74.4 (0.70)	73.8 (0.68)	75.7 (0.74)	75.1 (0.83)	76.4 (0.68)	77.7 (0.72)	78.9 (0.66)
Master's or higher degree.....	73.7 (1.62)	72.7 (1.14)	72.0 (1.18)	72.6 (1.06)	73.8 (1.22)	75.1 (1.18)	75.2 (1.15)	74.0 (1.27)	76.2 (1.07)	75.9 (1.09)	78.5 (1.06)
<b>Male</b>											
<b>Median annual earnings, all education levels.....</b>	<b>\$42,380 (331)</b>	<b>\$44,880 (198)</b>	<b>\$43,010 (#)</b>	<b>\$44,750 (#)</b>	<b>\$43,900 (30)</b>	<b>\$42,680 (#)</b>	<b>\$41,810 (1)</b>	<b>\$41,210 (298)</b>	<b>\$41,470 (1,247)</b>	<b>\$42,530 (1,144)</b>	<b>\$43,970 (1,117)</b>
Less than high school completion.....	27,780 (970)	27,780 (392)	26,950 (1,071)	25,250 (1,075)	26,410 (881)	26,630 (1,141)	26,100 (666)	25,340 (360)	25,340 (566)	26,540 (1,173)	28,560 (1,485)
High school completion <sup>1</sup> .....	37,670 (724)	40,240 (756)	36,730 (44)	36,850 (1,062)	36,160 (713)	35,010 (1,011)	34,310 (804)	32,610 (497)	33,430 (1,152)	34,410 (827)	34,750 (137)
Some college, no degree.....	40,820 (640)	44,340 (390)	42,890 (265)	43,470 (1,006)	41,680 (1,177)	40,020 (1,259)	39,540 (918)	40,130 (1,379)	36,430 (690)	39,450 (726)	37,980 (967)
Associate's degree.....	41,810 (1,194)	48,780 (871)	48,710 (1,588)	46,730 (1,354)	43,920 (473)	44,710 (1,760)	44,300 (2,777)	43,090 (2,460)	40,840 (1,625)	43,390 (1,570)	43,000 (1,318)
Bachelor's or higher degree.....	58,800 (835)	65,130 (644)	61,420 (1,240)	60,760 (666)	57,660 (1,720)	58,350 (895)	57,350 (303)	59,270 (2,261)	59,790 (1,827)	60,500 (147)	59,960 (1,232)
Bachelor's degree.....	55,090 (866)	62,490 (709)	55,270 (1,412)	55,930 (1,345)	54,750 (152)	53,130 (123)	52,270 (767)	53,540 (1,472)	55,510 (287)	55,660 (1,737)	56,960 (2,042)
Master's or higher degree.....	69,410 (2,747)	76,550 (1,645)	71,070 (4,012)	77,510 (2,686)	70,840 (859)	72,960 (2,416)	69,520 (2,852)	70,910 (3,154)	65,610 (1,623)	70,410 (2,127)	71,640 (1,837)
<b>Percent,<sup>2</sup> all education levels.....</b>	<b>75.2 (0.55)</b>	<b>80.2 (0.37)</b>	<b>78.2 (0.48)</b>	<b>67.2 (0.57)</b>	<b>68.5 (0.57)</b>	<b>71.3 (0.55)</b>	<b>72.4 (0.51)</b>	<b>73.2 (0.62)</b>	<b>76.8 (0.53)</b>	<b>76.8 (0.52)</b>	<b>78.2 (0.50)</b>
Less than high school completion.....	59.2 (1.73)	70.9 (1.19)	72.0 (1.49)	52.4 (1.67)	51.2 (1.71)	59.5 (1.81)	59.2 (1.71)	63.3 (2.04)	68.3 (1.68)	68.2 (2.00)	66.5 (2.00)
High school completion <sup>1</sup> .....	74.9 (0.96)	79.4 (0.67)	79.2 (0.89)	62.3 (0.96)	64.3 (1.00)	67.7 (0.95)	69.5 (0.89)	70.6 (1.31)	75.4 (0.93)	74.9 (1.05)	75.0 (1.00)
Some college, no degree.....	73.9 (1.27)	80.7 (0.84)	76.1 (1.07)	66.5 (1.31)	65.7 (1.16)	67.7 (1.37)	67.9 (1.38)	67.7 (1.51)	71.7 (1.17)	73.9 (1.34)	75.7 (1.14)
Associate's degree.....	85.1 (1.61)	85.7 (1.16)	80.8 (1.44)	74.9 (1.51)	72.4 (1.74)	75.6 (1.52)	76.0 (1.54)	79.4 (1.93)	75.6 (1.74)	75.4 (1.73)	79.9 (1.41)
Bachelor's or higher degree.....	81.3 (0.97)	83.3 (0.65)	80.7 (0.93)	76.5 (0.93)	79.6 (0.85)	79.4 (0.84)	80.9 (0.86)	79.6 (0.94)	83.2 (0.84)	82.3 (0.71)	84.2 (0.77)
Bachelor's degree.....	81.8 (1.11)	84.2 (0.73)	80.9 (1.03)	75.3 (1.10)	80.4 (0.96)	78.9 (0.92)	81.0 (0.93)	79.5 (1.24)	83.0 (0.93)	81.9 (0.90)	83.7 (0.89)
Master's or higher degree.....	79.8 (1.99)	80.2 (1.46)	80.3 (1.79)	79.9 (1.46)	77.3 (1.82)	81.2 (1.47)	80.6 (1.66)	79.7 (1.79)	83.7 (1.52)	83.3 (1.39)	85.6 (1.35)
<b>Female</b>											
<b>Median annual earnings, all education levels.....</b>	<b>\$34,340 (328)</b>	<b>\$37,620 (231)</b>	<b>\$36,810 (34)</b>	<b>\$39,050 (718)</b>	<b>\$38,380 (37)</b>	<b>\$37,290 (21)</b>	<b>\$36,570 (146)</b>	<b>\$37,990 (962)</b>	<b>\$36,440 (933)</b>	<b>\$38,480 (529)</b>	<b>\$38,000 (501)</b>
Less than high school completion.....	20,380 (956)	20,850 (651)	20,650 (754)	21,180 (771)	19,480 (725)	20,120 (564)	18,660 (714)	20,490 (580)	20,230 (360)	20,230 (1,036)	21,900 (571)
High school completion <sup>1</sup> .....	27,230 (389)	30,170 (371)	29,300 (435)	27,900 (28)	27,490 (64)	27,590 (771)	26,110 (9)	25,740 (128)	25,350 (477)	27,340 (1,142)	28,000 (1,480)
Some college, no degree.....	31,480 (558)	34,790 (390)	34,320 (428)	32,420 (1,128)	31,860 (1,089)	30,840 (1,225)	30,300 (944)	30,660 (131)	28,380 (848)	30,370 (489)	29,980 (8)
Associate's degree.....	37,640 (1,659)	36,230 (557)	36,040 (415)	34,470 (1,269)	38,160 (912)	34,760 (1,463)	32,780 (1,353)	32,970 (1,102)	30,080 (235)	32,030 (650)	31,870 (424)
Bachelor's or higher degree.....	45,670 (1,065)	50,180 (388)	48,870 (131)	50,280 (26)	48,380 (1,248)	47,900 (60)	48,940 (906)	47,400 (1,626)	50,250 (1,016)	50,630 (#)	49,950 (15)
Bachelor's degree.....	43,530 (1,156)	48,630 (435)	45,460 (1,505)	44,750 (1,357)	44,030 (1,524)	43,700 (1,351)	44,790 (1,124)	45,990 (323)	45,610 (8)	45,340 (835)	44,990 (749)
Master's or higher degree.....	54,480 (1,658)	57,980 (843)	57,640 (2,379)	59,590 (2,252)	54,850 (102)	54,610 (1,611)	55,820 (1,555)	55,390 (1,475)	55,310 (935)	58,320 (2,233)	57,690 (1,796)
<b>Percent,<sup>2</sup> all education levels.....</b>	<b>58.6 (0.68)</b>	<b>62.8 (0.48)</b>	<b>61.9 (0.53)</b>	<b>60.7 (0.53)</b>	<b>60.3 (0.54)</b>	<b>60.3 (0.50)</b>	<b>61.1 (0.61)</b>	<b>61.6 (0.75)</b>	<b>62.5 (0.57)</b>	<b>64.2 (0.65)</b>	<b>66.5 (0.63)</b>
Less than high school completion.....	42.9 (2.31)	46.8 (1.68)	47.3 (1.87)	45.4 (2.05)	41.2 (2.13)	35.6 (2.03)	39.6 (2.04)	42.0 (2.70)	40.0 (2.03)	40.4 (2.63)	47.4 (2.41)
High school completion <sup>1</sup> .....	56.4 (1.25)	60.5 (0.96)	59.5 (1.07)	53.5 (1.12)	53.1 (1.20)	53.5 (1.22)	53.4 (1.27)	53.7 (1.64)	56.6 (1.28)	58.1 (1.25)	59.2 (1.31)
Some college, no degree.....	56.5 (1.48)	62.4 (1.06)	57.8 (1.19)	55.9 (1.26)	55.6 (1.25)	55.2 (1.32)	55.4 (1.22)	55.1 (1.75)	56.7 (1.30)	59.4 (1.35)	62.3 (1.30)
Associate's degree.....	60.2 (2.07)	65.4 (1.43)	63.3 (1.55)	62.7 (1.63)	60.0 (1.68)	61.3 (1.64)	60.8 (1.65)	62.1 (2.09)	63.3 (1.50)	62.2 (1.89)	65.3 (1.75)
Bachelor's or higher degree.....	66.4 (1.19)	68.2 (0.81)	68.6 (0.93)	68.9 (0.81)	69.5 (0.80)	69.5 (0.80)	70.7 (0.89)	70.5 (0.97)	70.0 (0.83)	72.4 (0.85)	73.9 (0.86)
Bachelor's degree.....	66.4 (1.33)	69.0 (0.91)	70.0 (1.12)	69.6 (1.03)	68.6 (0.96)	69.0 (1.02)	70.5 (1.13)	70.9 (1.19)	70.0 (0.94)	73.4 (1.00)	74.5 (0.94)
Master's or higher degree.....	66.2 (2.59)	65.7 (1.69)	65.2 (1.68)	67.1 (1.51)	71.4 (1.64)	70.8 (1.69)	71.3 (1.68)	69.7 (1.77)	70.1 (1.52)	70.5 (1.55)	72.8 (1.50)

See notes at end of table.

**Table 502.30. Median annual earnings of full-time year-round workers 25 to 34 years old and full-time year-round workers as a percentage of the labor force, by sex, race/ethnicity, and educational attainment: Selected years, 1995 through 2016—Continued**

[Amounts in constant 2015 dollars. Standard errors appear in parentheses]

Sex, race/ethnicity, and educational attainment	1995	2000	2005	2009	2010	2011	2012	2013	2014	2015	2016
1	2	3	4	5	6	7	8	9	10	11	12
<b>White</b>											
<b>Median annual earnings, all education levels.....</b>	<b>\$40,920 (285)</b>	<b>\$45,290 (518)</b>	<b>\$43,010 (84)</b>	<b>\$44,750 (#)</b>	<b>\$43,980 (24)</b>	<b>\$42,680 (208)</b>	<b>\$42,540 (1,128)</b>	<b>\$43,220 (270)</b>	<b>\$43,070 (891)</b>	<b>\$45,510 (172)</b>	<b>\$44,900 (40)</b>
Less than high school completion.....	27,530 (1,527)	29,030 (647)	28,440 (1,605)	27,940 (1,128)	27,510 (516)	29,660 (1,278)	25,990 (1,681)	30,910 (865)	28,860 (1,706)	30,180 (2,128)	29,070 (1,421)
High school completion <sup>1</sup> .....	34,550 (426)	38,440 (694)	36,770 (40)	35,780 (1,018)	35,800 (965)	34,090 (683)	33,610 (764)	32,700 (585)	33,400 (1,244)	35,010 (543)	34,990 (622)
Some college, no degree.....	37,960 (927)	41,680 (380)	39,220 (591)	39,140 (395)	38,310 (1,320)	37,340 (1,324)	36,520 (1,001)	36,830 (990)	35,410 (368)	35,360 (446)	35,420 (583)
Associate's degree.....	40,960 (931)	44,220 (476)	43,000 (343)	44,630 (1,242)	43,670 (785)	42,680 (1,770)	39,650 (2,147)	41,180 (16)	37,060 (1,243)	39,140 (1,004)	39,690 (239)
Bachelor's or higher degree.....	53,520 (1,240)	56,850 (359)	54,850 (925)	55,940 (#)	54,560 (473)	52,970 (93)	52,220 (19)	51,510 (1,543)	53,570 (1,044)	55,200 (1,396)	54,730 (130)
Bachelor's degree.....	50,390 (552)	55,670 (410)	50,310 (960)	50,350 (1,074)	50,620 (1,364)	50,140 (1,336)	50,040 (1,275)	51,280 (2,022)	50,620 (53)	50,590 (278)	50,000 (849)
Master's or higher degree.....	62,610 (1,255)	66,790 (3,542)	61,400 (572)	64,400 (1,950)	59,990 (1,164)	62,870 (1,803)	60,260 (2,615)	61,530 (353)	58,730 (1,431)	60,760 (1,949)	61,090 (1,782)
<b>Percent,<sup>2</sup> all education levels.....</b>	<b>69.1 (0.51)</b>	<b>72.7 (0.38)</b>	<b>71.6 (0.47)</b>	<b>66.2 (0.50)</b>	<b>66.7 (0.51)</b>	<b>68.7 (0.54)</b>	<b>69.4 (0.55)</b>	<b>69.5 (0.69)</b>	<b>72.3 (0.50)</b>	<b>72.6 (0.58)</b>	<b>73.7 (0.55)</b>
Less than high school completion.....	53.7 (2.07)	59.7 (1.73)	64.3 (2.17)	45.3 (2.46)	44.4 (2.85)	44.8 (2.83)	51.3 (2.47)	51.5 (3.22)	51.1 (2.84)	52.5 (3.43)	57.5 (2.70)
High school completion <sup>1</sup> .....	67.9 (0.93)	71.6 (0.72)	71.7 (0.88)	60.2 (1.04)	60.6 (1.02)	64.4 (1.07)	65.4 (1.03)	66.4 (1.44)	70.7 (1.08)	68.9 (1.28)	68.3 (1.24)
Some college, no degree.....	66.8 (1.17)	72.4 (0.84)	68.4 (1.00)	62.3 (1.17)	60.9 (1.18)	63.5 (1.24)	62.9 (1.38)	63.6 (1.57)	66.1 (1.18)	67.6 (1.33)	69.8 (1.29)
Associate's degree.....	71.8 (1.59)	72.7 (1.18)	71.3 (1.32)	69.3 (1.41)	66.3 (1.51)	68.8 (1.26)	69.6 (1.37)	69.5 (1.79)	70.6 (1.36)	69.2 (1.48)	72.2 (1.36)
Bachelor's or higher degree.....	74.4 (0.86)	75.9 (0.61)	74.4 (0.79)	72.8 (0.75)	75.0 (0.70)	75.3 (0.73)	75.8 (0.72)	74.8 (0.91)	77.3 (0.73)	78.4 (0.73)	79.1 (0.70)
Bachelor's degree.....	74.2 (0.97)	76.6 (0.68)	75.0 (0.92)	73.0 (0.86)	75.0 (0.78)	75.0 (0.81)	76.2 (0.89)	75.5 (1.04)	77.1 (0.84)	79.2 (0.86)	79.5 (0.76)
Master's or higher degree.....	74.8 (1.79)	73.5 (1.31)	72.8 (1.47)	72.3 (1.38)	75.0 (1.43)	76.0 (1.39)	74.9 (1.34)	73.2 (1.70)	77.7 (1.24)	76.8 (1.29)	78.3 (1.32)
<b>Black</b>											
<b>Median annual earnings, all education levels.....</b>	<b>\$33,020 (883)</b>	<b>\$34,840 (557)</b>	<b>\$35,530 (1,386)</b>	<b>\$33,540 (57)</b>	<b>\$34,610 (1,214)</b>	<b>\$34,090 (1,379)</b>	<b>\$33,170 (450)</b>	<b>\$34,430 (1,676)</b>	<b>\$31,260 (942)</b>	<b>\$34,990 (519)</b>	<b>\$33,720 (823)</b>
Less than high school completion.....	21,850 (2,846)	23,170 (1,398)	25,050 (1,430)	24,840 (3,921)	22,860 (2,677)	20,790 (841)	21,900 (1,920)	20,980 (1,378)	20,930 (2,553)	29,270 (2,287)	21,370 (1,781)
High school completion <sup>1</sup> .....	28,300 (1,445)	30,540 (745)	28,210 (1,241)	27,930 (771)	27,510 (873)	27,510 (1,632)	27,050 (1,317)	25,760 (1,405)	25,300 (558)	27,930 (1,615)	27,830 (1,390)
Some college, no degree.....	35,400 (2,349)	36,120 (1,087)	35,650 (1,893)	33,510 (2,063)	32,130 (585)	31,480 (686)	31,360 (822)	32,500 (1,475)	28,220 (1,384)	30,370 (1,578)	29,920 (1,745)
Associate's degree.....	34,360 (1,245)	35,750 (1,465)	33,990 (1,468)	31,180 (1,990)	33,570 (2,156)	36,290 (2,320)	33,350 (2,439)	35,150 (4,598)	31,150 (1,598)	30,370 (1,709)	30,440 (1,870)
Bachelor's or higher degree.....	42,870 (2,456)	48,440 (1,637)	47,960 (1,203)	49,860 (1,010)	45,150 (1,632)	44,820 (1,958)	46,090 (2,056)	45,910 (826)	48,070 (2,284)	47,900 (1,652)	49,400 (1,232)
Bachelor's degree.....	40,860 (2,072)	46,330 (4,611)	44,310 (2,928)	44,810 (1,783)	43,450 (585)	41,810 (1,068)	41,240 (779)	41,100 (2,825)	45,900 (1,918)	43,310 (2,022)	45,820 (2,013)
Master's or higher degree.....	48,920 (2,737)	57,320 (5,044)	53,910 (3,422)	59,200 (2,950)	54,050 (6,555)	53,350 (935)	57,260 (2,199)	56,270 (5,971)	49,840 (1,525)	54,900 (3,874)	59,650 (854)
<b>Percent,<sup>2</sup> all education levels.....</b>	<b>63.6 (1.86)</b>	<b>71.3 (1.26)</b>	<b>66.6 (1.12)</b>	<b>59.5 (1.12)</b>	<b>59.1 (1.21)</b>	<b>57.8 (1.34)</b>	<b>60.2 (1.16)</b>	<b>61.1 (1.50)</b>	<b>63.3 (1.11)</b>	<b>66.0 (1.17)</b>	<b>69.3 (1.18)</b>
Less than high school completion.....	44.0 (5.81)	49.1 (4.46)	41.4 (4.02)	38.1 (4.26)	32.8 (3.78)	31.8 (3.79)	29.8 (4.17)	41.6 (5.89)	41.6 (5.10)	35.6 (4.37)	39.3 (5.19)
High school completion <sup>1</sup> .....	61.0 (3.03)	70.0 (2.13)	66.1 (1.92)	51.3 (1.82)	54.6 (2.02)	53.1 (2.12)	53.0 (2.17)	51.9 (2.66)	59.7 (1.77)	63.1 (2.22)	65.6 (2.15)
Some college, no degree.....	64.4 (3.57)	71.6 (2.52)	61.6 (2.66)	59.5 (2.17)	57.8 (2.30)	52.8 (2.40)	59.8 (2.24)	56.5 (2.89)	60.5 (2.33)	62.8 (2.56)	67.8 (2.38)
Associate's degree.....	72.0 (6.01)	79.5 (3.69)	73.5 (3.50)	64.8 (3.61)	64.8 (3.34)	70.4 (3.44)	61.6 (3.42)	67.6 (4.17)	60.2 (3.32)	69.2 (3.53)	75.4 (2.90)
Bachelor's or higher degree.....	78.2 (4.04)	80.6 (2.48)	81.5 (1.82)	76.2 (1.87)	73.1 (2.09)	71.6 (2.06)	77.1 (2.10)	79.8 (2.20)	76.5 (2.11)	77.9 (2.00)	78.5 (1.98)
Bachelor's degree.....	76.6 (4.50)	81.5 (2.69)	82.5 (1.99)	75.8 (2.27)	72.0 (2.70)	70.9 (2.37)	75.9 (2.48)	76.3 (2.90)	75.9 (2.54)	76.6 (2.25)	78.0 (2.56)
Master's or higher degree.....	87.2 (8.40)	76.8 (6.35)	78.5 (3.78)	77.3 (3.54)	76.5 (3.65)	73.8 (3.99)	80.7 (3.87)	89.1 (3.26)	78.1 (3.49)	81.7 (3.55)	79.7 (3.54)
<b>Hispanic</b>											
<b>Median annual earnings, all education levels.....</b>	<b>\$29,630 (1,133)</b>	<b>\$31,230 (949)</b>	<b>\$30,700 (10)</b>	<b>\$32,350 (1,581)</b>	<b>\$32,970 (1,083)</b>	<b>\$31,950 (22)</b>	<b>\$31,260 (46)</b>	<b>\$30,550 (115)</b>	<b>\$30,410 (69)</b>	<b>\$32,190 (471)</b>	<b>\$33,890 (1,016)</b>
Less than high school completion.....	23,360 (1,057)	23,640 (538)	24,430 (74)	22,230 (85)	21,880 (109)	23,150 (1,020)	23,590 (1,208)	23,600 (1,474)	24,060 (825)	24,280 (932)	24,990 (226)
High school completion <sup>1</sup> .....	29,650 (2,035)	32,000 (1,392)	29,420 (1,053)	28,260 (897)	30,580 (996)	29,630 (1,142)	28,880 (774)	29,050 (1,130)	30,400 (408)	30,080 (75)	29,960 (26)
Some college, no degree.....	30,930 (1,894)	37,020 (1,516)	38,350 (1,912)	36,480 (1,559)	34,770 (1,483)	31,990 (829)	33,200 (1,447)	30,740 (733)	31,980 (1,280)	33,950 (999)	32,000 (1,424)
Associate's degree.....	37,470 (3,921)	41,360 (2,067)	41,950 (1,114)	34,790 (1,773)	37,410 (1,387)	37,100 (1,657)	35,060 (1,809)	34,370 (1,720)	30,320 (1,455)	35,810 (2,192)	34,900 (353)
Bachelor's or higher degree.....	46,860 (2,909)	51,500 (1,830)	50,170 (2,107)	51,150 (1,760)	48,350 (2,544)	44,110 (1,961)	46,700 (526)	46,890 (1,405)	48,210 (2,420)	50,630 (1,124)	49,330 (963)
Bachelor's degree.....	44,090 (3,720)	49,670 (1,823)	48,560 (736)	49,680 (852)	45,600 (3,302)	42,290 (320)	44,630 (2,038)	46,320 (1,419)	44,840 (1,417)	50,630 (417)	44,730 (2,107)
Master's or higher degree.....	65,730 (11,359)	54,450 (5,577)	61,870 (3,104)	58,860 (4,520)	53,170 (4,450)	53,680 (2,565)	53,880 (5,013)	49,400 (5,685)	58,420 (2,200)	54,940 (2,551)	55,740 (3,529)
<b>Percent,<sup>2</sup> all education levels.....</b>	<b>62.9 (1.87)</b>	<b>70.7 (1.12)</b>	<b>71.9 (0.80)</b>	<b>60.7 (0.94)</b>	<b>61.6 (0.86)</b>	<b>63.8 (0.86)</b>	<b>64.4 (0.84)</b>	<b>67.0 (1.00)</b>	<b>68.7 (0.93)</b>	<b>69.4 (0.78)</b>	<b>72.0 (0.81)</b>
Less than high school completion.....	56.0 (3.26)	60.0 (1.98)	68.5 (1.63)	54.8 (1.58)	53.0 (1.67)	58.1 (1.77)	57.6 (1.69)	60.9 (2.07)	66.3 (1.81)	65.7 (2.01)	65.2 (1.95)
High school completion <sup>1</sup> .....	67.9 (3.28)	72.9 (1.95)	75.2 (1.35)	60.8 (1.58)	61.7 (1.61)	63.8 (1.44)	65.9 (1.46)	68.5 (1.71)	70.6 (1.66)	70.8 (1.32)	72.1 (1.47)
Some college, no degree.....	61.5 (4.51)	71.9 (2.82)	70.0 (1.88)	63.3 (2.20)	65.5 (1.81)	65.4 (2.03)	62.8 (2.07)	60.4 (2.40)	65.0 (1.79)	69.1 (2.00)	71.1 (1.58)
Associate's degree.....	69.3 (7.53)	79.8 (3.90)	74.1 (2.46)	67.7 (2.96)	66.1 (2.68)	66.4 (2.97)	66.4 (2.83)	76.8 (2.59)	68.3 (2.77)	65.5 (2.85)	73.0 (2.27)
Bachelor's or higher degree.....	69.4 (5.26)	72.3 (3.19)	74.1 (2.08)	66.6 (2.03)	70.6 (2.08)	70.2 (1.90)	72.2 (1.87)	74.2 (1.95)	72.8 (1.84)	73.1 (1.77)	78.0 (1.76)
Bachelor's degree.....	69.3 (5.78)	73.5 (3.47)	73.7 (2.35)	66.3 (2.15)	70.9 (2.27)	70.3 (2.18)	71.5 (2.18)	75.6 (2.19)	72.4 (2.05)	72.9 (1.93)	77.7 (1.93)
Master's or higher degree.....	69.8 (12.72)	67.2 (7.95)	75.6 (3.99)	67.8 (4.28)	69.6 (3.95)	69.9 (3.91)	74.8 (3.90)	69.6 (4.39)	74.3 (4.10)	73.8 (3.86)	78.8 (3.55)

See notes at end of table.

**Table 502.30. Median annual earnings of full-time year-round workers 25 to 34 years old and full-time year-round workers as a percentage of the labor force, by sex, race/ethnicity, and educational attainment: Selected years, 1995 through 2016—Continued**

[Amounts in constant 2015 dollars. Standard errors appear in parentheses]

Sex, race/ethnicity, and educational attainment	1995	2000	2005	2009	2010	2011	2012	2013	2014	2015	2016
1	2	3	4	5	6	7	8	9	10	11	12
<b>Asian<sup>3</sup></b>											
<b>Median annual earnings, all education levels.....</b>	<b>\$39,370 (1,705)</b>	<b>\$49,880 (1,183)</b>	<b>\$48,860 (1,740)</b>	<b>\$55,070 (708)</b>	<b>\$49,430 (1,861)</b>	<b>\$50,310 (3,081)</b>	<b>\$54,820 (2,879)</b>	<b>\$51,310 (1,524)</b>	<b>\$50,120 (566)</b>	<b>\$51,710 (2,609)</b>	<b>\$54,620 (2,579)</b>
Less than high school completion.....	‡ (†)	25,100 (4,366)	33,460 (5,521)	‡ (†)	‡ (†)	23,890 (3,256)	‡ (†)	‡ (†)	21,160 (1,825)	27,790 (6,379)	26,400 (3,636)
High school completion <sup>1</sup> .....	31,230 (3,237)	34,840 (1,799)	32,790 (2,316)	30,080 (3,101)	32,180 (1,689)	27,200 (1,832)	30,600 (1,063)	29,890 (2,799)	29,990 (1,861)	28,870 (741)	29,120 (1,680)
Some college, no degree.....	29,970 (3,757)	39,000 (3,812)	36,540 (2,715)	43,440 (3,823)	38,370 (1,537)	32,780 (1,862)	34,650 (3,380)	34,670 (4,280)	30,060 (3,220)	34,740 (2,809)	34,690 (1,916)
Associate's degree.....	31,600 (2,841)	40,470 (2,219)	42,510 (3,453)	41,870 (3,389)	39,430 (2,767)	36,710 (5,919)	45,290 (3,639)	32,860 (3,157)	34,010 (3,952)	30,440 (2,641)	39,580 (3,928)
Bachelor's or higher degree.....	50,300 (1,497)	68,620 (1,746)	61,440 (677)	66,330 (1,458)	65,850 (2,236)	64,010 (2,465)	67,080 (2,223)	61,600 (1,501)	60,830 (3,586)	69,980 (2,967)	69,130 (2,953)
Bachelor's degree.....	47,070 (1,545)	61,950 (2,619)	61,200 (5,407)	55,610 (760)	56,830 (4,115)	53,490 (3,496)	61,960 (2,145)	59,760 (3,617)	56,630 (2,306)	63,630 (4,414)	59,670 (2,179)
Master's or higher degree.....	59,180 (13,449)	82,950 (6,277)	66,990 (4,835)	80,630 (3,513)	75,170 (5,417)	77,020 (4,266)	72,760 (1,854)	76,690 (5,767)	73,550 (4,399)	75,760 (6,379)	80,520 (5,674)
<b>Percent,<sup>2</sup> all education levels.....</b>	<b>67.8 (2.89)</b>	<b>71.5 (1.73)</b>	<b>69.8 (1.62)</b>	<b>69.1 (1.51)</b>	<b>68.6 (1.38)</b>	<b>68.1 (1.58)</b>	<b>70.1 (1.52)</b>	<b>68.3 (1.76)</b>	<b>70.8 (1.42)</b>	<b>72.5 (1.55)</b>	<b>76.6 (1.34)</b>
Less than high school completion.....	51.7 (10.00)	66.1 (8.09)	65.1 (7.36)	56.5 (11.20)	50.0 (11.09)	59.2 (6.64)	56.3 (7.31)	58.5 (8.64)	56.0 (8.09)	75.3 (7.33)	77.8 (7.12)
High school completion <sup>1</sup> .....	71.6 (6.76)	72.9 (4.41)	70.6 (4.46)	63.7 (4.03)	63.4 (3.64)	60.9 (4.05)	68.2 (3.27)	63.9 (5.34)	68.7 (4.49)	77.6 (3.62)	79.7 (3.16)
Some college, no degree.....	60.3 (8.28)	66.1 (4.51)	73.1 (4.13)	60.6 (4.99)	59.0 (4.95)	60.8 (4.25)	53.6 (4.27)	62.7 (5.84)	62.4 (5.24)	69.4 (4.30)	71.5 (4.01)
Associate's degree.....	78.8 (7.78)	76.9 (5.56)	71.0 (5.49)	74.2 (4.21)	59.5 (5.68)	62.3 (5.50)	65.2 (5.51)	70.6 (5.80)	77.4 (4.43)	65.5 (5.92)	70.9 (5.79)
Bachelor's or higher degree.....	69.2 (4.06)	72.4 (2.29)	69.1 (2.05)	72.1 (1.83)	74.1 (1.75)	72.2 (2.02)	74.4 (1.76)	70.3 (2.20)	72.6 (1.60)	72.5 (1.92)	77.3 (1.53)
Bachelor's degree.....	73.1 (5.01)	73.9 (2.77)	71.9 (2.58)	71.0 (2.39)	76.9 (2.04)	71.4 (2.49)	75.7 (2.27)	70.0 (2.92)	75.1 (1.98)	73.8 (2.35)	76.4 (2.15)
Master's or higher degree.....	63.2 (6.76)	69.3 (4.06)	64.5 (3.23)	73.6 (3.18)	70.1 (3.19)	73.4 (3.15)	72.6 (2.75)	70.9 (3.50)	69.0 (2.74)	71.0 (2.91)	78.5 (2.15)
<b>Two or more races<sup>3</sup></b>											
<b>Median annual earnings, all education levels.....</b>	<b>— (†)</b>	<b>— (†)</b>	<b>\$42,650 (1,877)</b>	<b>\$37,010 (2,979)</b>	<b>\$38,330 (1,512)</b>	<b>\$40,340 (1,682)</b>	<b>\$37,760 (1,709)</b>	<b>\$39,400 (3,871)</b>	<b>\$34,770 (1,845)</b>	<b>\$40,170 (699)</b>	<b>\$41,710 (2,518)</b>
Less than high school completion.....	— (†)	— (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)
High school completion <sup>1</sup> .....	— (†)	— (†)	32,220 (4,624)	28,540 (1,921)	32,840 (5,332)	31,530 (552)	28,990 (2,373)	34,900 (4,719)	27,450 (1,841)	35,230 (3,241)	32,500 (5,284)
Some college, no degree.....	— (†)	— (†)	37,410 (3,966)	35,000 (5,208)	38,780 (3,994)	33,820 (4,743)	32,070 (4,250)	35,280 (3,171)	26,200 (2,612)	35,560 (4,202)	33,200 (3,054)
Associate's degree.....	— (†)	— (†)	46,720 (4,924)	‡ (†)	30,580 (1,548)	32,250 (6,273)	32,840 (2,980)	‡ (†)	‡ (†)	44,080 (2,954)	44,960 (5,896)
Bachelor's or higher degree.....	— (†)	— (†)	54,640 (3,753)	45,980 (3,050)	46,590 (4,913)	53,330 (4,682)	56,450 (4,522)	55,980 (4,902)	50,690 (5,485)	47,660 (6,373)	56,990 (8,861)
Bachelor's degree.....	— (†)	— (†)	48,280 (4,370)	44,360 (3,167)	43,410 (4,212)	52,960 (6,763)	51,970 (8,946)	49,150 (6,532)	45,910 (7,406)	40,470 (6,091)	49,560 (6,884)
Master's or higher degree.....	— (†)	— (†)	‡ (†)	‡ (†)	72,440 (14,335)	56,550 (4,983)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	69,040 (11,133)
<b>Percent,<sup>2</sup> all education levels.....</b>	<b>— (†)</b>	<b>— (†)</b>	<b>64.7 (3.31)</b>	<b>53.1 (2.93)</b>	<b>61.4 (2.89)</b>	<b>63.8 (2.93)</b>	<b>62.8 (2.83)</b>	<b>65.0 (3.45)</b>	<b>63.9 (3.18)</b>	<b>67.2 (3.15)</b>	<b>65.6 (3.06)</b>
Less than high school completion.....	— (†)	— (†)	‡ (†)	27.4 (10.95)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)
High school completion <sup>1</sup> .....	— (†)	— (†)	61.6 (4.96)	47.4 (5.69)	61.4 (6.70)	59.7 (6.34)	47.4 (5.32)	60.6 (6.98)	52.1 (6.60)	61.5 (6.44)	54.5 (6.88)
Some college, no degree.....	— (†)	— (†)	59.5 (6.16)	48.3 (6.54)	53.7 (5.96)	58.6 (5.69)	60.0 (5.96)	60.5 (7.81)	58.1 (5.79)	67.4 (5.64)	62.9 (6.19)
Associate's degree.....	— (†)	— (†)	75.3 (7.43)	55.2 (8.83)	70.4 (8.75)	68.7 (6.95)	67.4 (6.61)	‡ (†)	75.8 (7.86)	70.0 (7.58)	58.8 (8.35)
Bachelor's or higher degree.....	— (†)	— (†)	72.5 (6.07)	67.6 (4.46)	70.0 (4.73)	71.0 (4.47)	76.1 (4.41)	77.4 (5.11)	75.9 (4.19)	72.5 (4.88)	79.0 (4.06)
Bachelor's degree.....	— (†)	— (†)	81.6 (5.83)	64.2 (5.05)	70.3 (5.72)	67.9 (5.42)	73.2 (5.25)	75.7 (5.97)	79.9 (5.00)	76.9 (5.73)	77.7 (4.85)
Master's or higher degree.....	— (†)	— (†)	59.0 (11.12)	‡ (†)	69.3 (8.30)	80.3 (8.40)	84.9 (5.74)	‡ (†)	66.5 (8.81)	62.5 (9.31)	81.7 (6.66)
<b>Median annual earnings for other race groups, all education levels</b>											
Pacific Islander <sup>4</sup> .....	[ <sup>5</sup> ] (†)	[ <sup>5</sup> ] (†)	\$37,550 (4,132)	\$32,380 (4,444)	\$37,710 (1,479)	\$36,830 (2,160)	\$33,600 (5,472)	\$40,180 (4,481)	\$34,730 (3,569)	\$40,150 (1,832)	\$34,250 (1,409)
American Indian/Alaska Native <sup>4</sup> .....	31,320 (1,705)	34,830 (2,079)	36,130 (1,521)	33,560 (4,261)	34,950 (3,568)	31,450 (1,976)	33,440 (3,136)	30,740 (6,525)	30,350 (1,997)	30,280 (2,158)	35,910 (3,590)
<b>Percent<sup>2</sup> for other race groups, all education levels</b>											
Pacific Islander <sup>4</sup> .....	[ <sup>5</sup> ] (†)	[ <sup>5</sup> ] (†)	54.8 (6.78)	49.9 (7.23)	62.5 (6.79)	58.9 (5.58)	73.6 (5.82)	77.2 (6.48)	68.4 (5.09)	77.9 (4.63)	68.2 (5.16)
American Indian/Alaska Native <sup>4</sup> .....	48.7 (8.11)	60.5 (4.89)	62.4 (3.94)	62.2 (4.61)	54.3 (4.24)	54.2 (4.70)	56.7 (5.07)	60.6 (5.26)	63.8 (3.73)	61.3 (4.62)	62.2 (4.44)

—Not available.

†Not applicable.

#Rounds to zero.

<sup>1</sup>Interpret data with caution. The coefficient of variation for this estimate is between 30 and 50 percent.

‡Reporting standards not met (too few cases for a reliable estimate).

<sup>1</sup>Includes equivalency credentials, such as the GED credential.

<sup>2</sup>Full-time year-round workers as a percentage of the population ages 25 through 34 who reported working or looking for work in the given year.

<sup>3</sup>For 1995 and 2000, data for Asians, Pacific Islanders, and persons of Two or more races were not reported separately. Pacific Islander data are included with Asian data for 1995 and 2000 because these data were collected in a combined "Asian/Pacific Islander" category. Data on persons of Two or more races are unavailable for 1995 and 2000 because each respondent could choose only one race category.

<sup>4</sup>For Pacific Islanders and American Indians/Alaska Natives, data by educational attainment are omitted because these data for the most part did not meet reporting standards. All data shown for these two race categories are for persons of all education levels.

NOTE: Data are based on sample surveys of the noninstitutionalized population, which excludes persons living in institutions (e.g., prisons or nursing facilities); data include military personnel who live in households with civilians, but exclude those who live in military barracks. Beginning in 2004, standard errors were computed using replicate weights, which produced more precise values than the generalized variance function methodology used in prior years. Race categories exclude persons of Hispanic ethnicity. Constant dollars based on the Consumer Price Index, prepared by the Bureau of Labor Statistics, U.S. Department of Labor. Some data have been revised from previously published figures.

SOURCE: U.S. Department of Commerce, Census Bureau, Current Population Survey (CPS), Annual Social and Economic Supplement, 1996 through 2017. (This table was prepared October 2017.)

**Table 502.40. Annual earnings of persons 25 years old and over, by highest level of educational attainment and sex: 2016**  
[Standard errors appear in parentheses]

Sex and earnings	Total	Elementary/secondary				College					
		Less than 9th grade	Some high school, no completion	High school completion (includes equivalency)	Some college, no degree	Associate's degree	Bachelor's or higher degree				
							Total	Bachelor's degree	Master's degree	Professional degree (e.g., M.D., D.D.S., or J.D.)	Doctor's degree (e.g., Ph.D. or Ed.D.)
1	2	3	4	5	6	7	8	9	10	11	12
<b>Number of persons (in thousands)</b> .....	<b>216,921 (309.4)</b>	<b>8,807 (114.2)</b>	<b>13,734 (141.5)</b>	<b>62,512 (275.4)</b>	<b>35,455 (218.7)</b>	<b>22,310 (177.6)</b>	<b>74,103 (292.6)</b>	<b>46,262 (244.7)</b>	<b>20,592 (171.2)</b>	<b>3,172 (69.2)</b>	<b>4,077 (78.3)</b>
With earnings.....	142,710 (340.5)	3,867 (76.3)	6,421 (97.9)	36,806 (222.2)	23,370 (181.5)	16,027 (152.2)	56,220 (264.6)	34,764 (216.8)	15,656 (150.6)	2,530 (61.9)	3,270 (70.3)
<b>For persons with earnings</b>											
Percentage distribution, by total annual earnings <sup>1</sup> ..	100.0 (†)	100.0 (†)	100.0 (†)	100.0 (†)	100.0 (†)	100.0 (†)	100.0 (†)	100.0 (†)	100.0 (†)	100.0 (†)	100.0 (†)
\$1 to \$4,999 or loss <sup>2</sup> ..	4.2 (0.07)	5.5 (0.45)	7.6 (0.41)	4.9 (0.14)	5.0 (0.18)	4.2 (0.20)	3.0 (0.09)	3.4 (0.12)	2.7 (0.16)	2.2 (0.36)	1.7 (0.28)
\$5,000 to \$9,999 ..	4.1 (0.06)	6.9 (0.50)	7.2 (0.40)	5.3 (0.14)	4.5 (0.17)	4.4 (0.20)	2.5 (0.08)	2.7 (0.11)	2.3 (0.15)	2.0 (0.35)	2.2 (0.31)
\$10,000 to \$14,999 ..	5.4 (0.07)	10.9 (0.62)	10.5 (0.47)	7.4 (0.17)	6.2 (0.20)	5.3 (0.22)	2.9 (0.09)	3.4 (0.12)	2.4 (0.15)	1.2 (0.27)	1.8 (0.29)
\$15,000 to \$19,999 ..	5.8 (0.08)	16.4 (0.74)	12.4 (0.51)	7.6 (0.17)	6.7 (0.20)	5.3 (0.22)	2.9 (0.09)	3.5 (0.12)	2.1 (0.14)	0.9 (0.24)	1.2 (0.23)
\$20,000 to \$24,999 ..	7.1 (0.08)	14.7 (0.70)	13.4 (0.52)	9.8 (0.19)	8.1 (0.22)	7.0 (0.25)	3.8 (0.10)	4.3 (0.14)	3.0 (0.17)	2.3 (0.36)	2.3 (0.32)
\$25,000 to \$29,999 ..	6.6 (0.08)	11.3 (0.63)	9.7 (0.46)	9.5 (0.19)	7.6 (0.21)	7.2 (0.25)	3.5 (0.10)	4.3 (0.13)	2.6 (0.16)	1.7 (0.32)	1.7 (0.28)
\$30,000 to \$34,999 ..	7.7 (0.09)	9.7 (0.59)	9.5 (0.45)	10.5 (0.20)	9.8 (0.24)	8.9 (0.28)	4.4 (0.11)	5.3 (0.15)	3.1 (0.17)	2.2 (0.36)	2.2 (0.31)
\$35,000 to \$39,999 ..	6.5 (0.08)	6.8 (0.50)	7.1 (0.40)	7.7 (0.17)	7.8 (0.22)	8.1 (0.27)	4.7 (0.11)	5.5 (0.15)	3.8 (0.19)	1.9 (0.34)	2.1 (0.31)
\$40,000 to \$49,999 ..	11.6 (0.10)	7.3 (0.52)	9.0 (0.44)	12.3 (0.21)	12.7 (0.27)	13.7 (0.34)	10.7 (0.16)	12.1 (0.22)	9.5 (0.29)	4.7 (0.52)	5.3 (0.48)
\$50,000 to \$74,999 ..	19.2 (0.13)	6.9 (0.50)	9.6 (0.45)	15.8 (0.23)	17.8 (0.31)	20.6 (0.39)	23.7 (0.22)	23.7 (0.28)	25.7 (0.43)	17.4 (0.93)	18.6 (0.84)
\$75,000 to \$99,999 ..	9.2 (0.09)	1.3 (0.22)	2.0 (0.22)	5.0 (0.14)	7.3 (0.21)	9.0 (0.28)	14.0 (0.18)	13.0 (0.22)	16.5 (0.37)	13.1 (0.83)	14.4 (0.76)
\$100,000 or more.....	12.4 (0.11)	2.2 (0.29)	1.9 (0.21)	4.1 (0.13)	6.5 (0.20)	6.3 (0.24)	24.0 (0.22)	19.0 (0.26)	26.2 (0.43)	50.3 (1.23)	46.8 (1.08)
Median annual earnings <sup>1</sup> ..	\$41,180 (111)	\$22,470 (506)	\$24,430 (466)	\$31,600 (115)	\$35,900 (200)	\$39,600 (661)	\$60,680 (179)	\$52,780 (835)	\$65,880 (571)	\$100,120 (3,370)	\$91,640 (2,089)
<b>Number of males (in thousands)</b> .....	<b>104,324 (224.4)</b>	<b>4,402 (80.8)</b>	<b>6,934 (100.5)</b>	<b>31,296 (194.8)</b>	<b>16,930 (151.6)</b>	<b>9,651 (117.5)</b>	<b>35,112 (203.1)</b>	<b>21,906 (169.2)</b>	<b>9,049 (114.0)</b>	<b>1,765 (51.6)</b>	<b>2,392 (59.9)</b>
With earnings.....	75,768 (241.3)	2,552 (61.9)	3,954 (76.7)	21,382 (167.5)	12,251 (131.1)	7,511 (104.4)	28,118 (187.1)	17,577 (154.1)	7,219 (102.4)	1,420 (46.3)	1,902 (53.5)
<b>For males with earnings</b>											
Percentage distribution, by total annual earnings <sup>1</sup> ..	100.0 (†)	100.0 (†)	100.0 (†)	100.0 (†)	100.0 (†)	100.0 (†)	100.0 (†)	100.0 (†)	100.0 (†)	100.0 (†)	100.0 (†)
\$1 to \$4,999 or loss <sup>2</sup> ..	2.8 (0.07)	3.6 (0.46)	5.1 (0.43)	3.3 (0.15)	3.4 (0.20)	3.0 (0.24)	1.8 (0.10)	1.9 (0.13)	2.0 (0.20)	† (†)	† (†)
\$5,000 to \$9,999 ..	2.8 (0.07)	3.8 (0.47)	4.1 (0.39)	3.5 (0.15)	3.6 (0.21)	3.1 (0.25)	1.7 (0.10)	1.6 (0.12)	1.9 (0.20)	† (†)	1.4 (0.34)
\$10,000 to \$14,999 ..	4.1 (0.09)	7.6 (0.65)	8.5 (0.55)	5.2 (0.19)	4.5 (0.23)	3.8 (0.27)	2.2 (0.11)	2.6 (0.15)	1.7 (0.19)	† (†)	† (†)
\$15,000 to \$19,999 ..	4.5 (0.09)	14.6 (0.86)	10.2 (0.60)	5.3 (0.19)	5.1 (0.24)	3.6 (0.27)	2.1 (0.10)	2.5 (0.15)	1.4 (0.17)	† (†)	† (†)
\$20,000 to \$24,999 ..	6.0 (0.11)	15.0 (0.87)	12.0 (0.64)	8.6 (0.24)	5.9 (0.26)	4.7 (0.30)	2.6 (0.12)	3.0 (0.16)	2.1 (0.21)	† (†)	2.2 (0.41)
\$25,000 to \$29,999 ..	5.8 (0.10)	11.2 (0.77)	9.9 (0.59)	8.2 (0.23)	6.1 (0.27)	4.8 (0.30)	2.9 (0.12)	3.4 (0.17)	2.4 (0.22)	2.0 (0.46)	1.5 (0.34)
\$30,000 to \$34,999 ..	7.2 (0.12)	11.8 (0.79)	10.8 (0.61)	10.1 (0.26)	8.5 (0.31)	7.2 (0.37)	3.4 (0.13)	4.1 (0.19)	2.5 (0.23)	1.0 (0.32)	1.4 (0.34)
\$35,000 to \$39,999 ..	6.3 (0.11)	8.6 (0.69)	8.6 (0.55)	8.0 (0.23)	7.7 (0.30)	7.4 (0.37)	3.7 (0.14)	4.4 (0.19)	2.9 (0.24)	1.5 (0.40)	1.7 (0.36)
\$40,000 to \$49,999 ..	11.6 (0.14)	9.4 (0.71)	11.7 (0.63)	14.4 (0.30)	13.4 (0.38)	13.9 (0.49)	8.4 (0.20)	9.6 (0.27)	7.3 (0.38)	3.8 (0.63)	4.6 (0.60)
\$50,000 to \$74,999 ..	21.2 (0.18)	9.5 (0.72)	13.8 (0.68)	20.4 (0.34)	21.8 (0.46)	25.3 (0.62)	22.5 (0.31)	24.6 (0.40)	21.0 (0.59)	14.5 (1.15)	14.6 (1.00)
\$75,000 to \$99,999 ..	10.8 (0.14)	1.7 (0.32)	2.8 (0.32)	7.2 (0.22)	10.3 (0.34)	13.0 (0.48)	15.2 (0.26)	14.9 (0.33)	17.4 (0.55)	11.1 (1.03)	12.7 (0.94)
\$100,000 or more.....	16.9 (0.17)	3.0 (0.42)	2.4 (0.30)	6.0 (0.20)	9.7 (0.33)	10.2 (0.43)	33.5 (0.35)	27.3 (0.41)	37.3 (0.70)	59.0 (1.61)	57.0 (1.40)
Median annual earnings <sup>1</sup> ..	\$48,210 (457)	\$26,780 (522)	\$30,030 (791)	\$37,410 (378)	\$42,290 (358)	\$48,420 (1063)	\$71,990 (354)	\$65,670 (506)	\$80,540 (920)	\$106,690 (6,034)	\$106,280 (5,273)

See notes at end of table.

**Table 502.40. Annual earnings of persons 25 years old and over, by highest level of educational attainment and sex: 2016—Continued**  
 [Standard errors appear in parentheses]

Sex and earnings	Total	Elementary/secondary						College							
		Less than 9th grade		Some high school, no completion		High school completion (includes equivalency)		Some college, no degree		Associate's degree		Bachelor's or higher degree			
												Total	Bachelor's degree	Master's degree	Professional degree (e.g., M.D., D.D.S., or J.D.)
1	2	3	4	5	6	7	8	9	10	11	12				
<b>Number of females (in thousands).....</b>	<b>112,597 (240.3)</b>	<b>4,406 (80.9)</b>	<b>6,799 (99.8)</b>	<b>31,216 (197.1)</b>	<b>18,525 (158.7)</b>	<b>12,659 (133.7)</b>	<b>38,991 (214.1)</b>	<b>24,357 (178.4)</b>	<b>11,543 (128.1)</b>	<b>1,407 (46.1)</b>	<b>1,685 (50.5)</b>				
With earnings.....	66,942 (248.6)	1,314 (44.6)	2,467 (60.9)	15,423 (146.3)	11,119 (125.9)	8,516 (111.1)	28,103 (189.1)	17,188 (153.5)	8,437 (110.6)	1,110 (41.0)	1,368 (45.5)				
<b>For females with earnings</b>															
Percentage distribution, by total annual earnings <sup>1</sup> ..	100.0 (†)	100.0 (†)	100.0 (†)	100.0 (†)	100.0 (†)	100.0 (†)	100.0 (†)	100.0 (†)	100.0 (†)	100.0 (†)	100.0 (†)				
\$1 to \$4,999 or loss <sup>2</sup> .....	5.8 (0.11)	9.4 (0.99)	11.6 (0.80)	7.2 (0.26)	6.6 (0.29)	5.2 (0.30)	4.2 (0.15)	4.9 (0.20)	3.3 (0.24)	3.4 (0.67)	2.8 (0.55)				
\$5,000 to \$9,999.....	5.6 (0.11)	12.6 (1.13)	12.2 (0.81)	7.9 (0.27)	5.6 (0.27)	5.5 (0.30)	3.3 (0.13)	3.7 (0.18)	2.7 (0.22)	2.2 (0.54)	3.2 (0.59)				
\$10,000 to \$14,999.....	7.0 (0.12)	17.4 (1.29)	13.8 (0.86)	10.4 (0.30)	8.2 (0.32)	6.6 (0.33)	3.6 (0.14)	4.1 (0.19)	3.1 (0.23)	0.6 † (0.29)	2.6 (0.53)				
\$15,000 to \$19,999.....	7.2 (0.12)	19.9 (1.36)	15.8 (0.91)	10.8 (0.31)	8.5 (0.33)	6.7 (0.33)	3.6 (0.14)	4.5 (0.19)	2.6 (0.21)	0.7 † (0.31)	1.8 (0.44)				
\$20,000 to \$24,999.....	8.4 (0.13)	14.2 (1.19)	15.5 (0.90)	11.5 (0.32)	10.4 (0.36)	9.1 (0.38)	4.9 (0.16)	5.7 (0.22)	3.8 (0.26)	3.9 (0.72)	2.4 (0.51)				
\$25,000 to \$29,999.....	7.6 (0.13)	11.4 (1.08)	9.4 (0.73)	11.3 (0.31)	9.3 (0.34)	9.4 (0.39)	4.1 (0.15)	5.2 (0.21)	2.7 (0.22)	1.2 † (0.40)	1.9 (0.46)				
\$30,000 to \$34,999.....	8.3 (0.13)	5.7 (0.79)	7.2 (0.64)	11.0 (0.31)	11.2 (0.37)	10.4 (0.41)	5.4 (0.17)	6.5 (0.23)	3.6 (0.25)	3.7 (0.70)	3.2 (0.59)				
\$35,000 to \$39,999.....	6.8 (0.12)	3.3 (0.61)	4.8 (0.53)	7.3 (0.26)	7.9 (0.32)	8.8 (0.38)	5.7 (0.17)	6.6 (0.23)	4.6 (0.28)	2.3 (0.56)	2.8 (0.55)				
\$40,000 to \$49,999.....	11.6 (0.15)	3.3 (0.61)	4.8 (0.53)	9.5 (0.29)	12.0 (0.38)	13.5 (0.46)	12.9 (0.25)	14.6 (0.33)	11.5 (0.43)	5.9 (0.88)	6.2 (0.81)				
\$50,000 to \$74,999.....	17.1 (0.18)	1.7 (0.44)	2.9 (0.42)	9.5 (0.29)	13.4 (0.40)	16.5 (0.50)	24.8 (0.32)	22.7 (0.39)	29.8 (0.62)	21.1 (1.51)	24.0 (1.43)				
\$75,000 to \$99,999.....	7.3 (0.12)	†	0.9 (0.23)	2.0 (0.14)	4.0 (0.23)	5.6 (0.31)	12.9 (0.25)	11.0 (0.29)	15.7 (0.49)	15.8 (1.35)	16.5 (1.24)				
\$100,000 or more.....	7.4 (0.12)	†	†	1.6 (0.13)	2.9 (0.20)	2.9 (0.22)	14.5 (0.26)	10.5 (0.29)	16.6 (0.50)	39.1 (1.81)	32.5 (1.56)				
Median annual earnings <sup>1</sup> ..	\$35,020 (329)	\$17,020 (342)	\$17,940 (876)	\$25,690 (201)	\$30,370 (197)	\$32,290 (239)	\$50,960 (182)	\$45,600 (282)	\$57,820 (1,027)	\$81,400 (2,732)	\$72,200 (3,446)				

†Not applicable.

!Interpret data with caution. The coefficient of variation (CV) for this estimate is between 30 and 50 percent.

‡Reporting standards not met. Either there are too few cases for a reliable estimate or the coefficient of variation (CV) is 50 percent or greater.

<sup>1</sup>Excludes persons without earnings.

<sup>2</sup>A negative amount (a net loss) may be reported by self-employed persons.

NOTE: Detail may not sum to totals because of rounding and suppression of data that do not meet reporting standards.

SOURCE: U.S. Department of Commerce, Census Bureau, Current Population Survey (CPS), Annual Social and Economic Supplement, 2016; retrieved April 20, 2018, from <https://www.census.gov/data/tables/time-series/demo/income-poverty/cps-pinc/pinc-03.html>. (This table was prepared May 2018.)

**Table 503.10. Percentage of high school students age 16 and over who were employed, by age group, sex, race/ethnicity, family income, nativity, and hours worked per week: Selected years, 1970 through 2016**

[Standard errors appear in parentheses]

Year	Age group			Sex		Race/ethnicity			Family income <sup>1</sup>			Nativity	
	Total	16 and 17 years old	18 years old and over	Male	Female	White	Black	Hispanic	Low income	Middle income	High income	U.S.-born	Foreign-born
1	2	3	4	5	6	7	8	9	10	11	12	13	14
Percent employed <sup>2</sup>													
1970.....	31.9 (0.88)	30.8 (0.93)	39.7 (2.55)	35.2 (1.24)	28.3 (1.22)	— (†)	— (†)	— (†)	22.0 (2.51)	31.5 (1.12)	35.9 (1.64)	— (†)	— (†)
1975.....	33.2 (0.85)	32.9 (0.91)	34.9 (2.40)	35.0 (1.19)	31.2 (1.22)	38.0 (1.00)	13.9 (1.63)	21.8 (3.59)	18.4 (2.22)	31.8 (1.10)	40.4 (1.59)	— (†)	— (†)
1980.....	35.6 (0.87)	34.9 (0.94)	39.6 (2.28)	36.9 (1.22)	34.2 (1.24)	41.2 (1.03)	15.0 (1.64)	24.1 (3.65)	19.4 (2.10)	35.2 (1.15)	42.3 (1.59)	— (†)	— (†)
1985.....	31.6 (0.93)	30.8 (1.00)	36.1 (2.47)	32.1 (1.29)	31.0 (1.33)	37.9 (1.15)	15.0 (1.85)	17.6 (2.83)	14.7 (1.85)	31.0 (1.23)	41.1 (1.81)	— (†)	— (†)
1990.....	32.3 (0.98)	31.2 (1.08)	37.1 (2.33)	33.1 (1.37)	31.3 (1.39)	37.8 (1.24)	17.3 (2.05)	26.4 (2.86)	21.4 (2.16)	33.1 (1.29)	36.8 (1.97)	— (†)	— (†)
1995.....	33.6 (0.92)	32.7 (1.02)	37.5 (2.19)	33.1 (1.26)	34.2 (1.35)	40.8 (1.18)	18.0 (1.91)	22.2 (2.41)	17.4 (1.82)	34.4 (1.23)	42.1 (1.88)	34.9 (0.97)	20.1 (2.65)
2000.....	34.1 (0.93)	33.3 (1.03)	37.7 (2.15)	33.2 (1.28)	35.1 (1.36)	41.3 (1.20)	21.3 (2.14)	20.9 (2.18)	22.0 (2.11)	34.1 (1.22)	40.7 (1.85)	35.1 (0.99)	24.4 (2.74)
2001.....	32.4 (0.86)	31.1 (0.95)	37.8 (1.99)	30.6 (1.17)	34.5 (1.27)	38.9 (1.11)	18.7 (1.85)	23.6 (2.23)	21.4 (2.04)	33.3 (1.12)	36.1 (1.70)	33.3 (0.90)	23.0 (2.64)
2002.....	30.6 (0.84)	29.2 (0.93)	35.9 (1.92)	28.0 (1.13)	33.4 (1.24)	37.5 (1.11)	16.9 (1.81)	21.1 (1.94)	18.4 (1.83)	31.4 (1.11)	35.3 (1.64)	31.6 (0.89)	21.3 (2.34)
2003.....	27.0 (0.79)	25.3 (0.86)	34.6 (1.97)	26.7 (1.09)	27.3 (1.15)	33.3 (1.07)	15.2 (1.68)	18.8 (1.82)	14.3 (1.64)	27.8 (1.05)	31.8 (1.57)	28.0 (0.84)	17.7 (2.17)
2004.....	27.2 (0.80)	25.6 (0.87)	34.7 (2.03)	26.2 (1.09)	28.3 (1.17)	32.9 (1.08)	15.1 (1.71)	21.2 (1.92)	12.0 (1.55)	27.5 (1.05)	34.4 (1.64)	27.8 (0.85)	20.8 (2.43)
2005.....	26.4 (0.77)	25.2 (0.84)	32.2 (1.95)	25.3 (1.05)	27.6 (1.14)	31.8 (1.05)	13.7 (1.63)	19.4 (1.78)	14.8 (1.61)	26.9 (1.03)	31.7 (1.55)	26.8 (0.81)	21.7 (2.49)
2006.....	27.6 (0.79)	26.0 (0.86)	34.1 (1.87)	26.5 (1.08)	28.8 (1.16)	33.6 (1.08)	20.1 (1.85)	17.5 (1.72)	17.8 (1.72)	27.5 (1.04)	33.5 (1.59)	27.9 (0.82)	23.9 (2.64)
2007.....	26.2 (0.78)	24.8 (0.85)	32.2 (1.87)	25.0 (1.06)	27.6 (1.14)	31.3 (1.06)	15.1 (1.68)	21.1 (1.83)	17.3 (1.74)	25.9 (1.01)	32.1 (1.62)	26.0 (0.81)	28.5 (2.64)
2008.....	22.6 (0.74)	21.0 (0.80)	29.5 (1.83)	20.0 (0.99)	25.4 (1.10)	27.7 (1.04)	15.5 (1.69)	15.1 (1.54)	13.5 (1.54)	22.6 (0.96)	28.4 (1.59)	23.1 (0.78)	18.0 (2.35)
2009.....	17.0 (0.67)	15.2 (0.72)	23.8 (1.65)	16.0 (0.91)	18.1 (0.98)	21.5 (0.96)	10.5 (1.43)	11.9 (1.39)	9.7 (1.33)	16.3 (0.85)	23.5 (1.51)	17.0 (0.70)	16.9 (2.32)
2010 <sup>3</sup> .....	16.2 (0.55)	15.0 (0.59)	20.8 (1.52)	14.0 (0.78)	18.5 (0.86)	20.9 (0.86)	9.6 (1.28)	10.4 (1.18)	8.5 (1.01)	16.5 (0.80)	20.9 (1.31)	16.4 (0.60)	13.4 (2.20)
2011 <sup>3</sup> .....	16.9 (0.67)	16.4 (0.77)	18.7 (1.88)	14.7 (0.76)	19.4 (1.09)	22.2 (1.07)	10.2 (1.43)	11.3 (1.11)	10.2 (1.29)	17.5 (0.83)	19.6 (1.39)	17.3 (0.74)	12.4 (1.91)
2012 <sup>3</sup> .....	18.0 (0.71)	16.0 (0.75)	24.5 (1.88)	16.6 (0.83)	19.4 (1.13)	23.2 (0.97)	12.7 (2.17)	11.4 (1.23)	13.0 (1.42)	16.4 (0.88)	24.9 (1.55)	18.6 (0.76)	12.0 (2.01)
2013 <sup>3</sup> .....	17.9 (0.65)	15.8 (0.69)	24.7 (1.73)	17.6 (0.89)	18.3 (0.94)	23.3 (0.99)	11.8 (1.42)	14.0 (1.19)	9.7 (1.26)	16.9 (0.90)	25.4 (1.69)	17.8 (0.66)	19.0 (2.67)
2014 <sup>3</sup> .....	19.2 (0.70)	17.3 (0.71)	25.5 (1.63)	18.1 (0.90)	20.3 (1.03)	23.2 (1.00)	14.0 (1.65)	14.7 (1.47)	12.6 (1.52)	19.3 (0.88)	23.2 (1.54)	19.2 (0.75)	18.8 (2.20)
2015 <sup>3</sup> .....	19.0 (0.73)	17.2 (0.79)	25.8 (1.70)	18.1 (0.92)	20.0 (1.23)	22.2 (1.05)	15.0 (2.03)	15.7 (1.42)	13.7 (1.87)	18.8 (0.93)	22.3 (1.47)	19.0 (0.78)	19.2 (2.20)
2016 <sup>3</sup> .....	18.3 (0.70)	16.5 (0.79)	24.9 (1.80)	15.8 (0.88)	20.9 (1.16)	22.9 (0.95)	9.3 (1.54)	15.0 (1.38)	8.1 (1.17)	18.9 (0.98)	22.8 (1.58)	18.7 (0.77)	14.0 (2.13)
Percent working less than 15 hours per week <sup>4</sup>													
1970.....	13.6 (0.64)	14.5 (0.71)	7.5 (1.37)	12.3 (0.85)	14.9 (0.97)	— (†)	— (†)	— (†)	9.9 (1.81)	12.6 (0.80)	16.8 (1.28)	— (†)	— (†)
1975.....	13.4 (0.62)	14.0 (0.67)	8.8 (1.43)	12.5 (0.82)	14.3 (0.92)	15.5 (0.75)	5.3 (1.05)	6.6 ! (2.15)	6.8 (1.44)	12.3 (0.78)	17.4 (1.23)	— (†)	— (†)
1980.....	14.0 (0.63)	14.9 (0.70)	8.9 (1.33)	13.7 (0.87)	14.2 (0.91)	16.4 (0.77)	4.6 (0.96)	9.4 (2.49)	7.7 (1.41)	13.2 (0.82)	17.7 (1.23)	— (†)	— (†)
1985.....	12.3 (0.65)	12.8 (0.72)	9.5 (1.51)	11.7 (0.89)	12.9 (0.96)	15.2 (0.85)	6.2 (1.25)	3.0 ! (1.18)	3.6 (0.97)	11.8 (0.86)	17.5 (1.40)	— (†)	— (†)
1990.....	11.7 (0.67)	12.9 (0.78)	6.8 (1.21)	11.3 (0.92)	12.2 (0.98)	14.7 (0.90)	6.0 (1.28)	4.8 (1.39)	5.9 (1.24)	11.5 (0.88)	15.6 (1.48)	— (†)	— (†)
1995.....	11.9 (0.63)	13.1 (0.73)	6.8 (1.14)	11.1 (0.84)	12.9 (0.96)	14.8 (0.85)	6.5 (1.22)	6.5 (1.42)	4.4 (0.98)	11.3 (0.82)	18.1 (1.47)	12.6 (0.68)	5.1 (1.46)
2000.....	11.9 (0.64)	12.9 (0.73)	7.8 (1.19)	11.2 (0.86)	12.6 (0.94)	15.4 (0.88)	6.3 (1.27)	3.7 (1.01)	5.4 (1.15)	11.3 (0.82)	16.5 (1.40)	12.6 (0.68)	5.2 (1.42)
2001.....	11.6 (0.59)	12.6 (0.68)	7.7 (1.10)	9.8 (0.75)	13.7 (0.91)	15.0 (0.82)	4.3 (0.96)	6.1 (1.26)	5.7 (1.15)	10.8 (0.74)	16.4 (1.31)	12.2 (0.63)	5.5 (1.43)
2002.....	11.1 (0.57)	12.1 (0.66)	7.2 (1.04)	9.7 (0.74)	12.7 (0.87)	15.0 (0.82)	4.5 (1.00)	3.6 (0.89)	6.0 (1.12)	10.0 (0.72)	16.1 (1.26)	11.9 (0.62)	4.1 (1.13)
2003.....	9.6 (0.52)	10.0 (0.59)	7.8 (1.11)	9.0 (0.70)	10.2 (0.78)	12.4 (0.75)	4.5 (0.96)	5.5 (1.06)	4.8 (1.00)	9.1 (0.67)	13.1 (1.14)	10.2 (0.57)	3.7 (1.07)
2004.....	10.4 (0.55)	10.9 (0.62)	8.4 (1.18)	9.9 (0.74)	11.0 (0.82)	14.0 (0.80)	4.9 (1.03)	4.4 (0.96)	3.5 (0.87)	8.5 (0.66)	18.1 (1.33)	11.0 (0.59)	5.2 (1.33)
2005.....	10.1 (0.53)	10.7 (0.60)	7.2 (1.08)	8.9 (0.69)	11.4 (0.81)	13.4 (0.77)	3.7 (0.89)	5.0 (0.99)	3.7 (0.85)	9.9 (0.69)	13.9 (1.16)	10.6 (0.56)	4.6 (1.26)
2006.....	9.9 (0.53)	10.7 (0.61)	6.4 (0.97)	8.8 (0.69)	11.0 (0.80)	12.8 (0.76)	5.2 (1.03)	4.2 (0.91)	3.7 (0.85)	9.2 (0.67)	14.7 (1.20)	10.5 (0.56)	3.0 ! (1.06)
2007.....	10.6 (0.54)	11.4 (0.63)	7.0 (1.02)	9.5 (0.72)	11.7 (0.82)	14.2 (0.80)	3.0 (0.80)	6.0 (1.06)	6.1 (1.10)	9.6 (0.68)	15.3 (1.25)	11.1 (0.58)	5.7 (1.36)
2008.....	9.2 (0.51)	9.9 (0.59)	6.1 (0.96)	8.1 (0.68)	10.3 (0.77)	12.4 (0.77)	3.2 (0.82)	4.1 (0.85)	3.1 (0.78)	9.1 (0.66)	13.0 (1.18)	9.6 (0.54)	4.6 (1.28)
2009.....	7.6 (0.47)	8.0 (0.54)	6.2 (0.94)	6.8 (0.62)	8.4 (0.71)	10.1 (0.71)	3.6 (0.86)	4.7 (0.91)	3.6 (0.83)	6.9 (0.58)	11.8 (1.15)	7.8 (0.50)	5.2 (1.38)
2010 <sup>3</sup> .....	7.3 (0.42)	7.5 (0.49)	6.8 (0.94)	6.3 (0.50)	8.4 (0.69)	9.5 (0.65)	4.1 (0.82)	4.5 (0.79)	3.0 (0.63)	7.1 (0.54)	10.9 (1.01)	7.7 (0.45)	3.4 ! (1.21)
2011 <sup>3</sup> .....	7.3 (0.40)	8.1 (0.50)	4.4 (0.71)	5.8 (0.51)	9.0 (0.66)	11.0 (0.66)	2.2 (0.60)	2.7 (0.54)	3.7 (0.81)	7.0 (0.55)	10.2 (0.94)	7.7 (0.44)	2.8 ! (0.98)
2012 <sup>3</sup> .....	8.2 (0.46)	8.5 (0.53)	7.3 (0.95)	7.1 (0.57)	9.4 (0.73)	12.2 (0.73)	3.7 (0.92)	2.4 (0.58)	4.2 (0.89)	7.2 (0.53)	13.3 (1.27)	8.8 (0.50)	2.4 ! (0.75)
2013 <sup>3</sup> .....	7.9 (0.50)	8.2 (0.54)	6.8 (0.99)	6.9 (0.61)	8.9 (0.77)	12.2 (0.81)	2.6 (0.71)	3.4 (0.62)	2.9 (0.78)	7.0 (0.54)	13.1 (1.38)	8.1 (0.50)	5.5 ! (1.75)
2014 <sup>3</sup> .....	7.8 (0.43)	8.4 (0.49)	5.7 (0.85)	6.5 (0.54)	9.1 (0.67)	10.7 (0.67)	3.5 (0.91)	3.5 (0.65)	3.8 (0.90)	7.6 (0.57)	10.9 (1.04)	8.2 (0.46)	3.7 ! (1.14)
2015 <sup>3</sup> .....	8.5 (0.48)	8.7 (0.54)	7.8 (1.07)	7.8 (0.70)	9.3 (0.75)	10.9 (0.75)	7.0 (1.49)	5.3 (0.97)	5.0 (1.07)	7.7 (0.60)	12.2 (1.18)	9.1 (0.53)	3.4 (1.00)
2016 <sup>3</sup> .....	8.1 (0.48)	8.4 (0.57)	7.0 (1.12)	6.5 (0.58)	9.8 (0.85)	10.8 (0.73)	2.4 (0.81)	5.0 (0.81)	2.6 (0.70)	7.5 (0.63)	12.4 (1.18)	8.5 (0.51)	4.5 (1.33)

See notes at end of table.

**Table 503.10. Percentage of high school students age 16 and over who were employed, by age group, sex, race/ethnicity, family income, nativity, and hours worked per week: Selected years, 1970 through 2016—Continued**

[Standard errors appear in parentheses]

Year	Total	Age group		Sex		Race/ethnicity			Family income <sup>1</sup>			Nativity	
		16 and 17 years old	18 years old and over	Male	Female	White	Black	Hispanic	Low income	Middle income	High income	U.S.-born	Foreign-born
1	2	3	4	5	6	7	8	9	10	11	12	13	14
Percent working 15 or more hours per week <sup>4</sup>													
1970.....	17.5 (0.71)	15.6 (0.73)	30.8 (2.41)	22.1 (1.08)	12.6 (0.90)	— (†)	— (†)	— (†)	10.6 (1.87)	18.4 (0.93)	18.1 (1.32)	— (†)	— (†)
1975.....	19.2 (0.71)	18.2 (0.75)	25.7 (2.20)	21.7 (1.03)	16.4 (0.97)	21.8 (0.85)	8.3 (1.30)	14.7 (3.08)	11.3 (1.81)	19.0 (0.93)	22.1 (1.34)	— (†)	— (†)
1980.....	20.5 (0.73)	19.0 (0.77)	29.4 (2.12)	22.1 (1.05)	18.9 (1.02)	23.5 (0.89)	10.1 (1.39)	14.3 (2.99)	11.4 (1.69)	21.0 (0.98)	23.1 (1.36)	— (†)	— (†)
1985.....	18.4 (0.77)	17.2 (0.81)	25.5 (2.24)	19.5 (1.09)	17.3 (1.09)	21.7 (0.97)	8.4 (1.44)	13.7 (2.37)	10.0 (1.57)	18.4 (1.03)	22.6 (1.54)	— (†)	— (†)
1990.....	19.7 (0.83)	17.5 (0.88)	29.1 (2.19)	21.0 (1.19)	18.3 (1.16)	22.1 (1.06)	10.6 (1.67)	21.5 (2.66)	15.0 (1.88)	20.8 (1.11)	20.2 (1.64)	— (†)	— (†)
1995.....	20.5 (0.79)	18.4 (0.84)	29.7 (2.07)	20.8 (1.09)	20.2 (1.14)	24.5 (1.03)	10.9 (1.55)	15.1 (2.07)	12.7 (1.60)	21.9 (1.07)	22.5 (1.59)	21.1 (0.83)	14.9 (2.35)
2000.....	21.1 (0.80)	19.2 (0.86)	28.8 (2.01)	21.1 (1.11)	21.0 (1.16)	24.6 (1.05)	13.8 (1.80)	16.3 (1.98)	15.6 (1.85)	21.5 (1.06)	23.1 (1.59)	21.3 (0.84)	19.0 (2.50)
2001.....	19.4 (0.73)	17.1 (0.77)	28.3 (1.85)	19.6 (1.01)	19.1 (1.05)	22.2 (0.95)	13.4 (1.62)	17.0 (1.97)	14.6 (1.76)	20.9 (0.97)	18.4 (1.37)	19.6 (0.76)	16.9 (2.35)
2002.....	18.5 (0.71)	16.1 (0.75)	27.9 (1.80)	17.5 (0.95)	19.7 (1.04)	21.4 (0.94)	11.9 (1.57)	16.8 (1.78)	12.3 (1.55)	20.7 (0.97)	17.4 (1.30)	18.7 (0.75)	16.5 (2.12)
2003.....	16.4 (0.66)	14.3 (0.69)	25.9 (1.82)	16.8 (0.92)	16.0 (0.94)	19.5 (0.90)	10.4 (1.42)	13.1 (1.57)	9.1 (1.35)	17.6 (0.89)	17.7 (1.29)	16.7 (0.70)	13.6 (1.95)
2004.....	16.0 (0.66)	13.8 (0.68)	26.2 (1.88)	15.5 (0.90)	16.6 (0.97)	17.8 (0.88)	10.2 (1.45)	16.6 (1.75)	8.1 (1.30)	18.3 (0.91)	15.2 (1.24)	16.1 (0.69)	15.2 (2.15)
2005.....	15.2 (0.63)	13.4 (0.66)	23.5 (1.77)	15.5 (0.88)	14.8 (0.90)	17.0 (0.84)	9.6 (1.40)	13.6 (1.55)	10.8 (1.40)	15.9 (0.85)	16.1 (1.23)	15.1 (0.66)	16.5 (2.24)
2006.....	17.0 (0.66)	14.4 (0.69)	27.0 (1.75)	16.8 (0.91)	17.1 (0.96)	19.5 (0.90)	14.5 (1.63)	13.3 (1.54)	13.8 (1.55)	17.7 (0.89)	17.3 (1.27)	16.6 (0.68)	20.8 (2.51)
2007.....	15.0 (0.63)	12.8 (0.66)	24.2 (1.72)	14.8 (0.87)	15.2 (0.92)	16.2 (0.85)	11.4 (1.49)	14.9 (1.59)	10.9 (1.44)	15.6 (0.83)	15.8 (1.27)	14.3 (0.65)	22.2 (2.43)
2008.....	12.8 (0.59)	10.3 (0.60)	22.7 (1.68)	11.4 (0.79)	14.1 (0.88)	14.3 (0.82)	11.9 (1.51)	10.6 (1.32)	9.9 (1.34)	12.8 (0.77)	14.4 (1.23)	12.7 (0.62)	13.0 (2.06)
2009.....	8.7 (0.50)	6.4 (0.49)	17.3 (1.47)	8.4 (0.69)	9.1 (0.73)	10.4 (0.71)	6.5 (1.15)	7.2 (1.11)	5.9 (1.06)	8.9 (0.66)	9.9 (1.07)	8.4 (0.52)	11.7 (1.99)
2010 <sup>5</sup> .....	8.3 (0.45)	6.9 (0.47)	13.4 (1.24)	7.2 (0.62)	9.4 (0.70)	10.5 (0.67)	5.3 (1.01)	5.6 (0.84)	5.3 (0.88)	9.0 (0.58)	8.7 (1.16)	8.1 (0.46)	9.6 (1.83)
2011 <sup>5</sup> .....	9.0 (0.52)	7.7 (0.56)	13.6 (1.10)	8.4 (0.63)	9.8 (0.78)	10.5 (0.77)	7.4 (1.30)	8.4 (1.06)	6.3 (1.10)	10.0 (0.69)	8.5 (0.94)	9.0 (0.55)	9.6 (1.84)
2012 <sup>5</sup> .....	8.9 (0.55)	6.7 (0.51)	16.5 (1.62)	8.4 (0.62)	9.5 (0.84)	10.0 (0.69)	8.2 (1.97)	8.4 (1.04)	8.3 (1.22)	8.7 (0.68)	9.9 (1.30)	8.9 (0.59)	9.6 (1.76)
2013 <sup>5</sup> .....	9.7 (0.56)	7.3 (0.53)	17.4 (1.57)	10.3 (0.85)	9.1 (0.67)	10.6 (0.81)	9.1 (1.37)	10.6 (1.10)	6.7 (1.19)	9.7 (0.82)	11.7 (1.12)	9.4 (0.60)	13.4 (2.15)
2014 <sup>5</sup> .....	10.7 (0.55)	8.2 (0.48)	19.3 (1.49)	10.8 (0.72)	10.6 (0.81)	11.6 (0.75)	9.4 (1.52)	11.0 (1.30)	8.6 (1.34)	11.1 (0.73)	11.1 (1.25)	10.2 (0.56)	15.1 (2.12)
2015 <sup>5</sup> .....	9.7 (0.54)	7.8 (0.53)	17.2 (1.50)	9.7 (0.66)	9.7 (0.86)	10.5 (0.75)	7.3 (1.31)	9.8 (1.11)	8.2 (1.41)	10.2 (0.72)	9.7 (1.05)	9.2 (0.57)	15.0 (2.08)
2016 <sup>5</sup> .....	9.7 (0.55)	7.6 (0.58)	17.3 (1.54)	8.8 (0.65)	10.6 (0.87)	11.6 (0.79)	6.9 (1.32)	9.0 (1.16)	5.5 (1.01)	10.8 (0.72)	9.8 (1.13)	9.7 (0.60)	9.0 (1.69)

—Not available.

†Not applicable.

<sup>1</sup>Interpret data with caution. The coefficient of variation (CV) for this estimate is between 30 and 50 percent.

<sup>2</sup>Low income refers to the bottom 20 percent of all family incomes; high income refers to the top 20 percent of all family incomes; and middle income refers to the 60 percent in between.

<sup>3</sup>Percent employed includes those who were employed but not at work during the survey week.

<sup>4</sup>Beginning in 2010, standard errors were computed using replicate weights, which produced more precise values than the generalized variance function methodology used in prior years.

<sup>4</sup>Hours worked per week refers to the number of hours the respondent worked at all jobs during the survey week. The estimates of the percentage of high school students age 16 and over who worked less than 15 hours per week or 15 or more hours per week exclude those who were employed but not at work during the survey week. Therefore, detail may not sum to total percentage employed.

NOTE: Race categories exclude persons of Hispanic ethnicity. Totals include racial/ethnic groups not shown separately. SOURCE: U.S. Department of Commerce, Census Bureau, Current Population Survey (CPS), October, 1970 through 2016. (This table was prepared May 2018.)

**Table 503.20. Percentage of college students 16 to 24 years old who were employed, by attendance status, hours worked per week, and control and level of institution: Selected years, October 1970 through 2016**  
[Standard errors appear in parentheses]

Control and level of institution and year	Full-time students				Part-time students			
	Percent employed <sup>1</sup>	Hours worked per week <sup>2</sup>			Percent employed <sup>1</sup>	Hours worked per week <sup>2</sup>		
		Less than 20 hours	20 to 34 hours	35 or more hours		Less than 20 hours	20 to 34 hours	35 or more hours
1	2	3	4	5	6	7	8	9
<b>Total, all institutions</b>								
1970.....	33.8 (0.88)	19.0 (0.73)	10.4 (0.57)	3.7 (0.35)	82.1 (1.81)	5.0 (1.03)	15.9 (1.72)	60.1 (2.31)
1975.....	35.3 (0.83)	18.0 (0.67)	12.0 (0.56)	4.6 (0.36)	80.8 (1.55)	6.0 (0.94)	19.4 (1.56)	52.6 (1.97)
1980.....	40.0 (0.84)	21.3 (0.70)	14.0 (0.59)	3.9 (0.33)	84.7 (1.38)	7.9 (1.04)	22.5 (1.60)	52.7 (1.91)
1985.....	44.2 (0.88)	21.7 (0.73)	17.3 (0.67)	4.3 (0.36)	85.9 (1.41)	5.7 (0.94)	26.9 (1.80)	52.2 (2.03)
1990.....	45.7 (0.89)	20.6 (0.73)	19.3 (0.71)	4.8 (0.38)	83.7 (1.50)	4.0 (0.80)	26.0 (1.78)	52.7 (2.03)
1991.....	47.2 (0.88)	20.9 (0.72)	19.8 (0.70)	5.6 (0.41)	85.9 (1.45)	8.2 (1.15)	25.4 (1.82)	51.0 (2.09)
1992.....	47.2 (0.87)	20.3 (0.70)	20.3 (0.70)	5.5 (0.40)	83.4 (1.50)	7.5 (1.06)	27.2 (1.79)	47.8 (2.01)
1993.....	46.3 (0.89)	20.8 (0.72)	19.5 (0.71)	5.1 (0.39)	84.6 (1.43)	8.5 (1.10)	31.4 (1.84)	43.7 (1.96)
1994.....	48.6 (0.87)	20.1 (0.70)	21.7 (0.72)	5.8 (0.41)	86.3 (1.28)	9.8 (1.10)	31.1 (1.72)	43.8 (1.84)
1995.....	47.2 (0.87)	19.1 (0.69)	20.3 (0.70)	6.5 (0.43)	82.9 (1.45)	8.6 (1.08)	30.4 (1.77)	42.3 (1.90)
1996.....	49.2 (0.88)	18.2 (0.68)	22.3 (0.74)	7.0 (0.45)	84.8 (1.47)	8.3 (1.13)	27.5 (1.83)	48.0 (2.05)
1997.....	47.8 (0.86)	18.3 (0.67)	21.4 (0.71)	7.4 (0.45)	84.4 (1.46)	9.4 (1.17)	26.2 (1.77)	47.7 (2.01)
1998.....	50.2 (0.86)	20.2 (0.69)	20.6 (0.70)	8.0 (0.47)	84.1 (1.45)	7.0 (1.01)	26.8 (1.76)	49.3 (1.98)
1999.....	50.4 (0.86)	19.0 (0.68)	22.3 (0.72)	7.8 (0.46)	82.3 (1.55)	6.2 (0.98)	28.8 (1.85)	45.9 (2.03)
2000.....	52.0 (0.86)	20.1 (0.69)	21.7 (0.71)	8.9 (0.49)	84.9 (1.38)	8.6 (1.08)	27.8 (1.73)	47.5 (1.93)
2001.....	47.1 (0.80)	17.4 (0.61)	20.6 (0.65)	7.9 (0.43)	84.4 (1.29)	8.0 (0.97)	25.8 (1.56)	48.9 (1.78)
2002.....	47.8 (0.78)	17.3 (0.59)	20.9 (0.64)	8.5 (0.44)	78.9 (1.51)	8.7 (1.04)	25.3 (1.61)	43.4 (1.84)
2003.....	47.7 (0.78)	17.1 (0.59)	20.7 (0.63)	8.8 (0.44)	79.0 (1.44)	7.8 (0.95)	27.2 (1.58)	42.8 (1.75)
2004.....	49.0 (0.76)	17.7 (0.58)	21.6 (0.62)	8.6 (0.43)	81.5 (1.44)	8.5 (1.04)	27.4 (1.66)	44.1 (1.84)
2005.....	49.1 (0.75)	17.8 (0.58)	21.1 (0.61)	9.0 (0.43)	85.0 (1.30)	10.2 (1.10)	27.1 (1.62)	47.1 (1.82)
2006.....	46.5 (0.76)	15.1 (0.55)	22.0 (0.63)	8.1 (0.42)	81.0 (1.41)	7.3 (0.94)	27.6 (1.61)	45.5 (1.80)
2007.....	45.5 (0.74)	15.4 (0.54)	20.7 (0.60)	8.7 (0.42)	81.2 (1.39)	6.8 (0.90)	27.2 (1.59)	45.9 (1.78)
2008.....	45.3 (0.72)	15.6 (0.53)	20.1 (0.58)	8.7 (0.41)	79.4 (1.51)	9.3 (1.09)	24.7 (1.61)	44.4 (1.86)
2009 <sup>3</sup> .....	40.6 (0.69)	15.6 (0.51)	17.6 (0.54)	6.2 (0.34)	76.2 (1.57)	10.1 (1.11)	27.5 (1.65)	36.9 (1.78)
2010 <sup>3</sup> .....	39.8 (1.01)	14.9 (0.57)	17.2 (0.77)	6.6 (0.46)	73.4 (2.03)	10.7 (1.24)	28.3 (1.92)	32.8 (2.19)
2011 <sup>3</sup> .....	41.3 (0.94)	15.8 (0.67)	17.4 (0.66)	7.0 (0.44)	75.5 (1.93)	9.7 (1.21)	28.4 (1.99)	35.5 (2.16)
2012 <sup>3</sup> .....	41.0 (0.83)	15.1 (0.72)	17.8 (0.71)	7.2 (0.44)	71.7 (2.07)	9.0 (1.27)	29.5 (2.09)	32.1 (2.07)
2013 <sup>3</sup> .....	39.5 (1.00)	14.0 (0.67)	18.5 (0.77)	6.6 (0.50)	75.7 (2.06)	10.5 (1.44)	28.7 (1.76)	35.4 (2.11)
2014 <sup>3</sup> .....	41.3 (0.97)	15.6 (0.69)	17.9 (0.90)	6.6 (0.48)	80.3 (1.81)	13.8 (1.58)	26.9 (2.33)	38.5 (2.36)
2015 <sup>3</sup> .....	39.5 (0.98)	15.6 (0.77)	16.1 (0.75)	6.7 (0.56)	75.3 (2.33)	10.5 (1.48)	32.2 (2.67)	31.7 (2.15)
2016 <sup>3</sup> .....	39.7 (0.99)	15.5 (0.71)	16.6 (0.72)	6.6 (0.55)	79.2 (2.18)	10.8 (1.55)	31.4 (2.35)	36.0 (2.21)
<b>Public 4-year institutions</b>								
1990.....	43.0 (1.18)	19.8 (0.95)	18.6 (0.93)	3.7 (0.45)	87.4 (2.25)	4.2 † (1.37)	27.9 (3.05)	54.7 (3.39)
1995.....	48.8 (1.16)	19.4 (0.92)	22.6 (0.97)	5.6 (0.53)	86.7 (2.08)	9.6 (1.80)	30.8 (2.83)	45.0 (3.05)
2000.....	50.5 (1.15)	19.1 (0.90)	21.5 (0.94)	9.0 (0.66)	87.3 (1.91)	8.5 (1.60)	26.4 (2.53)	50.9 (2.87)
2005.....	49.6 (0.99)	17.8 (0.76)	22.7 (0.83)	8.0 (0.54)	86.3 (1.90)	9.0 (1.58)	26.8 (2.45)	49.7 (2.76)
2010 <sup>3</sup> .....	40.8 (1.27)	15.2 (0.88)	18.0 (0.93)	6.6 (0.64)	70.4 (3.58)	10.5 (2.04)	26.9 (2.82)	32.1 (3.59)
2011 <sup>3</sup> .....	41.0 (1.20)	15.0 (0.91)	17.6 (0.85)	7.4 (0.63)	77.5 (3.27)	7.8 (1.65)	28.4 (3.18)	39.7 (3.29)
2012 <sup>3</sup> .....	41.0 (1.13)	14.9 (0.95)	18.6 (0.99)	6.7 (0.57)	77.6 (3.20)	9.9 (2.41)	28.0 (3.44)	38.8 (3.36)
2013 <sup>3</sup> .....	40.1 (1.31)	13.9 (0.88)	19.2 (0.98)	6.6 (0.63)	78.8 (2.88)	9.8 (1.94)	26.6 (2.80)	41.1 (3.84)
2014 <sup>3</sup> .....	41.1 (1.31)	14.6 (0.91)	18.4 (0.99)	6.9 (0.69)	83.4 (2.86)	12.2 (2.61)	28.4 (3.69)	42.3 (3.81)
2015 <sup>3</sup> .....	39.5 (1.32)	14.9 (0.98)	16.5 (1.01)	6.6 (0.73)	76.9 (3.39)	10.1 (2.01)	30.4 (3.84)	34.8 (3.38)
2016 <sup>3</sup> .....	39.7 (1.27)	15.0 (0.81)	16.8 (0.95)	6.9 (0.72)	81.9 (3.00)	11.6 (2.10)	32.6 (3.67)	36.7 (3.33)
<b>Private 4-year institutions</b>								
1990.....	38.1 (1.89)	24.0 (1.66)	9.9 (1.17)	3.5 (0.72)	89.9 (4.27)	‡ (†)	31.9 (6.62)	53.1 (7.09)
1995.....	38.6 (1.78)	21.6 (1.51)	10.7 (1.13)	4.6 (0.77)	80.1 (4.85)	14.9 (4.32)	26.8 (5.38)	36.5 (5.84)
2000.....	45.8 (1.88)	23.6 (1.60)	14.9 (1.34)	5.4 (0.85)	78.0 (5.36)	‡ (†)	18.5 (5.02)	52.6 (6.46)
2005.....	42.3 (1.64)	20.1 (1.33)	13.8 (1.15)	7.0 (0.85)	88.5 (3.32)	10.6 † (3.20)	34.5 (4.94)	43.2 (5.15)
2010 <sup>3</sup> .....	35.6 (2.37)	15.7 (1.63)	12.2 (1.52)	6.0 (1.08)	78.6 (7.00)	‡ (†)	23.4 † (7.49)	45.6 (9.01)
2011 <sup>3</sup> .....	36.3 (2.07)	20.0 (1.61)	10.1 (1.34)	4.5 (0.82)	79.4 (6.01)	‡ (†)	34.2 (7.03)	38.2 (7.67)
2012 <sup>3</sup> .....	40.4 (2.39)	19.9 (1.80)	12.2 (1.40)	6.7 (1.13)	84.4 (5.35)	9.5 † (4.53)	33.9 (6.58)	36.9 (7.38)
2013 <sup>3</sup> .....	34.0 (2.27)	14.9 (1.55)	12.8 (1.33)	5.6 (1.13)	86.9 (4.71)	21.9 (6.40)	29.8 (7.01)	35.2 (6.56)
2014 <sup>3</sup> .....	37.8 (2.29)	18.7 (1.72)	12.0 (1.62)	5.3 (1.00)	77.1 (6.82)	12.9 † (4.92)	13.5 † (5.59)	50.8 (8.76)
2015 <sup>3</sup> .....	32.8 (2.49)	18.5 (1.86)	8.3 (1.40)	5.7 (1.20)	73.8 (8.30)	10.4 † (4.68)	17.8 † (5.73)	45.6 (8.91)
2016 <sup>3</sup> .....	34.8 (2.20)	17.2 (1.73)	11.0 (1.20)	5.4 (0.94)	75.6 (8.00)	‡ (†)	13.4 † (5.72)	53.3 (8.65)
<b>Public 2-year institutions</b>								
1990.....	61.2 (1.94)	19.1 (1.57)	31.2 (1.85)	9.2 (1.15)	81.5 (2.17)	4.1 (1.12)	24.9 (2.42)	51.1 (2.80)
1995.....	52.9 (1.97)	15.6 (1.43)	25.3 (1.72)	10.9 (1.23)	81.1 (2.21)	6.1 (1.35)	32.5 (2.64)	40.5 (2.77)
2000.....	63.9 (1.79)	20.6 (1.51)	29.9 (1.71)	11.9 (1.21)	85.5 (2.09)	9.9 (1.77)	30.0 (2.72)	44.9 (2.95)
2005.....	54.2 (1.69)	15.6 (1.23)	24.2 (1.46)	13.4 (1.16)	82.0 (2.20)	10.8 (1.77)	25.8 (2.50)	44.8 (2.84)
2010 <sup>3</sup> .....	40.6 (1.90)	14.0 (1.20)	19.1 (1.50)	6.8 (0.78)	74.7 (2.51)	11.6 (1.93)	30.1 (2.86)	31.0 (3.08)
2011 <sup>3</sup> .....	45.6 (2.00)	14.7 (1.45)	22.1 (1.47)	8.1 (1.01)	73.6 (2.58)	11.3 (1.73)	27.5 (3.12)	32.4 (3.21)
2012 <sup>3</sup> .....	41.2 (1.76)	12.0 (1.17)	19.8 (1.44)	8.4 (0.95)	66.1 (2.98)	8.3 (1.60)	30.0 (2.70)	26.9 (2.79)
2013 <sup>3</sup> .....	41.8 (1.89)	13.8 (1.37)	20.5 (1.55)	7.1 (1.05)	71.1 (3.02)	8.8 (1.92)	29.8 (2.85)	31.2 (3.09)
2014 <sup>3</sup> .....	45.0 (2.28)	15.9 (1.57)	21.3 (1.82)	6.9 (0.91)	77.5 (2.64)	15.2 (2.35)	28.3 (3.35)	32.4 (3.58)
2015 <sup>3</sup> .....	44.9 (2.08)	15.1 (1.44)	21.8 (1.64)	7.5 (1.08)	75.1 (3.03)	11.4 (2.54)	36.6 (3.66)	26.7 (3.20)
2016 <sup>3</sup> .....	45.6 (2.01)	15.4 (1.51)	22.4 (1.70)	7.5 (1.14)	78.2 (3.23)	10.7 (2.31)	33.0 (3.46)	33.4 (3.33)

†Not applicable.

‡Interpret data with caution. The coefficient of variation (CV) for this estimate is between 30 and 50 percent.

§Reporting standards not met. Either there are too few cases for a reliable estimate or the coefficient of variation (CV) is 50 percent or greater.

<sup>1</sup>Includes those who were employed but not at work during the survey week.

<sup>2</sup>Excludes those who were employed but not at work during the survey week; therefore, detail may not sum to total percentage employed. "Hours worked per week" refers to the number of hours worked at all jobs during the survey week.

<sup>3</sup>Beginning in 2010, standard errors were computed using replicate weights, which produced more precise values than the generalized variance function methodology used in prior years. NOTE: Students were classified as full time if they were taking at least 12 hours of classes (or at least 9 hours of graduate classes) during an average school week and as part time if they were taking fewer hours.

SOURCE: U.S. Department of Commerce, Census Bureau, Current Population Survey (CPS), October, selected years, 1970 through 2016. (This table was prepared May 2018.)

**Table 503.30. Percentage of college students 16 to 24 years old who were employed, by attendance status, hours worked per week, and selected characteristics: October 2014 through 2016**

[Standard errors appear in parentheses]

Year and selected characteristic	Full-time students					Part-time students				
	Percent employed <sup>1</sup>	Hours worked per week <sup>2</sup>			Percent employed <sup>1</sup>	Hours worked per week <sup>2</sup>				
		Less than 20 hours	20 to 34 hours	35 or more hours		Less than 20 hours	20 to 34 hours	35 or more hours		
1	2	3	4	5	6	7	8	9		
<b>2014</b>										
<b>Total</b> .....	<b>41.3 (0.97)</b>	<b>15.6 (0.69)</b>	<b>17.9 (0.80)</b>	<b>6.6 (0.48)</b>	<b>80.3 (1.81)</b>	<b>13.8 (1.58)</b>	<b>26.9 (2.33)</b>	<b>38.5 (2.36)</b>		
Sex										
Male .....	37.3 (1.40)	12.9 (0.98)	17.2 (1.13)	6.1 (0.63)	82.8 (2.83)	13.6 (2.35)	25.0 (3.20)	42.5 (3.15)		
Female .....	44.9 (1.36)	18.0 (0.99)	18.6 (1.02)	7.1 (0.63)	78.4 (2.48)	14.0 (2.10)	28.4 (3.23)	35.5 (3.12)		
<b>2015</b>										
<b>Total</b> .....	<b>39.5 (0.98)</b>	<b>15.6 (0.77)</b>	<b>16.1 (0.75)</b>	<b>6.7 (0.56)</b>	<b>75.3 (2.33)</b>	<b>10.5 (1.48)</b>	<b>32.2 (2.67)</b>	<b>31.7 (2.15)</b>		
Sex										
Male .....	35.9 (1.30)	13.5 (0.95)	14.8 (1.00)	6.6 (0.74)	75.1 (3.20)	8.5 (1.87)	32.4 (3.39)	33.8 (3.05)		
Female .....	42.7 (1.33)	17.5 (1.00)	17.2 (1.08)	6.8 (0.74)	75.5 (2.93)	12.3 (2.22)	32.1 (3.17)	29.8 (2.93)		
Level and control of institution										
2-year .....	44.9 (2.05)	15.3 (1.39)	21.2 (1.62)	7.9 (1.10)	74.2 (2.90)	10.8 (2.39)	35.9 (3.51)	27.0 (3.04)		
Public .....	44.9 (2.08)	15.1 (1.44)	21.8 (1.64)	7.5 (1.08)	75.1 (3.03)	11.4 (2.54)	36.6 (3.66)	26.7 (3.20)		
Private .....	43.8 (9.69)	17.4 ! (7.19)	12.6 ! (5.53)	13.4 ! (5.44)	† (†)	† (†)	† (†)	† (†)		
4-year .....	37.9 (1.13)	15.7 (0.88)	14.6 (0.83)	6.4 (0.63)	76.4 (3.20)	10.1 (1.81)	28.4 (3.36)	36.5 (3.10)		
Public .....	39.5 (1.32)	14.9 (0.98)	16.5 (1.01)	6.6 (0.73)	76.9 (3.39)	10.1 (2.01)	30.4 (3.84)	34.8 (3.38)		
Private .....	32.8 (2.49)	18.5 (1.86)	8.3 (1.40)	5.7 (1.20)	73.8 (8.30)	10.4 ! (4.68)	17.8 ! (5.73)	45.6 (8.91)		
<b>2016</b>										
<b>Total</b> .....	<b>39.7 (0.99)</b>	<b>15.5 (0.71)</b>	<b>16.6 (0.72)</b>	<b>6.6 (0.55)</b>	<b>79.2 (2.18)</b>	<b>10.8 (1.55)</b>	<b>31.4 (2.35)</b>	<b>36.0 (2.21)</b>		
Sex										
Male .....	37.6 (1.33)	13.6 (0.95)	16.6 (1.02)	6.8 (0.69)	80.0 (2.76)	11.2 (2.21)	35.4 (3.21)	32.3 (3.00)		
Female .....	41.5 (1.33)	17.2 (0.96)	16.7 (0.97)	6.5 (0.79)	78.5 (3.29)	10.5 (2.17)	27.8 (3.05)	39.2 (3.23)		
Race/ethnicity										
White .....	44.0 (1.33)	19.1 (1.04)	17.1 (0.89)	6.7 (0.63)	83.7 (2.56)	12.6 (2.37)	31.8 (2.97)	38.3 (3.39)		
Black .....	34.5 (2.95)	8.0 (1.38)	15.8 (2.51)	10.7 (2.16)	85.3 (5.00)	† (†)	31.5 (7.71)	43.7 (6.89)		
Hispanic .....	35.5 (2.14)	10.1 (1.15)	18.9 (1.74)	6.3 (1.04)	72.4 (4.49)	8.4 (2.33)	32.5 (3.71)	30.8 (4.02)		
Asian .....	26.2 (2.95)	14.1 (2.39)	9.5 (1.81)	2.0 ! (0.74)	† (†)	† (†)	† (†)	† (†)		
Pacific Islander .....	† (†)	† (†)	† (†)	† (†)	† (†)	† (†)	† (†)	† (†)		
American Indian/Alaska Native .....	30.9 (8.58)	16.7 ! (8.17)	† (†)	† (†)	† (†)	† (†)	† (†)	† (†)		
Two or more races .....	45.8 (6.61)	18.0 (4.94)	21.0 (5.47)	6.2 ! (2.55)	† (†)	† (†)	† (†)	† (†)		
Level and control of institution										
2-year .....	44.7 (1.93)	15.2 (1.44)	21.9 (1.67)	7.3 (1.11)	77.7 (3.03)	10.5 (2.25)	33.4 (3.41)	32.7 (3.16)		
Public .....	45.6 (2.01)	15.4 (1.51)	22.4 (1.70)	7.5 (1.14)	78.2 (3.23)	10.7 (2.31)	33.0 (3.46)	33.4 (3.33)		
Private .....	30.8 (8.01)	12.6 ! (5.34)	14.5 ! (6.00)	† (†)	† (†)	† (†)	† (†)	† (†)		
4-year .....	38.4 (1.09)	15.6 (0.76)	15.3 (0.73)	6.5 (0.60)	80.8 (2.77)	11.2 (2.17)	29.3 (3.12)	39.6 (3.01)		
Public .....	39.7 (1.27)	15.0 (0.81)	16.8 (0.95)	6.9 (0.72)	81.9 (3.00)	11.6 (2.10)	32.6 (3.67)	36.7 (3.33)		
Private .....	34.8 (2.20)	17.2 (1.73)	11.0 (1.20)	5.4 (0.94)	75.6 (8.00)	† (†)	13.4 ! (5.72)	53.3 (8.65)		
Student enrollment level										
Undergraduate .....	39.4 (1.01)	15.8 (0.77)	16.8 (0.72)	5.9 (0.52)	79.0 (2.25)	11.1 (1.59)	32.1 (2.53)	34.8 (2.31)		
Sex										
Male .....	37.5 (1.34)	14.0 (1.01)	16.7 (1.06)	6.2 (0.67)	80.5 (2.71)	10.4 (1.95)	36.5 (3.34)	32.4 (3.10)		
Female .....	41.0 (1.39)	17.4 (1.01)	16.8 (0.98)	5.6 (0.77)	77.6 (3.53)	11.7 (2.39)	27.8 (3.29)	37.0 (3.45)		
Race/ethnicity										
White .....	43.5 (1.35)	19.3 (1.10)	17.4 (0.92)	5.5 (0.56)	83.1 (2.70)	13.6 (2.60)	32.6 (3.30)	35.9 (3.58)		
Black .....	34.6 (3.03)	8.5 (1.48)	16.1 (2.58)	10.0 (2.18)	85.4 (5.31)	† (†)	32.8 (8.13)	44.0 (7.41)		
Hispanic .....	35.4 (2.21)	10.2 (1.19)	18.7 (1.74)	6.2 (1.07)	72.9 (4.60)	8.2 (2.42)	32.8 (3.82)	31.1 (4.13)		
Asian .....	25.5 (3.30)	15.6 (2.87)	8.0 (1.77)	† (†)	† (†)	† (†)	† (†)	† (†)		
Pacific Islander .....	† (†)	† (†)	† (†)	† (†)	† (†)	† (†)	† (†)	† (†)		
American Indian/Alaska Native .....	† (†)	† (†)	† (†)	† (†)	† (†)	† (†)	† (†)	† (†)		
Two or more races .....	46.4 (6.88)	18.7 (5.15)	20.5 (5.61)	6.6 ! (2.70)	† (†)	† (†)	† (†)	† (†)		
Level and control of institution										
2-year .....	44.3 (1.99)	15.3 (1.52)	22.0 (1.66)	6.7 (1.11)	77.9 (3.12)	10.7 (2.36)	33.5 (3.57)	32.4 (3.28)		
Public .....	45.3 (2.07)	15.5 (1.55)	22.4 (1.69)	7.0 (1.17)	78.5 (3.34)	10.9 (2.43)	33.1 (3.65)	33.2 (3.46)		
Private .....	25.8 ! (8.10)	† (†)	14.7 ! (6.57)	† (†)	† (†)	† (†)	† (†)	† (†)		
4-year .....	38.1 (1.12)	15.9 (0.82)	15.4 (0.74)	5.7 (0.57)	80.4 (2.94)	11.5 (2.10)	30.4 (3.62)	37.5 (3.31)		
Public .....	39.5 (1.31)	15.2 (0.86)	17.1 (0.97)	6.2 (0.71)	82.0 (3.14)	12.3 (2.27)	32.6 (4.04)	36.0 (3.55)		
Private .....	33.7 (2.29)	18.1 (1.93)	10.2 (1.23)	4.0 (0.80)	70.6 (10.00)	† (†)	17.0 ! (7.55)	47.1 (9.91)		
Graduate .....	43.5 (3.42)	12.5 (1.98)	15.1 (2.46)	15.8 (2.68)	80.7 (6.70)	† (†)	24.9 (6.88)	47.7 (8.11)		

†Not applicable.

!Interpret data with caution. The coefficient of variation (CV) for this estimate is between 30 and 50 percent.

‡Reporting standards not met. Either there are too few cases for a reliable estimate or the coefficient of variation (CV) is 50 percent or greater.

<sup>1</sup>Includes those who were employed but not at work during the survey week.

<sup>2</sup>Excludes those who were employed but not at work during the survey week; therefore, detail may not sum to total percentage employed. "Hours worked per week" refers to the number of hours worked at all jobs during the survey week.

NOTE: Students were classified as full time if they were taking at least 12 hours of classes (or at least 9 hours of graduate classes) during an average school week and as part time if they were taking fewer hours. Race categories exclude persons of Hispanic ethnicity.

SOURCE: U.S. Department of Commerce, Census Bureau, Current Population Survey (CPS), October, 2014 through 2016. (This table was prepared May 2018.)

**Table 503.40. Percentage of 16- to 64-year-old undergraduate students who were employed, by attendance status, hours worked per week, and selected characteristics: 2005, 2010, and 2016**  
[Standard errors appear in parentheses]

Year and selected characteristic	Full-time undergraduates							Part-time undergraduates						
	Percent of all full-time undergraduates	Percent employed					Percent of all part-time undergraduates	Percent employed						
		Total employed <sup>1</sup>	Hours worked per week <sup>2</sup>					Total employed <sup>1</sup>	Hours worked per week <sup>2</sup>					
			Less than 10	10 to 19	20 to 34	35 or more			Less than 10	10 to 19	20 to 34	35 or more		
2	3	4	5	6	7	8	9	10	11	12	13			
<b>2005</b>														
<b>Total</b> .....	<b>100.0</b> (†)	<b>49.8</b> (0.71)	<b>7.2</b> (0.37)	<b>9.3</b> (0.41)	<b>20.1</b> (0.57)	<b>11.8</b> (0.46)	<b>100.0</b> (†)	<b>85.9</b> (0.86)	<b>2.6</b> (0.39)	<b>4.6</b> (0.52)	<b>22.4</b> (1.03)	<b>55.2</b> (1.23)		
<b>Sex</b>														
Male .....	45.1 (0.70)	48.2 (1.05)	6.5 (0.52)	8.9 (0.60)	19.2 (0.83)	12.4 (0.69)	39.7 (1.21)	88.6 (1.25)	1.5 ! (0.48)	4.3 (0.80)	19.0 (1.54)	62.8 (1.90)		
Female .....	54.9 (0.70)	51.1 (0.96)	7.9 (0.51)	9.6 (0.56)	20.8 (0.78)	11.2 (0.60)	60.3 (1.21)	84.1 (1.16)	3.3 (0.56)	4.8 (0.68)	24.6 (1.37)	50.1 (1.59)		
<b>Race/ethnicity</b>														
White .....	67.9 (0.66)	53.5 (0.86)	9.2 (0.50)	10.6 (0.53)	20.8 (0.70)	11.5 (0.55)	62.1 (1.20)	87.0 (1.05)	2.9 (0.53)	4.6 (0.66)	22.0 (1.30)	56.3 (1.55)		
Black .....	12.7 (0.50)	39.4 (2.07)	1.4 ! (0.50)	6.1 (1.01)	18.0 (1.63)	13.0 (1.42)	15.7 (0.96)	84.0 (2.43)	1.8 ! (0.89)	3.2 ! (1.16)	20.2 (2.66)	56.7 (3.28)		
Hispanic .....	10.5 (0.49)	43.6 (2.45)	2.5 ! (0.77)	6.0 (1.18)	19.4 (1.96)	13.4 (1.68)	15.5 (1.02)	84.4 (2.58)	† (†)	3.3 ! (1.26)	26.2 (3.13)	52.1 (3.55)		
Asian .....	6.2 (0.36)	37.3 (2.92)	4.5 (1.26)	6.3 (1.46)	17.6 (2.30)	8.3 (1.67)	3.5 (0.48)	80.2 (5.58)	† (†)	16.1 ! (5.15)	25.4 (6.10)	38.8 (6.83)		
Pacific Islander .....	0.3 ! (0.08)	† (†)	† (†)	† (†)	† (†)	† (†)	† (†)	† (†)	† (†)	† (†)	† (†)	† (†)		
American Indian/Alaska Native .....	0.6 (0.12)	65.8 (9.16)	† (†)	† (†)	32.5 (9.04)	16.7 ! (7.21)	1.0 (0.26)	† (†)	† (†)	† (†)	† (†)	† (†)		
Two or more races .....	1.8 (0.20)	56.4 (5.54)	9.5 ! (3.27)	9.1 ! (3.22)	18.0 (4.30)	16.5 (4.16)	2.0 (0.37)	90.4 (5.43)	† (†)	† (†)	18.7 ! (7.20)	59.0 (9.07)		
<b>Age</b>														
16 to 24 .....	83.5 (0.53)	48.8 (0.77)	7.9 (0.42)	10.0 (0.46)	21.1 (0.63)	8.7 (0.44)	41.5 (1.22)	84.8 (1.38)	4.1 (0.76)	6.6 (0.95)	28.6 (1.73)	44.8 (1.91)		
25 to 29 .....	7.3 (0.37)	54.3 (2.62)	4.2 (1.06)	5.3 (1.18)	16.3 (1.94)	23.8 (2.24)	17.8 (0.94)	84.5 (2.12)	1.9 ! (0.79)	2.8 ! (0.97)	18.2 (2.26)	61.0 (2.86)		
30 to 39 .....	5.6 (0.32)	56.2 (2.97)	4.5 (1.24)	7.4 (1.57)	13.3 (2.04)	28.7 (2.71)	21.0 (1.01)	87.0 (1.81)	† (†)	5.0 (1.18)	20.4 (2.17)	59.4 (2.64)		
40 to 49 .....	2.8 (0.23)	55.5 (4.21)	3.0 ! (1.44)	4.6 ! (1.78)	13.1 (2.86)	32.9 (3.98)	12.9 (0.83)	89.0 (2.16)	† (†)	† (†)	15.0 (2.46)	68.8 (3.19)		
50 to 64 .....	0.9 (0.13)	48.0 (7.51)	† (†)	† (†)	16.9 ! (5.63)	25.7 (6.57)	6.8 (0.62)	87.3 (3.16)	† (†)	† (†)	15.6 (3.44)	64.0 (4.56)		
<b>Level of institution</b>														
2-year .....	24.8 (0.61)	53.6 (1.42)	5.3 (0.64)	9.2 (0.82)	22.1 (1.18)	15.5 (1.03)	48.0 (1.23)	84.2 (1.30)	2.0 (0.50)	5.3 (0.80)	21.5 (1.47)	54.4 (1.78)		
4-year .....	75.2 (0.61)	48.5 (0.82)	7.9 (0.44)	9.3 (0.47)	19.4 (0.65)	10.5 (0.50)	52.0 (1.23)	87.5 (1.13)	3.1 (0.59)	4.0 (0.67)	23.2 (1.45)	55.9 (1.70)		
<b>Householder status<sup>3</sup></b>														
Nonhouseholder .....	73.4 (0.63)	47.6 (0.83)	7.8 (0.44)	10.0 (0.50)	20.3 (0.66)	8.3 (0.45)	40.6 (1.21)	84.3 (1.41)	3.7 (0.73)	5.8 (0.91)	30.2 (1.78)	43.6 (1.92)		
Householder .....	26.6 (0.63)	55.9 (1.36)	5.7 (0.64)	7.2 (0.71)	19.4 (1.09)	21.4 (1.13)	59.4 (1.21)	87.0 (1.08)	1.8 (0.43)	3.8 (0.61)	17.0 (1.20)	63.1 (1.55)		
<b>Presence of own children under 18 in household<sup>4</sup></b>														
Child or children present .....	10.5 (0.43)	55.3 (2.17)	3.7 (0.82)	7.7 (1.16)	15.7 (1.59)	25.4 (1.90)	31.5 (1.15)	83.7 (1.62)	2.6 (0.70)	4.4 (0.90)	16.7 (1.64)	57.9 (2.17)		
No children present .....	89.5 (0.43)	49.1 (0.75)	7.7 (0.40)	9.4 (0.44)	20.6 (0.61)	10.2 (0.45)	68.5 (1.15)	86.9 (1.01)	2.5 (0.47)	4.7 (0.63)	25.0 (1.29)	53.9 (1.49)		
<b>Presence of spouse in household</b>														
Spouse present .....	9.9 (0.42)	57.1 (2.23)	3.9 (0.87)	5.9 (1.06)	16.4 (1.66)	27.8 (2.02)	35.6 (1.18)	86.0 (1.43)	2.4 (0.64)	3.3 (0.74)	15.1 (1.48)	63.1 (2.00)		
No spouse present <sup>5</sup> .....	90.1 (0.42)	49.0 (0.75)	7.6 (0.40)	9.6 (0.44)	20.5 (0.60)	10.0 (0.45)	64.4 (1.18)	85.8 (1.07)	2.6 (0.49)	5.3 (0.69)	26.4 (1.36)	50.7 (1.54)		
<b>Presence of spouse and own children under 18</b>														
Spouse and children both present .....	5.7 (0.33)	53.7 (2.95)	3.5 ! (1.08)	4.5 (1.23)	13.3 (2.01)	28.3 (2.66)	20.5 (1.00)	83.8 (2.01)	2.6 ! (0.87)	3.8 (1.04)	12.7 (1.82)	62.0 (2.65)		
Spouse only, no children present .....	4.2 (0.28)	61.8 (3.37)	4.5 ! (1.44)	7.7 (1.85)	20.6 (2.80)	27.1 (3.08)	15.2 (0.89)	89.0 (1.99)	2.2 ! (0.93)	2.7 ! (1.02)	18.2 (2.45)	64.6 (3.03)		
Children only, no spouse present .....	4.8 (0.30)	57.3 (3.21)	3.9 ! (1.26)	11.5 (2.07)	18.5 (2.52)	21.9 (2.68)	11.0 (0.77)	83.5 (2.76)	2.6 ! (1.19)	5.6 ! (1.71)	24.1 (3.19)	50.1 (3.72)		
Neither spouse nor children present .....	85.3 (0.50)	48.5 (0.77)	7.8 (0.41)	9.5 (0.45)	20.6 (0.62)	9.3 (0.45)	53.4 (1.23)	86.3 (1.16)	2.6 (0.54)	5.3 (0.75)	26.9 (1.50)	50.9 (1.69)		
<b>2010</b>														
<b>Total</b> .....	<b>100.0</b> (†)	<b>41.1</b> (0.90)	<b>6.1</b> (0.38)	<b>7.6</b> (0.39)	<b>16.4</b> (0.65)	<b>9.9</b> (0.49)	<b>100.0</b> (†)	<b>74.5</b> (1.40)	<b>2.6</b> (0.42)	<b>4.5</b> (0.60)	<b>22.1</b> (1.19)	<b>42.9</b> (1.53)		
<b>Sex</b>														
Male .....	45.2 (0.77)	39.6 (1.24)	4.8 (0.55)	7.5 (0.59)	16.6 (0.93)	9.8 (0.69)	42.8 (1.27)	77.0 (1.90)	2.7 (0.62)	3.0 (0.67)	21.6 (1.74)	47.0 (2.36)		
Female .....	54.8 (0.77)	42.4 (1.17)	7.2 (0.52)	7.7 (0.56)	16.3 (0.85)	10.1 (0.69)	57.2 (1.27)	72.7 (1.80)	2.6 (0.59)	5.6 (0.86)	22.5 (1.71)	39.8 (1.90)		
<b>Race/ethnicity</b>														
White .....	62.2 (0.79)	44.1 (1.15)	7.7 (0.57)	8.4 (0.53)	17.2 (0.90)	9.4 (0.58)	57.4 (1.52)	75.7 (1.70)	2.5 (0.53)	5.1 (0.84)	21.0 (1.59)	44.3 (1.97)		
Black .....	14.9 (0.65)	36.6 (2.44)	2.4 ! (0.76)	6.4 (1.14)	13.6 (1.59)	12.7 (1.52)	16.3 (1.17)	75.7 (2.91)	1.7 ! (0.79)	3.5 ! (1.55)	21.9 (3.19)	45.6 (3.46)		
Hispanic .....	13.5 (0.51)	39.0 (2.16)	2.8 (0.71)	5.8 (1.07)	18.4 (1.81)	11.6 (1.47)	21.0 (1.23)	73.0 (3.02)	3.6 ! (1.11)	2.9 ! (0.96)	25.3 (3.12)	40.0 (3.35)		
Asian .....	6.6 (0.34)	31.1 (2.91)	6.2 (1.36)	6.0 (1.41)	12.4 (1.94)	5.9 ! (1.83)	3.0 (0.50)	69.0 (8.23)	† (†)	† (†)	25.7 (6.46)	35.4 (7.45)		
Pacific Islander .....	0.4 ! (0.12)	† (†)	† (†)	† (†)	† (†)	† (†)	† (†)	† (†)	† (†)	† (†)	† (†)	† (†)		
American Indian/Alaska Native .....	0.8 (0.17)	23.0 ! (7.60)	† (†)	† (†)	† (†)	† (†)	15.4 ! (7.37)	0.7 ! (0.20)	† (†)	† (†)	† (†)	† (†)		
Two or more races .....	1.6 (0.22)	39.6 (6.95)	8.0 ! (3.65)	10.2 ! (3.85)	15.6 ! (4.78)	† (†)	1.6 (0.41)	65.9 (9.24)	† (†)	† (†)	23.6 ! (9.38)	26.7 ! (10.90)		

See notes at end of table.

**Table 503.40. Percentage of 16- to 64-year-old undergraduate students who were employed, by attendance status, hours worked per week, and selected characteristics: 2005, 2010, and 2016—Continued**  
 [Standard errors appear in parentheses]

Year and selected characteristic	Full-time undergraduates							Part-time undergraduates						
	Percent of all full-time undergraduates	Percent employed					Percent of all part-time undergraduates	Percent employed						
		Total employed <sup>1</sup>	Hours worked per week <sup>2</sup>					Total employed <sup>1</sup>	Hours worked per week <sup>2</sup>					
			Less than 10	10 to 19	20 to 34	35 or more			Less than 10	10 to 19	20 to 34	35 or more		
2	3	4	5	6	7	8	9	10	11	12	13			
<b>Age</b>														
16 to 24.....	79.0 (0.66)	39.9 (1.05)	6.8 (0.47)	8.5 (0.48)	17.5 (0.81)	6.1 (0.47)	42.2 (1.24)	72.0 (2.16)	3.8 (0.85)	7.4 (1.16)	29.4 (2.09)	29.6 (2.23)		
25 to 29.....	8.7 (0.45)	47.0 (2.66)	4.0 (1.00)	6.5 (1.49)	13.8 (1.78)	21.8 (2.09)	19.7 (1.05)	79.2 (2.51)	2.4 ! (0.78)	2.3 ! (1.02)	20.0 (2.49)	51.7 (3.39)		
30 to 39.....	7.6 (0.39)	45.4 (3.16)	2.8 ! (0.96)	2.3 ! (0.76)	12.8 (1.91)	25.7 (2.64)	20.0 (1.05)	76.0 (2.82)	1.5 ! (0.73)	2.5 ! (0.95)	15.6 (2.16)	54.4 (3.10)		
40 to 49.....	3.3 (0.29)	43.6 (4.43)	4.5 ! (1.63)	2.6 ! (1.31)	10.8 (2.61)	25.7 (4.05)	11.9 (0.85)	72.6 (3.52)	‡ (†)	2.3 ! (0.99)	11.3 (2.36)	53.7 (3.88)		
50 to 64.....	1.5 (0.19)	43.7 (5.89)	‡ (†)	‡ (†)	‡ (†)	28.3 (4.96)	6.1 (0.62)	76.6 (4.43)	‡ (†)	‡ (†)	20.6 (4.73)	48.0 (5.95)		
<b>Level of institution</b>														
2-year.....	31.3 (0.81)	39.0 (1.46)	4.1 (0.63)	7.8 (0.72)	16.5 (1.17)	9.9 (0.79)	50.7 (1.44)	73.0 (1.77)	3.4 (0.72)	4.7 (0.87)	23.4 (1.76)	39.2 (2.17)		
4-year.....	68.7 (0.81)	42.1 (1.09)	7.0 (0.53)	7.5 (0.49)	16.3 (0.71)	9.9 (0.63)	49.3 (1.44)	76.1 (1.88)	1.9 (0.46)	4.3 (0.86)	20.7 (1.49)	46.8 (2.22)		
<b>Householder status<sup>3</sup></b>														
Nonhouseholder.....	73.6 (0.71)	38.2 (1.04)	6.6 (0.47)	7.7 (0.45)	16.3 (0.76)	6.6 (0.45)	46.4 (1.38)	71.6 (2.03)	3.7 (0.78)	5.2 (0.96)	29.3 (1.88)	31.7 (2.04)		
Householder.....	26.4 (0.71)	49.3 (1.60)	4.6 (0.61)	7.3 (0.85)	16.7 (1.14)	19.3 (1.25)	53.6 (1.38)	77.1 (1.68)	1.7 (0.45)	3.8 (0.82)	15.9 (1.33)	52.6 (2.01)		
<b>Presence of own children under 18 in household<sup>4</sup></b>														
Child or children present.....	12.7 (0.56)	38.4 (2.11)	3.2 (0.77)	4.7 (0.89)	10.9 (1.39)	18.2 (1.71)	29.6 (1.32)	73.0 (2.49)	2.5 (0.73)	3.9 (0.92)	14.4 (1.72)	49.8 (2.59)		
No children present.....	87.3 (0.56)	41.5 (0.94)	6.5 (0.43)	8.0 (0.43)	17.2 (0.71)	8.7 (0.47)	70.4 (1.32)	75.2 (1.49)	2.7 (0.53)	4.7 (0.71)	25.3 (1.50)	40.0 (1.78)		
<b>Presence of spouse in household</b>														
Spouse present.....	10.6 (0.47)	44.7 (2.47)	3.3 (0.79)	4.2 (1.07)	14.4 (1.71)	21.4 (1.97)	31.3 (1.45)	73.6 (2.46)	1.9 ! (0.61)	3.0 (0.87)	13.9 (1.53)	52.1 (2.69)		
No spouse present <sup>5</sup> .....	89.4 (0.47)	40.7 (0.95)	6.4 (0.42)	8.0 (0.43)	16.6 (0.69)	8.6 (0.46)	68.7 (1.45)	75.0 (1.49)	3.0 (0.56)	5.1 (0.75)	25.8 (1.42)	38.8 (1.68)		
<b>Presence of spouse and own children under 18</b>														
Spouse and children both present.....	6.5 (0.39)	38.6 (2.83)	2.3 ! (0.79)	3.4 (1.02)	11.6 (2.11)	20.0 (2.16)	18.9 (1.14)	71.5 (3.26)	2.2 ! (0.82)	3.6 ! (1.11)	12.1 (1.87)	51.9 (3.27)		
Spouse only, no children present.....	4.2 (0.31)	54.1 (3.63)	4.8 ! (1.61)	5.4 ! (1.95)	18.7 (2.84)	23.7 (3.53)	12.3 (1.00)	76.8 (3.29)	‡ (†)	‡ (†)	16.6 (2.93)	52.2 (4.33)		
Children only, no spouse present.....	6.2 (0.41)	38.2 (3.20)	4.0 ! (1.35)	6.1 (1.43)	10.1 (1.82)	16.4 (2.44)	10.7 (0.88)	75.7 (3.32)	2.9 ! (1.45)	4.3 ! (1.57)	18.5 (3.10)	46.1 (3.91)		
Neither spouse nor children present.....	83.2 (0.62)	40.9 (0.96)	6.6 (0.45)	8.1 (0.45)	17.1 (0.73)	8.0 (0.45)	58.1 (1.51)	74.8 (1.62)	3.0 (0.63)	5.3 (0.82)	27.2 (1.55)	37.4 (1.92)		
<b>2016</b>														
<b>Total</b> .....	<b>100.0 (†)</b>	<b>42.2 (0.87)</b>	<b>7.1 (0.44)</b>	<b>7.7 (0.46)</b>	<b>16.7 (0.66)</b>	<b>9.6 (0.53)</b>	<b>100.0 (†)</b>	<b>81.5 (1.40)</b>	<b>3.3 (0.57)</b>	<b>4.3 (0.72)</b>	<b>24.4 (1.47)</b>	<b>48.3 (1.70)</b>		
<b>Sex</b>														
Male.....	46.5 (0.80)	39.7 (1.23)	6.1 (0.62)	7.0 (0.64)	16.5 (0.94)	9.2 (0.71)	42.9 (1.66)	83.8 (1.78)	2.9 (0.79)	4.0 (0.95)	27.2 (2.15)	48.4 (2.42)		
Female.....	53.5 (0.80)	44.4 (1.22)	7.9 (0.58)	8.4 (0.68)	16.9 (0.92)	9.9 (0.76)	57.1 (1.66)	79.7 (1.93)	3.6 (0.81)	4.5 (1.00)	22.2 (1.91)	48.1 (2.25)		
<b>Race/ethnicity</b>														
White.....	56.3 (0.71)	45.5 (1.21)	8.5 (0.70)	9.4 (0.63)	16.9 (0.82)	9.1 (0.63)	51.0 (1.68)	84.9 (1.67)	4.2 (0.83)	4.7 (1.05)	24.5 (1.93)	50.0 (1.98)		
Black.....	13.5 (0.59)	40.7 (2.53)	3.2 (0.78)	5.1 (1.13)	15.8 (2.21)	16.3 (2.12)	15.6 (1.40)	83.4 (3.64)	‡ (†)	‡ (†)	21.0 (4.24)	55.8 (4.98)		
Hispanic.....	19.4 (0.61)	39.6 (2.09)	4.9 (0.88)	5.7 (0.94)	19.4 (1.67)	9.1 (1.18)	26.9 (1.56)	75.9 (3.18)	2.1 ! (0.92)	4.1 ! (1.39)	27.4 (2.98)	41.9 (3.64)		
Asian.....	7.5 (0.40)	26.2 (3.19)	9.1 (1.95)	5.2 (1.42)	9.4 (1.69)	2.0 ! (0.72)	4.0 (0.58)	73.9 (6.23)	‡ (†)	‡ (†)	23.3 (6.83)	42.0 (7.12)		
Pacific Islander.....	0.3 ! (0.10)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	0.4 ! (0.17)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)		
American Indian/Alaska Native.....	0.6 (0.12)	16.6 ! (5.00)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)		
Two or more races.....	2.4 (0.27)	50.4 (6.07)	7.5 ! (3.20)	9.4 ! (4.06)	21.8 (5.50)	11.3 (3.27)	1.8 (0.42)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)		
<b>Age</b>														
16 to 24.....	83.2 (0.69)	39.4 (1.01)	7.6 (0.51)	8.2 (0.54)	16.8 (0.72)	5.9 (0.52)	44.9 (1.66)	79.0 (2.25)	5.0 (1.01)	6.1 (1.27)	32.1 (2.53)	34.8 (2.31)		
25 to 29.....	8.5 (0.48)	54.9 (2.61)	4.0 (1.02)	5.8 (1.29)	18.2 (2.04)	25.9 (2.60)	20.9 (1.25)	87.2 (2.42)	‡ (†)	3.1 ! (1.29)	21.5 (3.27)	60.8 (3.57)		
30 to 39.....	5.1 (0.38)	58.0 (3.05)	5.8 (1.60)	5.3 ! (1.72)	15.8 (2.79)	27.7 (3.02)	19.5 (1.37)	83.2 (3.07)	2.1 ! (0.90)	2.9 ! (1.27)	16.1 (2.68)	60.1 (3.67)		
40 to 49.....	2.3 (0.26)	63.7 (4.77)	6.0 ! (2.39)	4.5 ! (2.00)	11.2 (2.93)	40.0 (5.54)	9.7 (0.88)	79.9 (4.23)	‡ (†)	‡ (†)	15.2 (3.47)	59.1 (4.55)		
50 to 64.....	0.9 (0.16)	38.3 (8.30)	‡ (†)	‡ (†)	13.7 ! (4.56)	18.6 ! (6.38)	4.9 (0.69)	75.7 (5.77)	‡ (†)	‡ (†)	17.6 (5.08)	49.3 (6.40)		
<b>Level of institution</b>														
2-year.....	22.9 (0.79)	46.0 (1.68)	5.7 (0.87)	9.2 (1.09)	19.5 (1.33)	10.9 (1.11)	46.3 (1.58)	78.6 (2.15)	3.4 (0.86)	4.6 (1.16)	26.8 (2.26)	42.7 (2.55)		
4-year.....	77.1 (0.79)	41.1 (0.99)	7.5 (0.50)	7.3 (0.49)	15.8 (0.72)	9.2 (0.58)	53.7 (1.58)	84.0 (1.69)	3.2 (0.70)	4.0 (0.81)	22.3 (1.97)	53.0 (2.12)		
<b>Householder status<sup>3</sup></b>														
Nonhouseholder.....	75.5 (0.68)	39.2 (1.07)	7.8 (0.54)	7.7 (0.53)	16.5 (0.79)	6.3 (0.54)	49.8 (1.51)	79.9 (2.14)	3.9 (0.92)	6.2 (1.20)	29.9 (2.24)	39.6 (2.31)		
Householder.....	24.5 (0.68)	51.5 (1.54)	5.0 (0.66)	7.8 (0.92)	17.2 (1.28)	19.9 (1.32)	50.2 (1.51)	83.0 (1.56)	2.7 (0.67)	2.4 ! (0.72)	19.0 (1.69)	56.8 (2.14)		

See notes at end of table.

**Table 503.40. Percentage of 16- to 64-year-old undergraduate students who were employed, by attendance status, hours worked per week, and selected characteristics: 2005, 2010, and 2016—Continued**  
[Standard errors appear in parentheses]

Year and selected characteristic	Full-time undergraduates						Part-time undergraduates						
	Percent of all full-time undergraduates	Percent employed					Percent of all part-time undergraduates	Percent employed					
		Total employed <sup>1</sup>	Hours worked per week <sup>2</sup>					Total employed <sup>1</sup>	Hours worked per week <sup>2</sup>				
			Less than 10	10 to 19	20 to 34	35 or more			Less than 10	10 to 19	20 to 34	35 or more	
1	2	3	4	5	6	7	8	9	10	11	12	13	
Presence of own children under 18 in household <sup>4</sup>													
Child or children present.....	8.6 (0.49)	56.0 (2.85)	4.0 (1.01)	5.6 (1.42)	16.1 (1.89)	27.9 (2.64)	27.5 (1.43)	75.6 (2.39)	2.5 ! (0.91)	2.6 ! (0.95)	16.5 (2.41)	52.7 (3.02)	
No children present.....	91.4 (0.49)	40.9 (0.90)	7.4 (0.47)	7.9 (0.49)	16.7 (0.70)	7.9 (0.54)	72.5 (1.43)	83.7 (1.68)	3.6 (0.74)	4.9 (0.90)	27.4 (1.82)	46.6 (1.98)	
Presence of spouse in household													
Spouse present.....	7.8 (0.48)	55.6 (3.15)	3.5 ! (1.06)	5.5 (1.40)	13.7 (1.72)	30.7 (2.79)	29.6 (1.53)	77.4 (2.36)	2.6 (0.74)	2.1 ! (0.80)	15.2 (1.99)	55.0 (2.85)	
No spouse present <sup>5</sup> .....	92.2 (0.48)	41.0 (0.91)	7.4 (0.47)	7.9 (0.48)	16.9 (0.70)	7.8 (0.51)	70.4 (1.53)	83.2 (1.66)	3.6 (0.72)	5.2 (0.92)	28.3 (1.88)	45.4 (2.13)	
Presence of spouse and own children under 18													
Spouse and children both present.....	4.2 (0.30)	51.1 (4.19)	3.1 ! (1.34)	4.8 ! (1.99)	11.2 (2.05)	29.3 (3.53)	17.8 (1.17)	73.9 (3.09)	2.1 ! (0.84)	3.1 ! (1.24)	14.4 (2.62)	52.3 (3.94)	
Spouse only, no children present.....	3.6 (0.36)	60.9 (4.09)	3.9 ! (1.72)	6.4 (1.83)	16.7 (2.93)	32.3 (4.10)	11.8 (1.04)	82.6 (3.65)	3.4 ! (1.45)	‡ (†)	16.3 (3.17)	59.1 (4.06)	
Children only, no spouse present.....	4.4 (0.38)	60.6 (4.19)	4.8 ! (1.57)	6.3 (1.85)	20.9 (3.24)	26.6 (3.75)	9.6 (1.06)	78.6 (3.78)	‡ (†)	‡ (†)	20.5 (4.48)	53.5 (5.28)	
Neither spouse nor children present.....	87.8 (0.60)	40.1 (0.96)	7.5 (0.49)	8.0 (0.51)	16.7 (0.71)	6.9 (0.52)	60.7 (1.72)	83.9 (1.77)	3.6 (0.81)	5.8 (1.07)	29.5 (2.04)	44.1 (2.24)	

†Not applicable.

!Interpret data with caution. The coefficient of variation (CV) for this estimate is between 30 and 50 percent.

‡Reporting standards not met. Either there are too few cases for a reliable estimate or the coefficient of variation (CV) is 50 percent or greater.

<sup>1</sup>Includes those who were employed but not at work during the survey week.

<sup>2</sup>Excludes those who were employed but not at work during the survey week; therefore, detail may not sum to total percentage employed. "Hours worked per week" refers to the number of hours worked at all jobs during the survey week.

<sup>3</sup>Householders are persons in whose name the housing unit is owned or rented. Never-married students living away from home in college dormitories are not considered householders.

<sup>4</sup>Own children are never-married sons and daughters of the student, including stepchildren and adopted children.

<sup>5</sup>Refers to all students who do not live with a spouse, including students who are single, divorced, separated, or widowed.

NOTE: Students were classified as full time if they were taking at least 12 hours of classes during an average school week and as part time if they were taking fewer hours. Race categories exclude persons of Hispanic ethnicity. Data are based on sample surveys of the civilian noninstitutionalized population, which excludes persons in the military and persons living in institutions (e.g., prisons or nursing facilities). Some data have been revised from previously published figures.

SOURCE: U.S. Department of Commerce, Census Bureau, Current Population Survey (CPS), October, 2005, 2010, and 2016. (This table was prepared May 2018.)

**Table 504.10. Labor force status of 2014, 2015, and 2016 high school completers, by college enrollment status, sex, and race/ethnicity: October 2014, 2015, and 2016**  
 [Standard errors appear in parentheses]

College enrollment status, sex, and race/ethnicity	Total number of high school completers (in thousands)	Percent of high school completers		Percentage distribution of all high school completers			Labor force participation rate of all high school completers <sup>1</sup>	High school completers in civilian labor force <sup>2</sup>				High school completers not in labor force (in thousands)	
		Separately for those enrolled in college vs. those not enrolled	For all high school completers	Employed	Unemployed (seeking employment)	Not in labor force		Number (in thousands)			Unemployment rate		
								Total, all completers in labor force	Employed	Unemployed (seeking employment)			
1	2	3	4	5	6	7	8	9	10	11	12	13	
<b>2014 high school completers<sup>3</sup></b>													
<b>Total</b> .....	<b>2,868 (78.5)</b>	† (†)	<b>100.0 (†)</b>	<b>38.5 (1.84)</b>	<b>10.4 (0.99)</b>	<b>51.1 (1.87)</b>	<b>48.9 (1.87)</b>	<b>1,403 (62.2)</b>	<b>1,105 (57.7)</b>	<b>297.6 (29.5)</b>	<b>21.2 (1.95)</b>	<b>1,465 (70.6)</b>	
Male .....	1,423 (58.1)	† (†)	49.6 (1.48)	39.9 (2.56)	10.7 (1.47)	49.5 (2.48)	50.5 (2.48)	719 (44.7)	568 (42.8)	151.6 (21.4)	21.1 (2.85)	704 (46.6)	
Female .....	1,445 (57.5)	† (†)	50.4 (1.48)	37.2 (2.37)	10.1 (1.28)	52.7 (2.61)	47.3 (2.61)	684 (44.0)	538 (38.7)	146.0 (19.1)	21.4 (2.45)	761 (50.9)	
White .....	1,685 (64.8)	† (†)	58.8 (1.73)	40.3 (2.29)	9.9 (1.25)	49.8 (2.30)	50.2 (2.30)	845 (48.3)	679 (45.1)	166.3 (21.7)	19.7 (2.40)	840 (52.7)	
Black .....	340 (32.9)	† (†)	11.9 (1.08)	30.9 (4.97)	10.7 (3.20)	58.3 (5.41)	41.7 (5.41)	142 (20.7)	105 (18.8)	† (†)	25.8 (6.85)	198 (28.8)	
Hispanic .....	566 (46.9)	† (†)	19.8 (1.49)	40.8 (4.60)	13.2 (2.62)	46.0 (4.65)	54.0 (4.65)	306 (32.3)	231 (28.8)	† (†)	24.5 (4.68)	260 (37.5)	
Enrolled in college, 2014 .....	1,961 (71.4)	100.0 (†)	68.4 (1.67)	32.4 (2.14)	5.5 (0.89)	62.1 (2.19)	37.9 (2.19)	744 (46.6)	636 (45.0)	107.5 (17.6)	14.5 (2.28)	1,217 (66.8)	
Male .....	911 (48.0)	46.5 (1.81)	31.8 (1.41)	32.9 (3.01)	3.2 ! (1.09)	63.8 (3.02)	36.1 (3.02)	329 (31.0)	300 (30.9)	† (†)	8.9 ! (2.96)	582 (43.2)	
Female .....	1,050 (53.0)	53.5 (1.81)	36.6 (1.59)	32.0 (2.70)	7.5 (1.41)	60.5 (3.03)	39.5 (3.03)	415 (35.3)	336 (30.9)	† (†)	18.9 (3.16)	635 (48.4)	
2-year .....	706 (50.8)	36.0 (2.12)	24.6 (1.56)	41.2 (3.63)	7.9 (1.75)	50.9 (3.88)	49.1 (3.88)	347 (34.2)	291 (31.7)	† (†)	16.1 (3.31)	359 (40.4)	
4-year .....	1,254 (58.8)	64.0 (2.12)	43.7 (1.81)	27.5 (2.42)	4.1 (1.09)	68.4 (2.47)	31.6 (2.47)	397 (33.6)	345 (32.9)	† (†)	13.0 (3.35)	858 (54.8)	
Full-time students .....	1,810 (69.2)	92.3 (1.21)	63.1 (1.70)	29.7 (2.15)	5.1 (0.94)	65.2 (2.22)	34.8 (2.22)	630 (42.7)	537 (41.4)	† (†)	14.8 (2.59)	1,180 (65.9)	
Part-time students .....	151 (24.6)	7.7 (1.21)	5.3 (0.85)	65.6 (6.92)	9.6 ! (3.95)	24.8 (6.28)	75.2 (6.28)	113 (20.3)	99 (18.3)	† (†)	12.8 ! (5.22)	† (†)	
White .....	1,141 (57.9)	58.2 (2.15)	39.8 (1.79)	34.2 (2.69)	3.7 (1.00)	62.1 (2.70)	37.9 (2.70)	432 (34.8)	390 (34.3)	† (†)	9.8 (2.58)	708 (51.0)	
Black .....	239 (29.6)	12.2 (1.43)	8.3 (0.99)	19.3 (5.12)	10.9 ! (3.71)	69.8 (6.11)	30.2 (6.11)	† (†)	† (†)	† (†)	† (†)	167 (26.3)	
Hispanic .....	369 (41.3)	18.8 (1.93)	12.9 (1.37)	41.3 (5.65)	7.8 ! (2.43)	50.8 (5.46)	49.2 (5.46)	181 (25.6)	153 (25.0)	† (†)	15.9 ! (5.04)	188 (31.8)	
Not enrolled in college, 2014 .....	907 (54.3)	100.0 (†)	31.6 (1.67)	51.7 (2.97)	21.0 (2.41)	27.3 (2.78)	72.7 (2.78)	659 (46.8)	469 (39.6)	190.1 (24.0)	28.8 (3.10)	248 (29.2)	
Male .....	512 (40.2)	56.4 (3.34)	17.8 (1.31)	52.3 (3.88)	23.9 (3.34)	23.8 (3.44)	76.2 (3.44)	390 (33.8)	268 (28.8)	122.5 (18.7)	31.4 (4.11)	122 (20.8)	
Female .....	395 (40.4)	43.6 (3.34)	13.8 (1.35)	50.9 (4.76)	17.1 (3.47)	32.0 (4.33)	68.0 (4.33)	269 (32.3)	201 (30.1)	† (†)	25.1 (4.91)	126 (21.3)	
White .....	544 (43.2)	60.0 (2.76)	19.0 (1.41)	53.1 (3.81)	22.8 (3.03)	24.1 (3.31)	75.9 (3.31)	413 (37.7)	289 (31.5)	124.1 (18.8)	30.0 (3.84)	131 (20.4)	
Black .....	101 (16.6)	11.2 (1.80)	3.5 (0.58)	58.3 (9.62)	† (†)	31.4 (9.15)	68.6 (9.15)	† (†)	† (†)	† (†)	† (†)	† (†)	
Hispanic .....	197 (25.8)	21.8 (2.61)	6.9 (0.87)	39.8 (6.98)	23.3 (5.83)	36.9 (6.72)	63.1 (6.72)	124 (20.0)	† (†)	† (†)	36.9 (8.55)	† (†)	
<b>2015 high school completers<sup>3</sup></b>													
<b>Total</b> .....	<b>2,965 (87.5)</b>	† (†)	<b>100.0 (†)</b>	<b>39.5 (1.68)</b>	<b>7.8 (0.90)</b>	<b>52.7 (1.72)</b>	<b>47.3 (1.72)</b>	<b>1,401 (61.3)</b>	<b>1,171 (57.7)</b>	<b>230 (26.9)</b>	<b>16.4 (1.81)</b>	<b>1,563 (73.0)</b>	
Male .....	1,448 (64.6)	† (†)	48.8 (1.43)	43.4 (2.07)	7.8 (1.24)	48.8 (2.27)	51.2 (2.27)	742 (46.8)	628 (41.3)	114 (18.5)	15.3 (2.20)	706 (45.4)	
Female .....	1,516 (56.6)	† (†)	51.2 (1.43)	35.8 (2.39)	7.7 (1.23)	56.5 (2.32)	43.5 (2.32)	659 (42.1)	543 (41.5)	116 (18.8)	17.7 (2.79)	857 (48.1)	
White .....	1,748 (64.3)	† (†)	59.0 (1.58)	41.2 (2.11)	5.6 (1.00)	53.2 (2.25)	46.8 (2.25)	818 (49.1)	720 (46.8)	98 (17.2)	11.9 (2.00)	930 (52.3)	
Black .....	370 (36.5)	† (†)	12.5 (1.13)	39.3 (5.07)	11.5 ! (3.80)	49.3 (5.43)	50.7 (5.43)	188 (29.3)	145 (25.1)	† (†)	22.6 ! (6.81)	182 (24.9)	
Hispanic .....	589 (46.7)	† (†)	19.9 (1.40)	36.8 (3.90)	12.8 (2.83)	50.4 (4.01)	49.6 (4.01)	293 (31.7)	217 (25.3)	† (†)	25.9 (5.26)	297 (34.3)	
Enrolled in college, 2015 .....	2,053 (75.1)	100.0 (†)	69.2 (1.54)	31.4 (2.09)	4.5 (0.76)	64.0 (2.09)	36.0 (2.09)	738 (49.8)	645 (48.4)	93 (15.8)	12.6 (2.10)	1,314 (65.2)	
Male .....	953 (51.9)	46.4 (1.86)	32.1 (1.43)	31.7 (2.66)	6.2 (1.41)	62.1 (2.86)	37.9 (2.86)	361 (33.6)	302 (30.6)	† (†)	16.3 (3.44)	592 (41.9)	
Female .....	1,100 (55.2)	53.6 (1.86)	37.1 (1.58)	31.2 (2.78)	3.1 (0.82)	65.7 (2.75)	34.3 (2.75)	377 (35.6)	343 (34.8)	† (†)	9.0 (2.41)	723 (47.0)	
2-year .....	748 (48.4)	36.5 (1.92)	25.2 (1.48)	40.7 (3.78)	6.6 (1.79)	52.7 (3.64)	47.3 (3.64)	354 (34.8)	305 (33.9)	† (†)	14.0 (3.79)	394 (37.9)	
4-year .....	1,304 (61.3)	63.5 (1.92)	44.0 (1.61)	26.1 (2.29)	3.3 (0.77)	70.5 (2.37)	29.5 (2.37)	384 (36.7)	341 (34.8)	† (†)	11.3 (2.53)	920 (51.5)	
Full-time students .....	1,880 (72.6)	91.6 (1.23)	63.4 (1.60)	28.7 (2.20)	4.2 (0.78)	67.1 (2.20)	32.9 (2.20)	619 (46.6)	540 (45.5)	† (†)	12.8 (2.40)	1,262 (65.2)	
Part-time students .....	172 (26.1)	8.4 (1.23)	5.8 (0.87)	61.2 (6.57)	† (†)	30.7 (6.10)	69.3 (6.10)	119 (21.2)	106 (20.4)	† (†)	11.7 ! (5.74)	† (†)	

See notes at end of table.

**Table 504.10. Labor force status of 2014, 2015, and 2016 high school completers, by college enrollment status, sex, and race/ethnicity: October 2014, 2015, and 2016—Continued**  
[Standard errors appear in parentheses]

College enrollment status, sex, and race/ethnicity	Total number of high school completers (in thousands)	Percent of high school completers		Percentage distribution of all high school completers			Labor force participation rate of all high school completers <sup>1</sup>	High school completers in civilian labor force <sup>2</sup>				High school completers not in labor force (in thousands)
		Separately for those enrolled in college vs. those not enrolled	For all high school completers	Employed	Unemployed (seeking employment)	Not in labor force		Number (in thousands)			Unemployment rate	
								Total, all completers in labor force	Employed	Unemployed (seeking employment)		
1	2	3	4	5	6	7	8	9	10	11	12	13
White.....	1,247 (51.9)	60.7 (1.76)	42.1 (1.42)	33.1 (2.76)	3.6 (0.95)	63.3 (2.89)	36.7 (2.89)	458 (41.6)	413 (39.7)	† (†)	9.9 (2.47)	789 (47.1)
Black.....	206 (25.9)	10.0 (1.18)	6.9 (0.85)	28.1 (6.15)	‡ (†)	67.8 (6.46)	32.2 (6.46)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	140 (22.8)
Hispanic.....	406 (37.6)	19.8 (1.56)	13.7 (1.14)	29.8 (4.23)	8.3 ! (2.62)	61.9 (4.48)	38.1 (4.48)	155 (22.0)	121 (18.1)	‡ (†)	21.7 (6.30)	251 (31.0)
Not enrolled in college, 2015.....	912 (53.5)	100.0 (0.00)	30.8 (1.54)	57.7 (2.97)	15.0 (2.34)	27.3 (2.94)	72.7 (2.94)	663 (46.1)	526 (40.1)	137 (22.7)	20.7 (3.01)	249 (31.2)
Male.....	495 (40.9)	54.3 (2.96)	16.7 (1.23)	65.9 (4.09)	11.0 (2.63)	23.1 (3.64)	76.9 (3.64)	381 (35.7)	326 (33.3)	‡ (†)	14.3 (3.38)	114 (20.6)
Female.....	416 (35.2)	45.7 (2.96)	14.0 (1.16)	47.9 (4.55)	19.8 (4.06)	32.3 (4.30)	67.7 (4.30)	282 (29.0)	199 (24.6)	‡ (†)	29.3 (5.53)	135 (21.6)
White.....	501 (37.4)	55.0 (3.15)	16.9 (1.18)	61.3 (3.74)	10.4 (2.27)	28.3 (3.76)	71.7 (3.76)	360 (31.2)	307 (29.8)	‡ (†)	14.5 (3.02)	142 (22.6)
Black.....	164 (28.9)	18.0 (2.77)	5.5 (0.94)	53.2 (8.70)	20.8 ! (7.60)	26.0 (7.66)	74.0 (7.66)	121 (25.3)	‡ (†)	‡ (†)	28.1 ! (9.64)	‡ (†)
Hispanic.....	184 (26.2)	20.1 (2.64)	6.2 (0.87)	52.2 (7.52)	23.0 (6.23)	24.8 (6.84)	75.2 (6.84)	138 (22.9)	96 (17.6)	‡ (†)	30.6 (7.81)	‡ (†)
<b>2016 high school completers<sup>3</sup></b>												
<b>Total.....</b>	<b>3,137 (102.3)</b>	<b>† (†)</b>	<b>100.0 (†)</b>	<b>42.3 (1.64)</b>	<b>6.4 (0.85)</b>	<b>51.3 (1.75)</b>	<b>48.7 (1.75)</b>	<b>1,526 (72.2)</b>	<b>1,327 (66.1)</b>	<b>199 (27.1)</b>	<b>13.1 (1.63)</b>	<b>1,610 (77.4)</b>
Male.....	1,517 (70.6)	† (†)	48.3 (1.47)	45.2 (2.62)	8.3 (1.33)	46.6 (2.62)	53.4 (2.62)	811 (52.5)	685 (48.9)	126 (20.9)	15.5 (2.42)	706 (53.2)
Female.....	1,620 (66.7)	† (†)	51.7 (1.47)	39.6 (2.18)	4.6 (1.00)	55.8 (2.37)	44.2 (2.37)	716 (48.4)	642 (45.4)	† (†)	10.3 (2.12)	904 (53.2)
White.....	1,714 (66.9)	† (†)	54.6 (1.65)	47.6 (2.20)	4.6 (0.89)	47.8 (2.30)	52.2 (2.30)	895 (55.0)	816 (51.8)	79 (15.5)	8.8 (1.64)	819 (48.2)
Black.....	364 (35.6)	† (†)	11.6 (1.02)	41.7 (5.07)	20.4 (4.19)	37.9 (5.30)	62.1 (5.30)	226 (29.8)	152 (23.0)	† (†)	32.8 (6.10)	138 (23.0)
Hispanic.....	742 (50.8)	† (†)	23.7 (1.32)	35.5 (3.53)	4.2 (1.23)	60.3 (3.69)	39.7 (3.69)	295 (32.3)	264 (31.0)	† (†)	10.7 (2.95)	447 (42.8)
Enrolled in college, 2016.....	2,188 (93.4)	100.0 (†)	69.8 (1.64)	35.3 (1.94)	3.1 (0.63)	61.6 (2.03)	38.4 (2.03)	840 (57.2)	773 (54.3)	† (†)	8.0 (1.58)	1,348 (72.5)
Male.....	1,023 (57.8)	46.8 (1.86)	32.6 (1.36)	37.0 (3.07)	4.5 (1.06)	58.5 (3.21)	41.5 (3.21)	425 (38.0)	379 (35.8)	† (†)	10.8 (2.45)	599 (49.9)
Female.....	1,165 (66.2)	53.2 (1.86)	37.1 (1.72)	33.9 (2.56)	1.8 ! (0.67)	64.3 (2.64)	35.7 (2.64)	416 (40.0)	394 (38.9)	† (†)	5.2 ! (1.83)	749 (50.8)
2-year.....	744 (56.3)	34.0 (2.12)	23.7 (1.56)	47.0 (3.39)	4.9 (1.29)	48.2 (3.58)	51.8 (3.58)	386 (38.3)	349 (35.7)	† (†)	9.4 (2.38)	359 (39.1)
4-year.....	1,444 (76.1)	66.0 (2.12)	46.0 (1.85)	29.4 (2.20)	2.1 ! (0.66)	68.5 (2.27)	31.5 (2.27)	455 (40.6)	424 (39.4)	† (†)	6.8 (2.03)	989 (61.5)
Full-time students.....	1,992 (88.1)	91.0 (1.30)	63.5 (1.80)	31.7 (1.92)	2.9 (0.64)	65.4 (1.98)	34.6 (1.98)	689 (49.7)	632 (47.1)	† (†)	8.4 (1.79)	1,303 (70.2)
Part-time students.....	196 (30.1)	9.0 (1.30)	6.3 (0.91)	72.3 (7.83)	‡ (†)	22.9 (7.67)	77.1 (7.67)	151 (23.4)	142 (22.7)	† (†)	† (†)	† (†)
White.....	1,194 (59.5)	54.6 (1.93)	38.1 (1.56)	39.7 (2.63)	2.9 (0.83)	57.4 (2.72)	42.6 (2.72)	509 (41.7)	475 (40.7)	† (†)	6.8 (1.88)	685 (46.2)
Black.....	209 (31.9)	9.5 (1.36)	6.7 (0.97)	40.5 (7.07)	7.7 ! (2.90)	51.8 (6.96)	48.2 (6.96)	‡ (†)	‡ (†)	† (†)	† (†)	108 (21.1)
Hispanic.....	534 (44.6)	24.4 (1.60)	17.0 (1.22)	28.0 (3.98)	2.6 ! (1.09)	69.4 (4.11)	30.6 (4.11)	163 (25.3)	149 (24.2)	† (†)	8.5 ! (3.47)	371 (38.5)
Not enrolled in college, 2016.....	948 (56.3)	100.0 (†)	30.2 (1.64)	58.4 (2.69)	14.0 (2.17)	27.7 (2.65)	72.3 (2.65)	686 (46.2)	554 (38.6)	132 (22.5)	19.3 (2.81)	262 (30.4)
Male.....	493 (39.1)	52.0 (2.98)	15.7 (1.17)	62.0 (4.06)	16.2 (3.09)	21.7 (3.25)	78.3 (3.25)	386 (33.0)	306 (29.2)	80 (16.9)	20.7 (3.89)	107 (18.8)
Female.....	455 (40.5)	48.0 (2.98)	14.5 (1.26)	54.4 (4.02)	11.5 (3.07)	34.1 (4.23)	65.9 (4.23)	300 (33.3)	248 (28.8)	† (†)	17.5 (4.31)	155 (23.1)
White.....	520 (46.0)	54.8 (3.50)	16.6 (1.45)	65.6 (3.45)	8.5 (2.13)	25.8 (3.17)	74.2 (3.17)	386 (37.2)	341 (32.3)	† (†)	11.5 (2.81)	134 (20.6)
Black.....	156 (25.0)	16.4 (2.49)	5.0 (0.78)	43.3 (8.12)	37.4 (8.29)	19.3 (6.97)	80.7 (6.97)	126 (23.9)	‡ (†)	† (†)	46.4 (9.29)	‡ (†)
Hispanic.....	208 (27.2)	21.9 (2.60)	6.6 (0.85)	54.8 (6.14)	8.5 ! (3.34)	36.7 (6.30)	63.3 (6.30)	132 (21.5)	114 (20.2)	† (†)	13.4 ! (5.02)	‡ (†)

†Not applicable.

!Interpret data with caution. The coefficient of variation (CV) for this estimate is between 30 and 50 percent.

‡Reporting standards not met (too few cases for a reliable estimate).

<sup>1</sup>The labor force participation rate is the percentage of persons who are either employed or seeking employment.

<sup>2</sup>The labor force includes all employed persons plus those seeking employment. The unemployment rate is the percentage of persons in the labor force who are not working and who made specific efforts to find employment sometime during the prior 4 weeks.

<sup>3</sup>Includes 16- to 24-year-olds who completed high school between January and October of the given year. Includes recipients of equivalency credentials as well as diploma recipients.

NOTE: Data are based on sample surveys of the civilian noninstitutionalized population, which excludes persons in the military and persons living in institutions (e.g., prisons or nursing facilities). Data are for October of a given year. Standard errors were computed using replicate weights. Totals include race categories not separately shown. Race categories exclude persons of Hispanic ethnicity. Detail may not sum to totals because of rounding.

SOURCE: U.S. Department of Commerce, Census Bureau, Current Population Survey (CPS), October 2014, 2015, and 2016. (This table was prepared March 2018.)

**Table 504.20. Labor force status of recent high school dropouts, by sex and race/ethnicity: Selected years, October 1980 through 2016**  
 [Standard errors appear in parentheses]

Year, sex, and race/ethnicity	Number of dropouts (in thousands)	Percent of all dropouts	Percentage distribution of dropouts			Labor force participation rate of dropouts <sup>1</sup>	Dropouts in civilian labor force <sup>2</sup>			Dropouts not in labor force (in thousands)
			Employed	Unemployed (seeking employment)	Not in labor force		Number (in thousands)		Unemployment rate	
							Total	Unemployed (seeking employment)		
1	2	3	4	5	6	7	8	9	10	11
Estimates for individual years										
<b>All dropouts</b>										
1980.....	738 (44.0)	100.0 (†)	43.8 (2.97)	20.0 (2.37)	36.2 (2.87)	63.8 (2.87)	471 (35.2)	148 (19.5)	31.4 (3.44)	267 (26.5)
1990.....	412 (36.0)	100.0 (†)	46.3 (4.37)	21.6 (3.57)	32.2 (4.09)	67.8 (4.09)	279 (29.7)	89 (16.6)	31.8 (4.90)	132 (20.4)
2000.....	515 (28.5)	100.0 (†)	48.7 (2.77)	19.2 (3.01)	32.0 (2.59)	68.0 (2.59)	350 (23.5)	99 (17.2)	28.1 (4.16)	165 (16.2)
2005.....	407 (35.3)	100.0 (†)	38.3 (4.22)	18.9 (3.42)	42.8 (3.32)	57.2 (4.30)	233 (26.7)	77 (15.4)	32.9 (5.42)	174 (17.9)
2010 <sup>3</sup> .....	340 (29.0)	100.0 (†)	30.9 (4.24)	23.0 (4.29)	46.1 (4.78)	53.9 (4.78)	183 (21.5)	78 (16.0)	42.7 (6.67)	157 (21.9)
2015 <sup>3</sup> .....	521 (48.4)	100.0 (†)	36.8 (4.01)	9.1 !	(2.86)	54.1 (4.54)	239 (34.4)	‡ (†)	19.8 (5.57)	282 (32.9)
2016 <sup>3</sup> .....	513 (40.6)	100.0 (†)	34.7 (4.01)	16.2 (3.00)	49.1 (3.72)	50.9 (3.72)	261 (29.9)	83 (16.7)	31.9 (5.65)	252 (25.3)
3-year moving averages <sup>4</sup>										
<b>All dropouts</b>										
1980.....	748 (44.3)	100.0 (†)	44.4 (1.70)	19.9 (1.38)	35.7 (1.27)	64.3 (1.64)	481 (35.6)	149 (19.9)	30.9 (1.99)	267 (20.5)
1990.....	413 (36.1)	100.0 (†)	43.5 (2.50)	21.5 (2.08)	35.0 (1.86)	65.0 (2.41)	268 (29.1)	89 (16.8)	33.1 (2.96)	144 (16.5)
2000.....	515 (41.8)	100.0 (†)	44.1 (2.33)	19.0 (1.85)	36.9 (1.75)	63.1 (2.27)	325 (33.2)	98 (18.3)	30.1 (2.72)	190 (19.7)
2005.....	449 (37.1)	100.0 (†)	36.8 (2.30)	17.7 (1.83)	45.5 (1.84)	54.5 (2.38)	245 (27.4)	79 (15.7)	32.5 (3.04)	205 (19.4)
2010.....	365 (33.4)	100.0 (†)	28.7 (2.39)	23.7 (2.26)	47.6 (2.04)	52.4 (2.64)	191 (24.2)	87 (16.4)	45.2 (3.65)	174 (17.8)
2015.....	536 (27.9)	100.0 (†)	33.2 (2.24)	12.6 (1.58)	54.2 (2.23)	45.8 (2.23)	246 (18.7)	67 (9.4)	27.4 (3.25)	291 (17.8)
2016.....	517 (33.4)	100.0 (†)	35.8 (2.86)	12.6 (2.18)	51.6 (2.85)	48.4 (2.85)	250 (23.7)	65 (13.0)	26.1 (4.19)	267 (20.5)
<b>Sex</b>										
<b>Male</b>										
1980.....	393 (31.6)	52.6 (1.69)	55.5 (2.31)	19.5 (1.84)	25.0 (2.01)	75.0 (2.01)	295 (27.4)	77 (14.0)	25.9 (2.35)	98 (15.8)
1990.....	216 (25.7)	52.3 (2.48)	50.9 (3.44)	25.2 (2.98)	23.9 (2.93)	76.1 (2.93)	164 (22.4)	55 (12.9)	33.1 (3.71)	52 (12.6)
2000.....	279 (30.3)	54.1 (2.30)	49.8 (3.14)	19.6 (2.49)	30.7 (2.90)	69.3 (2.90)	193 (25.2)	55 (13.4)	28.2 (3.39)	85 (16.8)
2005.....	254 (27.4)	56.5 (2.33)	40.0 (3.06)	19.0 (2.45)	41.0 (3.07)	59.0 (3.07)	150 (21.1)	48 (12.0)	32.2 (3.80)	104 (17.6)
2010.....	196 (24.1)	53.6 (2.60)	32.1 (3.32)	22.4 (2.97)	45.5 (3.54)	54.5 (3.54)	107 (17.8)	44 (11.4)	41.2 (4.74)	89 (16.3)
2015.....	296 (20.9)	55.2 (2.41)	34.2 (3.01)	15.4 (2.35)	50.4 (2.97)	49.6 (2.97)	147 (13.7)	46 (7.5)	31.1 (4.39)	149 (13.5)
2016.....	290 (24.7)	56.0 (2.98)	38.8 (3.86)	15.6 (3.20)	45.5 (3.72)	54.5 (3.72)	158 (18.1)	45 (10.4)	28.7 (5.42)	132 (14.6)
<b>Female</b>										
1980.....	354 (29.1)	47.4 (1.63)	32.1 (2.21)	20.4 (1.91)	47.5 (2.37)	52.5 (2.37)	186 (21.1)	72 (13.1)	38.9 (3.19)	168 (20.0)
1990.....	197 (23.7)	47.7 (2.40)	35.4 (3.33)	17.4 (2.64)	47.2 (3.48)	52.8 (3.48)	104 (17.2)	34 (9.9)	33.0 (4.51)	93 (16.3)
2000.....	236 (27.0)	45.9 (2.23)	37.4 (3.19)	18.3 (2.55)	44.3 (3.28)	55.7 (3.28)	132 (20.1)	43 (11.6)	32.9 (4.15)	105 (18.0)
2005.....	196 (23.3)	43.5 (2.25)	32.6 (3.23)	16.0 (2.52)	51.4 (3.44)	48.6 (3.44)	95 (16.2)	31 (9.3)	32.9 (4.64)	101 (16.7)
2010.....	169 (21.7)	46.4 (2.51)	24.9 (3.20)	25.1 (3.21)	50.0 (3.70)	50.0 (3.70)	85 (15.3)	43 (10.9)	50.2 (5.23)	85 (15.3)
2015.....	240 (17.3)	44.8 (2.41)	32.1 (3.08)	9.0 (1.99)	58.9 (3.04)	41.1 (3.04)	99 (10.9)	‡ (†)	22.0 (4.66)	141 (11.5)
2016.....	227 (20.8)	44.0 (2.98)	31.8 (3.67)	8.8 (2.50)	59.4 (3.78)	40.6 (3.78)	92 (12.9)	‡ (†)	21.7 (5.77)	135 (13.8)
<b>Race/ethnicity</b>										
<b>White</b>										
1980.....	494 (36.0)	66.0 (1.62)	50.9 (2.11)	17.6 (1.61)	31.5 (1.52)	68.5 (1.96)	338 (29.8)	87 (15.2)	25.7 (2.24)	156 (15.7)
1990.....	240 (27.5)	58.0 (2.49)	51.4 (3.31)	19.3 (2.63)	29.3 (2.33)	70.7 (3.02)	170 (23.1)	46 (12.1)	27.3 (3.53)	70 (11.5)
2000.....	279 (30.8)	54.1 (2.34)	48.3 (3.19)	18.7 (2.50)	33.0 (2.32)	67.0 (3.00)	187 (25.2)	52 (13.4)	27.8 (3.51)	92 (13.7)
2005.....	215 (25.7)	48.0 (2.38)	41.6 (3.40)	14.2 (2.42)	44.2 (2.64)	55.8 (3.42)	120 (19.2)	31 !	(9.7)	25.5 (4.04)
2010.....	164 (22.4)	45.0 (2.63)	32.7 (3.70)	20.8 (3.22)	46.4 (3.04)	53.6 (3.93)	88 (16.4)	34 !	(10.3)	38.9 (5.28)
2015.....	260 (15.0)	48.4 (2.40)	39.1 (3.34)	9.2 (1.76)	51.6 (3.21)	48.4 (3.21)	126 (12.0)	24 (4.7)	19.1 (3.64)	134 (10.3)
2016.....	247 (18.1)	47.8 (2.85)	44.1 (4.26)	9.5 (2.29)	46.4 (4.10)	53.6 (4.10)	133 (15.7)	‡ (†)	17.7 (4.23)	115 (11.2)
<b>Black</b>										
1980.....	154 (21.3)	20.6 (1.47)	21.0 (3.27)	28.3 (3.62)	50.6 (4.01)	49.4 (4.01)	76 (15.0)	44 (11.4)	57.4 (5.65)	78 (15.2)
1990.....	96 (18.5)	23.3 (2.27)	27.1 (4.93)	29.0 (5.04)	43.9 (5.51)	56.1 (5.51)	54 (13.8)	28 !	(10.0)	51.7 (7.41)
2000.....	102 (19.7)	19.8 (1.98)	28.0 (5.03)	22.2 (4.65)	49.8 (5.60)	50.2 (5.60)	51 (14.0)	‡ (†)	44.2 (7.85)	51 (13.9)
2005.....	88 (17.4)	19.5 (2.01)	21.5 (4.71)	27.7 (5.13)	50.9 (5.73)	49.1 (5.73)	43 (12.2)	‡ (†)	56.3 (8.11)	45 (12.4)
2010.....	70 (15.6)	19.3 (2.22)	22.4 (5.33)	30.4 (5.88)	47.2 (6.38)	52.8 (6.38)	37 !	(11.3)	‡ (†)	57.5 (8.69)
2015.....	90 (11.1)	16.7 (1.73)	28.5 (5.34)	23.3 (5.31)	48.2 (5.89)	51.8 (5.89)	46 (8.2)	‡ (†)	45.0 (8.66)	43 (7.0)
2016.....	92 (13.6)	17.8 (2.22)	33.6 (6.76)	21.5 (6.83)	44.9 (7.46)	55.1 (7.46)	51 (11.1)	‡ (†)	39.1 (10.60)	41 (8.2)
<b>Hispanic</b>										
1980.....	84 (18.7)	11.3 (1.36)	48.2 (6.40)	19.5 (5.07)	32.3 (5.99)	67.7 (5.99)	57 (15.4)	‡ (†)	28.8 (7.05)	27 !
1990.....	66 (15.3)	15.9 (1.96)	39.3 (6.56)	19.9 (5.36)	40.8 (6.60)	59.2 (6.60)	39 !	(11.8)	‡ (†)	33.5 (8.24)
2000.....	113 (20.8)	21.9 (2.06)	50.4 (5.32)	17.7 (4.06)	31.9 (4.96)	68.1 (4.96)	77 (17.1)	‡ (†)	26.0 (5.66)	36 !
2005.....	125 (20.8)	27.9 (2.27)	39.2 (4.68)	16.1 (3.52)	44.7 (4.77)	55.3 (4.77)	69 (15.4)	‡ (†)	29.1 (5.86)	56 (13.9)
2010.....	102 (18.8)	28.0 (2.52)	25.8 (4.64)	24.3 (4.55)	49.9 (5.30)	50.1 (5.30)	51 (13.3)	25 !	(9.3)	48.4 (7.49)
2015.....	146 (14.9)	27.3 (2.12)	27.4 (3.78)	13.0 (2.82)	59.6 (4.57)	40.4 (4.57)	59 (9.3)	‡ (†)	32.1 (5.88)	87 (10.8)
2016.....	129 (17.6)	24.9 (2.71)	22.7 (4.52)	14.8 (3.96)	62.5 (5.48)	37.5 (5.48)	48 (10.5)	‡ (†)	39.5 (8.71)	80 (11.9)

†Not applicable.  
 !Interpret data with caution. The coefficient of variation (CV) for this estimate is between 30 and 50 percent.  
 ‡Reporting standards not met. Either there are too few cases for a reliable estimate or the coefficient of variation (CV) is 50 percent or greater.  
<sup>1</sup>The labor force participation rate is the percentage of persons who are either employed or seeking employment.  
<sup>2</sup>The labor force includes all employed persons plus those seeking employment. The unemployment rate is the percentage of persons in the labor force who are not working and who made specific efforts to find employment sometime during the prior 4 weeks.  
<sup>3</sup>Beginning in 2010, standard errors for the individual year estimates were computed using replicate weights in order to produce more precise values. This methodology can only be used for these estimates. For all other estimates in the table, standard errors were computed using generalized variance function methodology.

<sup>4</sup>A 3-year moving average is the arithmetic average of the year indicated, the year immediately preceding, and the year immediately following. For example, the estimates shown for 2000 reflect an average of 1999, 2000, and 2001. Use of a moving average increases the sample size, thereby reducing the size of sampling errors and producing more stable estimates. For the final year of available data, a 2-year moving average is used; thus, the estimates for 2016 reflect the average of 2015 and 2016.  
 NOTE: Data are based on sample surveys of the civilian noninstitutionalized population, which excludes persons in the military and persons living in institutions (e.g., prisons or nursing facilities). Data are for October of a given year. Dropouts are considered persons 16 to 24 years old who dropped out of school in the 12-month period ending in October of years shown. Includes dropouts from any grade, including a small number from elementary and middle schools. Totals include race categories not separately shown. Race categories exclude persons of Hispanic ethnicity. Detail may not sum to totals because of rounding.  
 SOURCE: U.S. Department of Commerce, Census Bureau, Current Population Survey (CPS), selected years, October 1979 through 2016. (This table was prepared June 2018.)

**Table 505.10. Number, percentage distribution, unemployment rates, and median earnings of 25- to 29-year-old bachelor's degree holders and percentage of degree holders among all 25- to 29-year-olds, by field of study and science, technology, engineering, or mathematics (STEM) status of field: 2010 and 2016**  
[Standard errors appear in parentheses]

Field of study and STEM status of field	2010											2016										
	25- to 29-year-old bachelor's degree holders										Percent of all 25- to 29-year-olds with degree in specific field	25- to 29-year-old bachelor's degree holders										
	Number, in thousands	Percentage distribution	Unemployment rate for the civilian labor force	Median annual earnings of full-time year-round workers				Number, in thousands	Percentage distribution	Unemployment rate for the civilian labor force		Median annual earnings of full-time year-round workers		Percent of all 25- to 29-year-olds with degree in specific field								
				Current dollars		Constant 2016 dollars <sup>1</sup>						Median annual earnings of full-time year-round workers										
1	2	3	4	5	6	7	8	9	10	11	12											
<b>Total, all bachelor's degrees</b> .....	<b>6,366 (30.5)</b>	<b>100.0 (†)</b>	<b>5.6 (0.13)</b>	<b>\$43,730 (684)</b>	<b>\$48,140 (753)</b>	<b>30.5 (0.14)</b>	<b>7,638 (38.7)</b>	<b>100.0 (†)</b>	<b>3.1 (0.08)</b>	<b>\$48,270 (372)</b>	<b>33.7 (0.16)</b>											
Agriculture .....	59 (2.8)	0.9 (0.04)	3.8 (0.99)	40,150 (424)	44,200 (467)	0.3 (0.01)	70 (3.5)	0.9 (0.04)	3.2 † (1.16)	44,590 (1,892)	0.3 (0.02)											
Architecture .....	47 (2.5)	0.7 (0.04)	13.8 (2.49)	44,300 (2,686)	48,760 (2,957)	0.2 (0.01)	58 (3.4)	0.8 (0.04)	2.0 † (0.67)	50,000 (551)	0.3 (0.02)											
Area, ethnic, and civilization studies.....	28 (1.9)	0.4 (0.03)	5.2 † (1.61)	41,250 (3,100)	45,410 (3,412)	0.1 (0.01)	33 (2.3)	0.4 (0.03)	3.1 † (1.11)	44,260 (2,702)	0.1 (0.01)											
Arts, fine and commercial .....	334 (7.0)	5.3 (0.11)	6.8 (0.55)	37,140 (803)	40,880 (873)	1.6 (0.03)	424 (9.8)	5.5 (0.12)	4.6 (0.48)	39,830 (450)	1.9 (0.04)											
Fine arts .....	245 (5.4)	3.8 (0.08)	6.1 (0.69)	36,170 (888)	39,810 (977)	1.2 (0.03)	303 (8.1)	4.0 (0.10)	4.6 (0.55)	36,270 (1,215)	1.3 (0.04)											
Commercial art and graphic design .....	89 (3.9)	1.4 (0.06)	8.6 (1.09)	38,860 (1,799)	42,770 (1,980)	0.4 (0.02)	120 (4.9)	1.6 (0.06)	4.5 (0.89)	40,300 (1,477)	0.5 (0.02)											
Business.....	1,252 (13.9)	19.7 (0.19)	5.5 (0.24)	47,160 (1,004)	51,910 (1,091)	6.0 (0.07)	1,394 (14.3)	18.3 (0.17)	2.9 (0.18)	50,360 (10)	6.2 (0.06)											
Business, general .....	222 (5.5)	3.5 (0.09)	5.7 (0.66)	45,960 (1,425)	50,590 (1,569)	1.1 (0.03)	273 (7.5)	3.6 (0.10)	2.8 (0.50)	50,290 (1,019)	1.2 (0.03)											
Accounting .....	194 (5.7)	3.0 (0.09)	5.8 (0.68)	50,100 (141)	55,140 (155)	0.9 (0.03)	223 (5.6)	2.9 (0.07)	2.4 (0.40)	55,400 (726)	1.0 (0.02)											
Business management and administration .....	339 (7.2)	5.3 (0.11)	6.5 (0.57)	43,200 (1,200)	47,550 (1,321)	1.6 (0.03)	349 (7.9)	4.6 (0.10)	3.7 (0.51)	48,280 (820)	1.5 (0.03)											
Marketing and marketing research .....	187 (5.5)	2.9 (0.08)	4.6 (0.57)	44,250 (765)	48,710 (842)	0.9 (0.03)	191 (5.4)	2.5 (0.07)	2.8 (0.44)	50,200 (1,221)	0.8 (0.02)											
Finance .....	170 (5.5)	2.7 (0.09)	4.9 (0.61)	52,620 (1,865)	57,910 (2,053)	0.8 (0.03)	169 (6.0)	2.2 (0.08)	2.1 (0.49)	60,070 (622)	0.7 (0.03)											
Management information systems and statistics .....	23 (1.6)	0.4 (0.03)	3.4 † (1.12)	55,020 (1,939)	60,560 (2,134)	0.1 (0.01)	23 (1.9)	0.3 (0.02)	4.1 † (1.46)	59,950 (91,475)	0.1 (0.01)											
Business, other and medical administration .....	118 (3.7)	1.9 (0.06)	4.5 (0.57)	44,400 (720)	48,870 (793)	0.6 (0.02)	167 (5.4)	2.2 (0.07)	2.9 (0.52)	49,600 (1,115)	0.7 (0.02)											
Communications and communications technologies.....	373 (8.2)	5.9 (0.12)	6.4 (0.45)	40,260 (18)	44,310 (19)	1.8 (0.04)	430 (7.6)	5.6 (0.10)	3.2 (0.33)	45,260 (362)	1.9 (0.03)											
Computer and information systems .....	249 (6.2)	3.9 (0.10)	5.6 (0.55)	56,320 (1,809)	61,990 (1,991)	1.2 (0.03)	288 (8.4)	3.8 (0.11)	3.8 (0.50)	65,440 (1,228)	1.3 (0.04)											
Construction/electrical/transportation technologies .....	35 (2.6)	0.5 (0.04)	4.8 † (1.64)	49,720 (1,595)	54,730 (1,756)	0.2 (0.01)	40 (3.0)	0.5 (0.04)	5.2 † (2.05)	55,310 (2,329)	0.2 (0.01)											
Criminal justice and fire protection .....	140 (4.7)	2.2 (0.07)	6.2 (0.74)	39,300 (1,458)	43,250 (1,605)	0.7 (0.02)	191 (5.9)	2.5 (0.08)	4.1 (0.72)	40,990 (1,519)	0.8 (0.03)											
Education.....	573 (8.0)	9.0 (0.12)	3.4 (0.31)	38,260 (80)	42,110 (87)	2.7 (0.04)	559 (9.2)	7.3 (0.11)	1.9 (0.26)	40,240 (10)	2.5 (0.04)											
General education .....	151 (5.3)	2.4 (0.09)	4.7 (0.80)	39,350 (1,076)	43,310 (1,184)	0.7 (0.03)	169 (5.6)	2.2 (0.07)	1.5 † (0.47)	40,270 (581)	0.7 (0.02)											
Early childhood education.....	32 (2.0)	0.5 (0.03)	1.2 † (0.58)	36,820 (1,808)	40,530 (1,990)	0.2 (0.01)	38 (2.1)	0.5 (0.03)	1.3 † (0.49)	35,940 (1,182)	0.2 (0.01)											
Elementary education.....	181 (5.0)	2.8 (0.08)	3.2 (0.53)	38,150 (938)	42,000 (1,033)	0.9 (0.02)	151 (5.2)	2.0 (0.06)	2.0 (0.58)	39,070 (561)	0.7 (0.02)											
Secondary teacher education .....	19 (1.4)	0.3 (0.02)	2.5 † (1.08)	36,140 (976)	39,780 (1,074)	0.1 (0.01)	15 (1.5)	0.2 (0.02)	3.3 † (1.61)	39,070 (1,152)	0.1 (0.01)											
Education, other.....	190 (4.8)	3.0 (0.07)	2.9 (0.45)	38,480 (940)	42,360 (1,035)	0.9 (0.02)	185 (5.6)	2.4 (0.07)	2.1 (0.47)	40,050 (103)	0.8 (0.02)											
Engineering and engineering-related fields .....	474 (8.8)	7.4 (0.13)	5.0 (0.41)	60,580 (748)	66,670 (813)	2.3 (0.04)	613 (9.1)	8.0 (0.12)	2.6 (0.25)	69,650 (450)	2.7 (0.04)											
General engineering .....	63 (3.0)	1.0 (0.05)	4.3 † (1.44)	60,100 (324)	66,150 (356)	0.3 (0.01)	72 (3.8)	0.9 (0.05)	2.9 (0.80)	63,770 (2,697)	0.3 (0.02)											
Chemical engineering .....	28 (2.2)	0.4 (0.03)	4.4 † (1.42)	65,580 (3,098)	72,180 (3,410)	0.1 (0.01)	42 (2.6)	0.5 (0.03)	1.6 † (0.66)	74,880 (1,387)	0.2 (0.01)											
Civil engineering .....	46 (2.9)	0.7 (0.05)	6.6 (1.69)	58,910 (1,276)	64,840 (1,404)	0.2 (0.01)	62 (3.0)	0.8 (0.04)	2.3 † (0.87)	63,110 (2,008)	0.3 (0.01)											
Computer engineering .....	45 (2.8)	0.7 (0.04)	7.1 (1.50)	65,320 (842)	71,900 (927)	0.2 (0.01)	58 (3.3)	0.8 (0.04)	1.7 † (0.64)	78,080 (3,280)	0.3 (0.01)											
Electrical engineering .....	86 (4.3)	1.3 (0.07)	5.1 (1.13)	65,060 (685)	71,610 (754)	0.4 (0.02)	105 (3.9)	1.4 (0.05)	3.3 (0.63)	74,790 (1,144)	0.5 (0.02)											
Mechanical engineering.....	86 (3.9)	1.3 (0.06)	3.7 (0.77)	61,620 (1,428)	67,830 (1,571)	0.4 (0.02)	118 (5.1)	1.5 (0.07)	1.9 (0.49)	71,860 (1,538)	0.5 (0.02)											
Engineering, other .....	78 (3.6)	1.2 (0.06)	4.9 (1.01)	59,850 (600)	65,880 (660)	0.4 (0.02)	108 (4.7)	1.4 (0.06)	2.3 (0.64)	65,480 (1,435)	0.5 (0.02)											
Engineering technologies .....	42 (2.5)	0.7 (0.04)	4.7 (1.17)	55,890 (2,180)	61,510 (2,400)	0.2 (0.01)	48 (3.2)	0.6 (0.04)	5.0 (1.43)	59,630 (2,616)	0.2 (0.01)											
English language and literature .....	194 (5.2)	3.0 (0.08)	7.6 (0.73)	38,100 (1,100)	41,930 (1,210)	0.9 (0.02)	219 (7.6)	2.9 (0.10)	4.0 (0.55)	40,280 (339)	1.0 (0.03)											
Family and consumer sciences .....	55 (3.1)	0.9 (0.05)	3.9 (0.97)	36,060 (1,375)	39,690 (1,513)	0.3 (0.01)	57 (2.9)	0.7 (0.04)	3.5 (0.86)	37,680 (1,320)	0.3 (0.01)											
Health professions.....	378 (8.2)	5.9 (0.12)	3.3 (0.39)	50,330 (20)	55,400 (21)	1.8 (0.04)	619 (9.6)	8.1 (0.12)	1.8 (0.22)	51,830 (760)	2.7 (0.04)											
General medical and health services.....	200 (6.5)	3.1 (0.10)	3.6 (0.54)	46,290 (1,500)	50,950 (1,651)	1.0 (0.03)	309 (7.0)	4.0 (0.09)	2.6 (0.40)	50,060 (1,927)	1.4 (0.03)											
Nursing .....	179 (5.5)	2.8 (0.08)	3.0 (0.57)	53,350 (1,366)	58,720 (1,503)	0.9 (0.03)	310 (7.2)	4.1 (0.09)	1.1 (0.21)	56,350 (1,130)	1.4 (0.03)											
History .....	138 (4.5)	2.2 (0.07)	8.4 (0.77)	41,060 (1,385)	45,190 (1,525)	0.7 (0.02)	151 (5.3)	2.0 (0.07)	4.3 (0.66)	43,430 (935)	0.7 (0.02)											
Liberal arts and humanities .....	76 (3.4)	1.2 (0.05)	7.2 (1.19)	40,130 (1,161)	44,170 (1,278)	0.4 (0.02)	83 (3.4)	1.1 (0.04)	5.6 (1.11)	40,020 (620)	0.4 (0.02)											
Linguistics and comparative language and literature .....	68 (3.5)	1.1 (0.05)	8.6 (1.73)	38,130 (1,373)	41,960 (1,512)	0.3 (0.02)	75 (4.3)	1.0 (0.06)	5.8 (1.68)	42,040 (1,725)	0.3 (0.02)											
Mathematics .....	78 (3.8)	1.2 (0.06)	4.6 (1.04)	50,120 (781)	55,170 (860)	0.4 (0.02)	92 (4.2)	1.2 (0.06)	4.1 (0.96)	50,340 (1,127)	0.4 (0.02)											
Multi/interdisciplinary studies.....	55 (2.6)	0.9 (0.04)	5.4 (0.96)	39,770 (922)	43,770 (1,015)	0.3 (0.01)	82 (3.2)	1.1 (0.04)	4.0 (0.88)	43,170 (2,138)	0.4 (0.01)											
Natural sciences .....	586 (9.2)	9.2 (0.14)	5.2 (0.38)	42,300 (787)	46,560 (856)	2.8 (0.04)	763 (12.6)	10.0 (0.15)	3.1 (0.26)	45,340 (1,460)	3.4 (0.05)											
Biology .....	364 (8.1)	5.7 (0.13)	4.9 (0.50)	43,300 (927)	47,660 (1,020)	1.7 (0.04)	494 (10.3)	6.5 (0.13)	3.0 (0.35)	45,330 (1,201)	2.2 (0.04)											
Environmental science.....	42 (2.8)	0.7 (0.04)	9.7 (1.98)	39,960 (1,549)	43,980 (1,705)	0.2 (0.01)	65 (2.7)	0.8 (0.03)	4.6 (1.14)	41,000 (1,158)	0.3 (0.01)											
Physical sciences .....	180 (4.8)	2.8 (0.08)	4.7 (0.76)	42,210 (1,545)	46,460 (1,700)	0.9 (0.02)	204 (5.6)	2.7 (0.07)	2.7 (0.43)	49,110 (1,345)	0.9 (0.02)											

See notes at end of table.

**Table 505.10. Number, percentage distribution, unemployment rates, and median earnings of 25- to 29-year-old bachelor's degree holders and percentage of degree holders among all 25- to 29-year-olds, by field of study and science, technology, engineering, or mathematics (STEM) status of field: 2010 and 2016—Continued**

[Standard errors appear in parentheses]

Field of study and STEM status of field	2010						2016					
	25- to 29-year-old bachelor's degree holders					Percent of all 25- to 29-year-olds with degree in specific field	25- to 29-year-old bachelor's degree holders					
	Number, in thousands	Percentage distribution	Unemployment rate for the civilian labor force	Median annual earnings of full-time year-round workers			Number, in thousands	Percentage distribution	Unemployment rate for the civilian labor force	Median annual earnings of full-time year-round workers	Percent of all 25- to 29-year-olds with degree in specific field	
				Current dollars	Constant 2016 dollars <sup>1</sup>							
1	2	3	4	5	6	7	8	9	10	11	12	
Physical fitness, parks, recreation and leisure .....	101 (3.6)	1.6 (0.06)	3.5 (0.68)	40,250 (27)	44,300 (29)	0.5 (0.02)	169 (5.6)	2.2 (0.07)	3.0 (0.55)	40,080 (658)	0.7 (0.02)	
Philosophy and religious studies .....	53 (2.3)	0.8 (0.04)	7.8 (1.56)	40,280 (1,419)	44,340 (1,562)	0.3 (0.01)	58 (2.9)	0.8 (0.04)	5.8 (1.29)	39,810 (854)	0.3 (0.01)	
Psychology .....	378 (7.9)	5.9 (0.12)	5.9 (0.48)	37,240 (532)	40,980 (585)	1.8 (0.04)	440 (8.2)	5.8 (0.10)	2.9 (0.34)	40,100 (102)	1.9 (0.04)	
Public administration and public policy .....	12 (1.6)	0.2 (0.02)	‡ (†)	50,090 (6,667)	55,130 (7,338)	0.1 (0.01)	11 (1.3)	0.1 (0.02)	‡ ! (†)	56,460 (8,455)	0.1 (0.01)	
Social sciences .....	519 (8.6)	8.2 (0.13)	6.9 (0.43)	45,160 (528)	49,710 (574)	2.5 (0.04)	569 (10.6)	7.5 (0.13)	3.3 (0.31)	50,310 (20)	2.5 (0.05)	
Anthropology and archeology .....	33 (2.0)	0.5 (0.03)	4.5 (1.14)	37,950 (2,738)	41,770 (3,014)	0.2 (0.01)	42 (2.4)	0.5 (0.03)	3.5 ! (1.35)	39,800 (890)	0.2 (0.01)	
Economics .....	126 (4.4)	2.0 (0.07)	8.2 (1.00)	52,380 (2,049)	57,660 (2,256)	0.6 (0.02)	149 (5.8)	2.0 (0.07)	3.6 (0.69)	60,350 (2,177)	0.7 (0.03)	
Geography .....	15 (1.7)	0.2 (0.03)	9.2 ! (3.53)	43,580 (2,973)	47,970 (3,273)	0.1 (0.01)	18 (1.4)	0.2 (0.02)	‡ (†)	45,210 (3,123)	0.1 (0.01)	
International relations .....	23 (2.0)	0.4 (0.03)	7.1 ! (2.75)	49,080 (1,756)	54,020 (1,933)	0.1 (0.01)	29 (2.1)	0.4 (0.03)	4.3 ! (1.67)	52,290 (3,986)	0.1 (0.01)	
Political science and government .....	173 (4.8)	2.7 (0.08)	5.9 (0.70)	45,220 (108)	49,770 (119)	0.8 (0.02)	181 (5.5)	2.4 (0.07)	3.2 (0.54)	50,330 (26)	0.8 (0.02)	
Sociology .....	116 (4.3)	1.8 (0.07)	7.6 (1.15)	38,200 (1,253)	42,050 (1,379)	0.6 (0.02)	113 (4.1)	1.5 (0.05)	3.3 (0.87)	40,030 (236)	0.5 (0.02)	
Miscellaneous social sciences .....	32 (2.0)	0.5 (0.03)	5.3 (1.38)	40,250 (798)	44,300 (878)	0.2 (0.01)	37 (2.1)	0.5 (0.03)	2.5 ! (1.00)	42,190 (1,405)	0.2 (0.01)	
Social work and human services .....	59 (2.8)	0.9 (0.04)	5.6 (1.38)	35,020 (138)	38,550 (152)	0.3 (0.01)	90 (4.1)	1.2 (0.05)	5.0 (1.18)	36,200 (1,284)	0.4 (0.02)	
Theology and religious vocations .....	28 (2.0)	0.4 (0.03)	3.9 ! (1.88)	32,790 (1,349)	36,100 (1,485)	0.1 (0.01)	32 (2.1)	0.4 (0.03)	2.3 ! (0.98)	34,420 (1,406)	0.1 (0.01)	
Other fields .....	26 (2.0)	0.4 (0.03)	9.0 (2.31)	36,660 (2,542)	40,350 (2,798)	0.1 (0.01)	28 (2.3)	0.4 (0.03)	5.9 ! (2.15)	40,380 (1,507)	0.1 (0.01)	
STEM status of field <sup>2</sup>												
STEM field .....	1,345 (13.7)	21.1 (0.21)	5.0 (0.26)	53,150 (967)	58,500 (1,064)	6.4 (0.07)	1,691 (17.7)	22.1 (0.21)	3.0 (0.16)	60,100 (541)	7.5 (0.08)	
Non-STEM field .....	5,021 (29.4)	78.9 (0.21)	5.7 (0.14)	41,660 (692)	45,850 (762)	24.0 (0.14)	5,947 (35.1)	77.9 (0.21)	3.2 (0.09)	45,290 (9)	26.3 (0.15)	

†Not applicable.

!Interpret data with caution. The coefficient of variation (CV) for this estimate is between 30 and 50 percent.

‡Reporting standards not met. Either there are too few cases for a reliable estimate or the coefficient of variation (CV) is 50 percent or greater.

<sup>1</sup>Constant dollars based on the Consumer Price Index, prepared by the Bureau of Labor Statistics, U.S. Department of Labor.

<sup>2</sup>STEM fields include biological and biomedical sciences, computer and information sciences, engineering and engineering technologies, mathematics and statistics, and physical sciences and science technologies.

NOTE: The first bachelor's degree major reported by respondents was used to classify their field of study, even though they were able to report a second bachelor's degree major and may possess advanced degrees in other fields. Median earnings

are for full-time employees working 35 or more hours per week. Data are based on sample surveys of the entire population residing within the United States, including both noninstitutionalized persons (e.g., those living in households, college housing, or military housing located within the United States) and institutionalized persons (e.g., those living in prisons, nursing facilities, or other healthcare facilities). Detail may not sum to totals because of rounding. Some data have been revised from previously published figures.

SOURCE: U.S. Department of Commerce, Census Bureau, 2010 and 2016 American Community Survey (ACS) Public Use Microdata Sample (PUMS) data. (This table was prepared December 2017.)

**Table 505.15. Number, percentage distribution, and median annual earnings of 25- to 34-year-olds with a bachelor's or higher degree, by sex, race/ethnicity, and selected employment and occupational characteristics: 2015**

[Standard errors appear in parentheses]

Selected employment or occupational characteristic	Total	Sex		Race/ethnicity							
		Male	Female	White	Black	Hispanic	Asian	Pacific Islander	American Indian/ Alaska Native	Two or more races	
1	2	3	4	5	6	7	8	9	10	11	
Number (in thousands)											
<b>All 25- to 34-year-olds with a bachelor's or higher degree.....</b>	<b>14,882 (54.1)</b>	<b>6,618 (33.1)</b>	<b>8,265 (32.6)</b>	<b>9,927 (39.0)</b>	<b>1,192 (16.3)</b>	<b>1,420 (16.0)</b>	<b>1,884 (16.9)</b>	<b>13 (1.7)</b>	<b>42 (2.8)</b>	<b>359 (8.9)</b>	
Percentage distribution											
<b>All 25- to 34-year-olds with a bachelor's or higher degree ...</b>	<b>100.0 (†)</b>	<b>100.0 (†)</b>	<b>100.0 (†)</b>	<b>100.0 (†)</b>	<b>100.0 (†)</b>	<b>100.0 (†)</b>	<b>100.0 (†)</b>	<b>100.0 (†)</b>	<b>100.0 (†)</b>	<b>100.0 (†)</b>	
<b>Employment status</b>											
Employed.....	86.8 (0.12)	90.8 (0.15)	83.6 (0.16)	89.0 (0.13)	87.1 (0.46)	85.4 (0.43)	76.8 (0.43)	77.8 (4.13)	83.4 (2.34)	85.7 (0.77)	
Full-time.....	76.8 (0.14)	83.5 (0.20)	71.4 (0.20)	78.9 (0.17)	77.4 (0.61)	74.5 (0.52)	67.9 (0.42)	68.9 (4.02)	74.1 (2.60)	73.2 (0.96)	
Part-time.....	10.0 (0.09)	7.3 (0.14)	12.2 (0.14)	10.1 (0.12)	9.7 (0.43)	10.9 (0.34)	8.9 (0.29)	8.9 (2.49)	9.3 (1.71)	12.5 (0.68)	
Less than 20 hours per week.....	2.3 (0.05)	1.4 (0.05)	3.0 (0.08)	2.4 (0.06)	2.0 (0.15)	2.3 (0.17)	2.2 (0.14)	† (†)	2.2 ! (1.02)	2.4 (0.32)	
20 to 29 hours per week.....	4.2 (0.06)	3.3 (0.09)	5.0 (0.10)	4.2 (0.08)	3.9 (0.27)	4.7 (0.23)	4.3 (0.18)	6.1 ! (2.28)	3.0 ! (1.06)	4.9 (0.47)	
30 to 34 hours per week.....	3.5 (0.06)	2.6 (0.09)	4.2 (0.09)	3.5 (0.07)	3.8 (0.28)	3.8 (0.21)	2.4 (0.14)	† (†)	4.1 (1.16)	5.2 (0.46)	
Unemployed.....	2.8 (0.06)	3.1 (0.09)	2.5 (0.07)	2.3 (0.06)	5.0 (0.29)	3.7 (0.22)	3.2 (0.16)	5.8 ! (2.30)	4.5 ! (1.37)	3.1 (0.31)	
Not in labor force.....	10.4 (0.11)	6.1 (0.13)	13.8 (0.14)	8.7 (0.11)	8.0 (0.35)	10.9 (0.36)	19.9 (0.39)	16.4 (3.84)	12.1 (2.45)	11.2 (0.70)	
Enrolled in graduate school.....	2.8 (0.06)	2.8 (0.09)	2.8 (0.08)	2.2 (0.06)	2.6 (0.20)	2.9 (0.19)	5.6 (0.23)	7.4 ! (3.53)	4.4 (1.20)	3.9 (0.45)	
Not enrolled in graduate school.....	7.6 (0.09)	3.3 (0.10)	11.1 (0.14)	6.5 (0.10)	5.4 (0.30)	8.0 (0.32)	14.4 (0.36)	9.0 (2.54)	7.7 (2.15)	7.2 (0.60)	
<b>Major occupation group<sup>1</sup>.....</b>	<b>100.0 (†)</b>	<b>100.0 (†)</b>	<b>100.0 (†)</b>	<b>100.0 (†)</b>	<b>100.0 (†)</b>	<b>100.0 (†)</b>	<b>100.0 (†)</b>	<b>100.0 (†)</b>	<b>100.0 (†)</b>	<b>100.0 (†)</b>	
Management.....	12.7 (0.12)	14.1 (0.18)	11.4 (0.14)	13.4 (0.15)	10.8 (0.47)	11.7 (0.38)	10.3 (0.31)	8.3 ! (2.99)	11.2 (2.00)	13.6 (0.77)	
Business and financial operations.....	10.5 (0.10)	10.5 (0.17)	10.5 (0.14)	10.5 (0.13)	10.5 (0.44)	9.3 (0.37)	11.8 (0.39)	9.4 ! (3.42)	7.5 (1.84)	9.0 (0.72)	
Computer and mathematical.....	6.9 (0.09)	11.4 (0.16)	3.1 (0.09)	5.3 (0.09)	4.6 (0.33)	4.5 (0.29)	20.3 (0.46)	† (†)	2.8 ! (1.13)	7.9 (0.57)	
Architecture and engineering.....	4.0 (0.08)	6.9 (0.14)	1.5 (0.06)	4.0 (0.08)	2.3 (0.20)	3.4 (0.20)	6.3 (0.27)	† (†)	3.0 ! (1.03)	3.1 (0.43)	
Life, physical, and social sciences.....	2.5 (0.05)	2.6 (0.08)	2.5 (0.07)	2.5 (0.07)	1.3 (0.17)	2.1 (0.15)	4.2 (0.22)	† (†)	† (†)	2.6 (0.33)	
Community and social services.....	3.6 (0.07)	2.0 (0.07)	5.0 (0.10)	3.4 (0.07)	7.0 (0.36)	4.8 (0.25)	1.3 (0.13)	† (†)	5.9 (1.50)	4.1 (0.41)	
Legal.....	2.4 (0.06)	2.4 (0.07)	2.5 (0.09)	2.6 (0.08)	1.8 (0.22)	2.5 (0.19)	1.7 (0.13)	† (†)	† (†)	2.8 (0.38)	
Education, training, and library.....	13.3 (0.11)	8.6 (0.15)	17.3 (0.15)	14.2 (0.14)	12.3 (0.45)	13.3 (0.43)	8.8 (0.35)	7.3 ! (2.88)	12.7 (2.14)	11.9 (0.79)	
Arts, design, entertainment, sports, and media.....	4.3 (0.07)	4.5 (0.10)	4.2 (0.10)	4.6 (0.08)	3.0 (0.27)	4.7 (0.24)	3.1 (0.19)	7.1 ! (3.19)	2.8 ! (1.16)	5.0 (0.54)	
Healthcare practitioners and technicians.....	10.6 (0.12)	5.6 (0.12)	15.0 (0.18)	10.8 (0.16)	9.8 (0.42)	8.0 (0.27)	12.6 (0.38)	7.7 ! (2.82)	9.0 (1.50)	9.6 (0.81)	
Healthcare support.....	0.9 (0.04)	0.4 (0.03)	1.4 (0.06)	0.8 (0.04)	1.9 (0.19)	1.2 (0.13)	0.9 (0.10)	† (†)	2.2 ! (0.85)	1.2 (0.26)	
Protective service.....	1.7 (0.05)	2.9 (0.09)	0.7 (0.04)	1.7 (0.06)	3.0 (0.25)	2.3 (0.19)	0.7 (0.09)	† (†)	4.1 ! (1.26)	1.2 (0.22)	
Food preparation and serving.....	2.2 (0.06)	2.1 (0.09)	2.3 (0.07)	2.2 (0.07)	2.3 (0.22)	3.0 (0.22)	1.5 (0.14)	† (†)	3.2 ! (1.25)	3.1 (0.50)	
Building and grounds cleaning and maintenance.....	0.5 (0.03)	0.8 (0.05)	0.3 (0.03)	0.5 (0.03)	0.6 (0.11)	1.0 (0.12)	0.1 ! (0.04)	† (†)	† (†)	† (†)	
Personal care and service.....	1.9 (0.05)	1.0 (0.05)	2.6 (0.08)	1.8 (0.06)	2.4 (0.22)	2.2 (0.16)	1.2 (0.12)	† (†)	2.4 ! (0.84)	2.2 (0.40)	
Sales and related.....	8.1 (0.09)	9.9 (0.16)	6.6 (0.11)	8.6 (0.12)	7.7 (0.37)	7.8 (0.33)	5.6 (0.29)	15.7 ! (5.16)	13.2 (2.28)	7.6 (0.61)	
Office and administrative support.....	9.3 (0.10)	6.8 (0.13)	11.5 (0.16)	8.7 (0.12)	13.5 (0.49)	12.2 (0.39)	6.9 (0.27)	20.0 (5.38)	10.6 (2.09)	10.7 (0.81)	
Farming, fishing, and forestry.....	0.1 (0.01)	0.2 (0.02)	0.1 (0.01)	0.2 (0.02)	0.1 ! (0.03)	0.2 (0.05)	† (†)	† (†)	† (†)	0.2 ! (0.08)	
Construction and extraction.....	0.8 (0.03)	1.6 (0.06)	0.1 (0.02)	0.9 (0.04)	0.5 (0.10)	1.2 (0.15)	0.1 (0.03)	† (†)	† (†)	0.7 (0.18)	
Installation, maintenance, and repair.....	0.7 (0.04)	1.4 (0.08)	0.1 (0.02)	0.7 (0.04)	0.7 (0.12)	1.0 (0.15)	0.4 (0.08)	† (†)	1.7 ! (0.69)	0.9 ! (0.31)	
Production.....	1.4 (0.04)	2.1 (0.07)	0.8 (0.05)	1.4 (0.06)	1.7 (0.20)	1.6 (0.13)	1.3 (0.12)	† (†)	1.6 ! (0.77)	1.4 (0.28)	
Transportation and material moving.....	1.3 (0.04)	2.3 (0.08)	0.4 (0.03)	1.1 (0.04)	2.4 (0.25)	1.9 (0.17)	1.0 (0.14)	7.4 ! (2.75)	† (†)	1.1 (0.24)	
Military-specific.....	† (†)	† (†)	† (†)	† (†)	† (†)	† (†)	† (†)	† (†)	† (†)	† (†)	
<b>Class of worker<sup>1</sup>.....</b>	<b>100.0 (†)</b>	<b>100.0 (†)</b>	<b>100.0 (†)</b>	<b>100.0 (†)</b>	<b>100.0 (†)</b>	<b>100.0 (†)</b>	<b>100.0 (†)</b>	<b>100.0 (†)</b>	<b>100.0 (†)</b>	<b>100.0 (†)</b>	
Private for-profit wage and salary.....	66.1 (0.15)	72.8 (0.24)	60.3 (0.23)	65.2 (0.20)	62.6 (0.64)	65.7 (0.63)	75.1 (0.47)	65.5 (5.32)	54.7 (2.58)	64.2 (1.19)	
Employee of private company.....	64.4 (0.15)	70.5 (0.24)	59.1 (0.23)	63.3 (0.21)	61.3 (0.66)	64.3 (0.65)	73.6 (0.46)	64.4 (5.28)	53.8 (2.68)	63.0 (1.17)	
Self-employed in own incorporated business.....	1.7 (0.05)	2.3 (0.09)	1.2 (0.05)	1.9 (0.06)	1.3 (0.17)	1.4 (0.15)	1.5 (0.16)	† (†)	† (†)	1.2 (0.22)	
Private nonprofit wage and salary.....	12.8 (0.13)	9.1 (0.16)	16.1 (0.19)	13.4 (0.16)	12.2 (0.48)	12.0 (0.42)	10.7 (0.31)	11.9 ! (3.87)	16.3 (2.30)	14.2 (0.72)	
Government.....	18.1 (0.13)	15.1 (0.18)	20.8 (0.20)	18.3 (0.15)	23.4 (0.56)	19.7 (0.54)	12.2 (0.39)	20.5 (4.95)	26.3 (2.65)	17.5 (0.90)	
Local.....	8.3 (0.08)	6.1 (0.13)	10.3 (0.14)	8.6 (0.11)	10.3 (0.42)	9.9 (0.37)	4.1 (0.22)	8.6 ! (3.42)	12.8 (2.04)	7.7 (0.51)	
State.....	7.1 (0.09)	5.9 (0.13)	8.1 (0.12)	7.2 (0.10)	8.2 (0.36)	6.7 (0.35)	5.8 (0.30)	10.7 ! (3.92)	7.0 (1.38)	6.2 (0.56)	
Federal.....	2.8 (0.06)	3.1 (0.10)	2.4 (0.08)	2.5 (0.07)	4.8 (0.28)	3.1 (0.22)	2.2 (0.14)	† (†)	6.5 (1.27)	3.5 (0.46)	
Self-employed in own nonincorporated business.....	2.8 (0.05)	2.9 (0.09)	2.7 (0.06)	3.1 (0.1)	1.6 (0.16)	2.5 (0.20)	2.0 (0.14)	2.1 ! (0.98)	2.3 ! (0.84)	4.1 (0.51)	
Unpaid family.....	0.1 (0.01)	0.1 (0.02)	0.1 (0.01)	0.1 (0.01)	0.1 ! (0.06)	0.2 ! (0.05)	# (†)	† (†)	† (†)	† (†)	

See notes at end of table.

**Table 505.15. Number, percentage distribution, and median annual earnings of 25- to 34-year-olds with a bachelor's or higher degree, by sex, race/ethnicity, and selected employment and occupational characteristics: 2015—Continued**

[Standard errors appear in parentheses]

Selected employment or occupational characteristic	Sex			Race/ethnicity																
	Total	Male	Female	White	Black	Hispanic	Asian	Pacific Islander	American Indian/ Alaska Native	Two or more races										
1	2	3	4	5	6	7	8	9	10	11										
Median annual earnings (in current dollars)																				
<b>All 25- to 34-year-old bachelor's degree holders who were full-time year-round workers<sup>2</sup></b>	<b>\$50,040</b>	<b>(4)</b>	<b>\$56,830</b>	<b>(380)</b>	<b>\$46,990</b>	<b>(213)</b>	<b>\$50,060</b>	<b>(4)</b>	<b>\$42,010</b>	<b>(755)</b>	<b>\$45,040</b>	<b>(220)</b>	<b>\$63,550</b>	<b>(918)</b>	<b>\$43,320</b>	<b>(2,706)</b>	<b>\$41,770</b>	<b>(2,727)</b>	<b>\$49,930</b>	<b>(116)</b>
<b>Major occupation group<sup>1</sup></b>																				
Management.....	59,600	(99)	65,040	(915)	54,550	(255)	59,640	(107)	50,370	(1,774)	56,910	(1,748)	69,390	(955)	33,590	(4,790)	65,670	(10,842)	59,410	(2,135)
Business and financial operations.....	57,980	(428)	62,040	(681)	52,920	(874)	58,800	(933)	49,790	(1,745)	49,970	(690)	66,040	(1,673)	58,730	(14,901)	46,750	(1,860)	59,050	(2,031)
Computer and mathematical.....	69,930	(86)	71,820	(762)	64,670	(574)	66,890	(1,509)	59,160	(2,428)	60,070	(3,469)	79,680	(145)	48,720	(6,065)	51,220 !	(17,181)	69,330	(3,996)
Architecture and engineering.....	70,020	(372)	71,240	(845)	68,170	(1,376)	70,030	(479)	64,920	(4,290)	66,730	(2,612)	73,150	(1,593)	+	(†)	51,010	(11,743)	77,660	(5,508)
Life, physical, and social sciences.....	48,180	(1,085)	49,710	(699)	47,930	(764)	49,000	(1,029)	50,080	(2,436)	42,920	(1,423)	49,480	(1,494)	+	(†)	+	(†)	50,600	(5,755)
Community and social services.....	39,040	(599)	39,630	(292)	38,880	(563)	39,510	(625)	36,920	(1,229)	39,970	(679)	43,080	(3,726)	+	(†)	33,120	(2,781)	38,250	(1,603)
Legal.....	69,240	(1,031)	73,940	(2,548)	64,010	(2,447)	70,090	(3,307)	59,280	(3,008)	51,660	(2,464)	69,110	(2,644)	+	(†)	+	(†)	63,550	(6,999)
Education, training, and library.....	41,030	(296)	41,960	(843)	41,000	(165)	41,960	(801)	39,820	(257)	43,310	(667)	38,750	(1,771)	41,570	(4,819)	32,040	(3,214)	39,660	(1,437)
Arts, design, entertainment, sports, and media.....	47,790	(1,112)	48,060	(1,634)	46,050	(1,456)	46,050	(1,303)	45,560	(3,449)	46,300	(2,095)	54,400	(2,440)	46,180 !	(16,140)	43,510	(9,023)	52,600	(5,724)
Healthcare practitioners and technicians.....	59,550	(59)	60,030	(1,157)	58,010	(1,044)	59,520	(428)	54,360	(1,341)	56,470	(2,104)	63,450	(1,572)	87,210	(12,242)	48,480 !	(22,691)	59,090	(3,502)
Healthcare support.....	30,040	(1,222)	33,100	(3,054)	29,850	(733)	31,580	(1,464)	29,870	(987)	28,360	(3,742)	30,360	(2,960)	+	(†)	25,870	(6,774)	27,150	(4,248)
Protective service.....	50,000	(943)	51,520	(1,177)	47,720	(3,012)	52,020	(1,614)	39,800	(2,180)	59,440	(3,340)	49,140 !	(15,869)	+	(†)	33,690	(4,622)	41,600	(4,876)
Food preparation and serving.....	28,500	(1,052)	29,480	(963)	27,760	(2,358)	29,540	(1,092)	22,940	(3,161)	24,850	(1,533)	29,160	(1,925)	+	(†)	22,700	(5,121)	36,670	(4,532)
Building and grounds cleaning and maintenance.....	31,970	(1,543)	33,970	(762)	22,420	(3,087)	33,950	(898)	29,870	(1,684)	23,340	(1,116)	+	(†)	+	(†)	+	(†)	+	(†)
Personal care and service.....	29,750	(1,001)	32,370	(3,081)	27,490	(860)	29,260	(298)	24,520	(1,248)	29,830	(608)	28,200	(4,019)	+	(†)	19,580	(2,963)	27,400	(4,866)
Sales and related.....	50,000	(48)	55,130	(1,115)	45,880	(1,542)	54,300	(288)	38,770	(1,294)	43,520	(1,761)	50,020	(1,727)	51,140	(6,963)	49,160	(8,934)	48,360	(1,876)
Office and administrative support.....	37,960	(481)	39,960	(223)	35,980	(304)	39,380	(741)	32,980	(1,264)	35,890	(761)	39,750	(514)	38,620 !	(13,634)	32,430	(4,118)	36,300	(2,380)
Farming, fishing, and forestry.....	34,050	(2,516)	34,750	(2,302)	29,470	(3,455)	34,440	(878)	+	(†)	20,290	(931)	+	(†)	+	(†)	+	(†)	27,380 !	(10,020)
Construction and extraction.....	44,060	(2,223)	44,320	(1,463)	36,430	(8,582)	45,340	(3,134)	39,090	(4,798)	29,410	(2,961)	41,990 !	(13,495)	+	(†)	49,400	(11,216)	46,780	(4,519)
Installation, maintenance, and repair.....	44,940	(1,759)	46,500	(2,329)	39,560	(928)	49,860	(2,734)	39,230	(608)	40,040	(2,599)	55,330	(8,323)	+	(†)	38,270	(5,914)	29,480	(6,106)
Production.....	41,230	(1,495)	44,780	(994)	34,560	(1,297)	43,520	(2,177)	34,730	(1,916)	35,280	(6,070)	36,360	(7,006)	+	(†)	+	(†)	49,530	(6,391)
Transportation and material moving.....	39,940	(241)	40,550	(1,194)	34,100	(3,627)	46,820	(2,908)	33,250	(4,579)	29,190	(2,523)	30,020	(4,537)	29,600	(4,926)	+	(†)	+	(†)
Military-specific.....	+	(†)	+	(†)	+	(†)	+	(†)	+	(†)	+	(†)	+	(†)	+	(†)	+	(†)	+	(†)
<b>Class of worker<sup>1</sup></b>																				
Private for-profit wage and salary.....	54,900	(21)	60,000	(16)	49,970	(21)	54,960	(23)	40,880	(1,296)	45,050	(1,093)	67,230	(1,067)	43,020	(4,561)	46,990	(4,208)	51,840	(1,663)
Employee of private company.....	54,900	(20)	60,000	(16)	49,970	(7)	54,960	(23)	40,820	(1,204)	45,040	(619)	67,670	(1,463)	42,690	(4,615)	46,920	(5,383)	52,280	(1,938)
Self-employed in own incorporated business.....	54,520	(2,812)	60,070	(5,562)	45,450	(3,431)	59,100	(4,153)	46,400	(7,480)	48,740	(2,954)	49,570	(6,220)	+	(†)	+	(†)	34,320	(5,568)
Private nonprofit wage and salary.....	46,790	(937)	49,020	(795)	45,030	(281)	46,060	(1,051)	42,890	(1,611)	44,050	(836)	52,820	(1,796)	47,670	(8,224)	37,800	(7,958)	45,380	(4,195)
Government.....	46,980	(562)	50,030	(14)	44,980	(94)	46,970	(868)	44,460	(482)	46,910	(996)	50,050	(1,651)	38,490	(3,279)	39,080	(2,366)	47,770	(2,250)
Local.....	45,560	(781)	49,970	(1,065)	44,970	(448)	45,050	(663)	44,010	(1,509)	46,980	(1,217)	50,000	(1,574)	38,840	(3,362)	41,780	(2,835)	47,010	(2,238)
State.....	43,010	(130)	45,840	(1,030)	41,980	(26)	43,050	(583)	41,170	(1,082)	42,960	(701)	46,800	(2,445)	35,020	(6,473)	33,130	(1,673)	40,050	(648)
Federal.....	63,770	(1,323)	66,750	(2,161)	59,650	(460)	64,930	(1,169)	54,140	(2,146)	58,210	(4,597)	69,520	(1,408)	+	(†)	37,540	(5,202)	64,380	(4,448)
Self-employed in own nonincorporated business.....	39,270	(261)	41,980	(2,488)	30,970	(1,856)	39,890	(763)	31,980	(2,498)	28,430	(1,331)	27,840	(2,785)	+	(†)	+	(†)	41,840	(3,317)
Unpaid family.....	29,100	(5,597)	28,160	(6,897)	25,180 !	(8,716)	39,430	(7,419)	28,620	(6,529)	6,380 !	(2,297)	+	(†)	+	(†)	+	(†)	+	(†)

†Not applicable.

#Rounds to zero.

!Interpret data with caution. The coefficient of variation (CV) for this estimate is between 30 and 50 percent.

‡Reporting standards not met. Either there are too few cases for a reliable estimate or the coefficient of variation (CV) is 50 percent or greater.

<sup>1</sup>Estimates by major occupation group and class of worker are restricted to individuals currently employed.

<sup>2</sup>Estimates of median annual earnings are restricted to individuals working full time and year round.

NOTE: Estimates are for the entire population of civilian 25- to 34-year-old bachelor's degree holders, including persons living in households and persons living in group quarters (such as college residence halls, residential treatment centers, and correctional facilities). Standard errors were computed using replicate weights. Detail may not sum to totals because of rounding. Totals include other racial/ethnic groups not separately shown. Race categories exclude persons of Hispanic ethnicity.

SOURCE: U.S. Department of Commerce, Census Bureau, American Community Survey (ACS), 2015. (This table was prepared July 2017.)

**Table 505.40. Percentage distribution of recipients of bachelor's degrees in various fields of study 1 year after graduation, by time to completion, enrollment and employment status, and occupation: 2001 and 2009**

[Standard errors appear in parentheses]

Time to completion, enrollment and employment status, and occupation	1999–2000 graduates in 2001, total	2007–08 graduates in 2009													
		Total <sup>1</sup>	Engineering	Biological and physical sciences	Mathematics and computer science	Social sciences	History	Humanities	Health professions	Business and management	Education <sup>2</sup>	Psychology	Public affairs and social services		
1	2	3	4	5	6	7	8	9	10	11	12	13	14		
<b>Total graduates</b> .....	<b>100.0 (t)</b>	<b>100.0 (t)</b>	<b>100.0 (t)</b>	<b>100.0 (t)</b>	<b>100.0 (t)</b>	<b>100.0 (t)</b>	<b>100.0 (t)</b>	<b>100.0 (t)</b>	<b>100.0 (t)</b>	<b>100.0 (t)</b>	<b>100.0 (t)</b>	<b>100.0 (t)</b>	<b>100.0 (t)</b>	<b>100.0 (t)</b>	
Time between high school graduation and degree completion															
4 years or less .....	32.7 (0.83)	40.3 (0.64)	35.5 (2.68)	56.2 (2.24)	36.3 (3.27)	53.4 (2.08)	44.1 (3.78)	50.4 (2.02)	28.9 (2.01)	37.5 (1.53)	32.5 (1.65)	48.9 (2.17)	29.1 (3.42)		
More than 4, up to 5 years .....	22.9 (0.58)	20.7 (0.51)	31.0 (2.58)	17.8 (1.74)	16.9 (2.62)	19.2 (1.62)	20.4 (2.81)	20.7 (1.57)	18.1 (1.41)	17.4 (1.09)	25.5 (1.59)	19.5 (1.73)	16.0 (2.85)		
More than 5, up to 6 years .....	10.8 (0.48)	9.5 (0.35)	11.2 (1.69)	9.8 (1.59)	8.4 (1.79)	7.6 (1.09)	12.2 (2.87)	7.9 (1.01)	8.9 (1.14)	8.0 (0.79)	13.2 (1.34)	7.7 (1.10)	10.4 (2.12)		
More than 6, up to 10 years .....	14.8 (0.59)	13.4 (0.42)	11.1 (1.64)	8.9 (1.21)	13.8 (2.25)	11.9 (1.21)	12.4 (2.87)	12.6 (1.40)	16.3 (1.64)	14.1 (1.01)	13.8 (1.32)	11.8 (1.54)	19.0 (3.09)		
More than 10 years .....	18.8 (0.59)	16.0 (0.52)	11.2 (1.89)	7.3 (1.24)	24.6 (2.58)	7.8 (1.05)	10.9 (2.55)	8.3 (1.02)	27.8 (2.13)	23.1 (1.25)	15.0 (1.41)	12.1 (1.61)	25.5 (2.74)		
Enrollment status															
Enrolled .....	20.8 (0.51)	21.7 (0.47)	22.8 (1.98)	40.9 (2.33)	19.9 (2.58)	23.5 (1.65)	38.1 (3.99)	23.6 (1.48)	23.5 (1.93)	13.9 (1.01)	19.9 (1.36)	36.6 (2.15)	24.3 (3.28)		
Not enrolled .....	79.2 (0.51)	78.3 (0.47)	77.2 (1.98)	59.1 (2.33)	80.1 (2.58)	76.5 (1.65)	61.9 (3.99)	76.4 (1.48)	76.5 (1.93)	86.1 (1.01)	80.1 (1.36)	63.4 (2.15)	75.7 (3.28)		
Employment status															
Employed .....	87.4 (0.46)	83.8 (0.49)	88.4 (1.54)	69.6 (1.92)	88.9 (1.88)	78.9 (1.72)	74.9 (3.93)	79.4 (1.58)	86.6 (1.64)	88.1 (0.95)	90.2 (1.12)	79.7 (1.91)	81.2 (2.92)		
Full time .....	76.5 (0.52)	65.0 (0.62)	76.1 (2.12)	49.0 (2.38)	75.1 (2.67)	61.2 (1.94)	46.1 (4.35)	47.6 (2.12)	68.5 (1.86)	76.7 (1.18)	70.7 (1.74)	46.6 (2.40)	69.8 (3.44)		
Part time .....	10.9 (0.40)	18.8 (0.48)	12.3 (1.88)	20.7 (1.84)	13.8 (2.11)	17.6 (1.72)	28.8 (3.66)	31.9 (1.72)	18.0 (1.59)	11.4 (0.92)	19.4 (1.54)	33.1 (2.33)	11.4 (2.15)		
Unemployed <sup>3</sup> .....	6.1 (0.33)	9.2 (0.38)	6.7 (1.15)	7.2 (1.06)	5.8 (1.28)	11.3 (1.32)	14.5 (3.24)	11.8 (1.32)	6.4 (1.07)	8.5 (0.83)	5.1 (0.76)	10.2 (1.42)	13.5 (2.63)		
Not in labor force <sup>4</sup> .....	6.4 (0.35)	7.0 (0.31)	4.9 (1.08)	23.1 (1.99)	5.3 (1.51)	9.9 (1.32)	10.6 (2.39)	8.8 (1.03)	7.0 (1.27)	3.4 (0.51)	4.7 (0.91)	10.0 (1.44)	5.2 (1.52)		
Unemployment rate (labor force participants only) <sup>5</sup> .....	6.5 (—)	9.9 (—)	7.0 (—)	9.4 (—)	6.1 (—)	12.5 (—)	16.2 (—)	12.9 (—)	6.9 (—)	8.8 (—)	5.4 (—)	11.3 (—)	14.3 (—)		
<b>Total employed</b> .....	<b>100.0 (t)</b>	<b>100.0 (t)</b>	<b>100.0 (t)</b>	<b>100.0 (t)</b>	<b>100.0 (t)</b>	<b>100.0 (t)</b>	<b>100.0 (t)</b>	<b>100.0 (t)</b>	<b>100.0 (t)</b>	<b>100.0 (t)</b>	<b>100.0 (t)</b>	<b>100.0 (t)</b>	<b>100.0 (t)</b>		
Occupation															
Administrative/clerical .....	4.5 (0.28)	2.6 (0.21)	‡ (t)	1.9 ! (0.61)	‡ (t)	4.1 (0.88)	4.6 ! (2.17)	4.9 (1.01)	‡ (t)	2.6 (0.51)	‡ (t)	2.9 (0.65)	5.8 ! (2.10)		
Arts/communications .....	4.2 (0.30)	4.5 (0.32)	2.3 ! (1.09)	‡ (t)	1.6 ! (0.65)	3.0 ! (0.92)	‡ (t)	14.4 (1.54)	‡ (t)	1.3 (0.37)	1.0 ! (0.35)	‡ (t)	# (t)		
Business															
Management .....	12.5 (0.47)	8.4 (0.41)	10.8 (2.08)	3.2 ! (0.96)	3.4 ! (1.24)	9.5 (1.45)	5.0 ! (1.83)	4.8 (0.99)	5.1 (1.10)	14.5 (1.08)	1.6 (0.45)	6.9 (1.43)	11.1 (2.98)		
Nonmanagement .....	15.1 (0.58)	21.1 (0.61)	7.0 (1.54)	10.5 (1.63)	17.0 (2.82)	26.3 (2.05)	19.5 (3.67)	15.8 (1.93)	6.4 (1.14)	43.5 (1.76)	4.0 (0.76)	16.8 (1.98)	11.6 (2.91)		
Computer information systems/mathematics <sup>6</sup> .....	6.8 (0.34)	4.6 (0.27)	7.0 (1.19)	‡ (t)	50.6 (3.28)	3.0 (0.89)	‡ (t)	1.0 ! (0.39)	‡ (t)	4.6 (0.69)	0.6 ! (0.27)	1.8 ! (0.77)	# (t)		
Construction/trade/transportation .....	3.1 (0.26)	3.3 (0.23)	5.0 (1.22)	2.5 (0.72)	2.0 ! (0.70)	2.2 (0.61)	5.1 ! (2.51)	4.2 (1.01)	‡ (t)	4.2 (0.59)	0.9 ! (0.31)	1.7 (0.50)	‡ (t)		
Education .....	18.1 (0.52)	15.6 (0.43)	5.2 (1.26)	16.3 (2.12)	12.5 (2.01)	11.4 (1.45)	27.9 (3.49)	19.1 (1.74)	3.5 (0.72)	3.1 (0.55)	78.7 (1.61)	12.7 (1.41)	13.1 (2.69)		
Engineering/engineering technician/science professions .....	8.4 (0.33)	6.2 (0.30)	55.6 (3.02)	28.8 (2.39)	2.2 ! (0.93)	1.0 ! (0.38)	‡ (t)	0.8 ! (0.32)	‡ (t)	1.3 (0.35)	0.2 ! (0.09)	1.7 ! (0.74)	# (t)		
Health professions .....	7.8 (0.26)	8.6 (0.30)	1.1 ! (0.53)	13.5 (1.62)	‡ (t)	3.3 (0.84)	3.7 ! (1.68)	2.4 ! (0.78)	74.4 (2.00)	1.2 (0.32)	1.2 ! (0.48)	7.0 (1.38)	2.3 ! (1.06)		
Military/protective service .....	2.4 (0.20)	2.9 (0.24)	1.6 ! (0.72)	2.9 ! (0.89)	2.3 ! (1.12)	6.3 (1.08)	6.5 ! (2.23)	0.9 ! (0.39)	‡ (t)	2.4 (0.46)	0.8 ! (0.35)	1.8 ! (0.69)	7.0 ! (2.79)		
Sales .....	6.8 (0.31)	7.9 (0.40)	2.1 (0.61)	7.4 (1.78)	1.6 ! (0.70)	7.4 (1.29)	8.9 ! (3.28)	9.8 (1.34)	1.9 ! (0.68)	12.9 (1.12)	1.7 (0.44)	7.4 (1.37)	5.5 ! (2.21)		
Other occupations .....	10.2 (0.42)	14.3 (0.43)	2.0 ! (0.65)	10.9 (1.65)	4.3 ! (1.40)	22.4 (2.16)	13.0 (2.53)	21.8 (1.77)	4.6 (0.87)	8.8 (1.08)	9.2 (1.22)	38.5 (2.19)	42.4 (4.03)		

—Not available.

‡Not applicable.

#Rounds to zero.

!Interpret data with caution. The coefficient of variation (CV) for this estimate is between 30 and 50 percent.

‡Reporting standards not met. The coefficient of variation (CV) for this estimate is 50 percent or greater.

<sup>1</sup>Includes graduates in other fields not separately shown.

<sup>2</sup>Includes graduates who have not finished all requirements for teaching certification or were previously qualified to teach.

<sup>3</sup>Percentage of all graduates who are not employed, but are looking for work.

<sup>4</sup>Percentage of all graduates who are neither employed nor looking for work.

<sup>5</sup>The labor force is made up of persons who are employed and persons who are not employed but are looking for work. (It does not include those who are neither employed nor looking for work.) The unemployment rate is the percentage of labor force participants who are not employed but are actively seeking work.

<sup>6</sup>For 2001, does not include mathematics professions.

NOTE: Data exclude bachelor's degree recipients from U.S. Service Academies, deceased graduates, and graduates living at foreign addresses at the time of the survey. Detail may not sum to totals because of rounding.

SOURCE: U.S. Department of Education, National Center for Education Statistics, 2000/01 and 2008/09 Baccalaureate and Beyond Longitudinal Study (B&B:2000/01 and B&B:08/09). (This table was prepared August 2011.)

**Table 505.50. Percentage, selected employment characteristics, and annual salaries of bachelor's degree recipients employed full time 1 year after graduation, by field of study: 1991, 2001, and 2009**  
 [Standard errors appear in parentheses]

Selected employment characteristic and annual salary	All fields of study <sup>1</sup>	Engineering	Biological and physical sciences <sup>2</sup>	Mathematics and computer science <sup>2</sup>	Social sciences and history	Humanities	Health professions	Business and management	Education <sup>3</sup>	Psychology	Public affairs and social services
1	2	3	4	5	6	7	8	9	10	11	12
<b>Employment characteristics</b>											
Percent of recipients employed full time											
1989–90 recipients in June 1991	73.8 (0.36)	85.2 (0.95)	50.6 (1.72)	71.2 (1.30)	66.2 (0.94)	59.2 (1.32)	80.9 (1.35)	83.2 (0.57)	77.0 (0.74)	59.8 (1.64)	77.0 (2.06)
1999–2000 recipients in July 2001	76.5 (0.52)	86.0 (1.77)	58.6 (2.04)	83.7 (2.06)	68.3 (1.88)	67.5 (1.65)	74.8 (1.50)	85.5 (1.27)	84.0 (1.29)	64.0 (2.64)	85.1 (2.25)
2007–08 recipients in June 2009	65.0 (0.62)	76.1 (2.12)	49.0 (2.38)	75.1 (2.67)	58.0 (1.81)	50.4 (1.82)	68.5 (1.86)	77.2 (1.20)	70.6 (1.75)	46.6 (2.40)	69.8 (3.44)
Percent of full-time employees looking for a different job <sup>4</sup>											
1989–90 recipients in June 1991	21.5 (0.35)	12.9 (1.05)	21.0 (1.95)	16.6 (1.08)	24.5 (1.20)	25.8 (1.44)	9.2 (1.10)	20.7 (0.78)	25.5 (0.92)	21.8 (1.57)	26.8 (2.36)
1999–2000 recipients in July 2001	24.6 (0.66)	19.2 (2.30)	22.9 (2.64)	18.3 (2.36)	27.1 (2.06)	28.3 (2.13)	20.9 (1.93)	24.4 (1.51)	17.4 (1.45)	23.9 (2.54)	25.8 (2.80)
2007–08 recipients in June 2009	31.2 (0.74)	20.2 (2.53)	28.5 (3.47)	27.7 (3.37)	35.3 (2.47)	39.2 (2.56)	21.8 (2.40)	32.0 (1.61)	23.6 (1.78)	37.3 (2.99)	30.4 (4.86)
Percent of full-time employees in job closely related to field of study											
1989–90 recipients in June 1991	52.5 (0.55)	57.5 (1.24)	49.4 (2.31)	66.4 (1.34)	20.2 (1.12)	32.2 (2.07)	88.2 (2.10)	49.8 (0.79)	79.2 (0.89)	40.3 (2.13)	57.6 (2.56)
1999–2000 recipients in July 2001	56.1 (0.65)	70.0 (3.35)	48.6 (3.00)	72.7 (2.58)	28.7 (2.03)	41.5 (2.16)	77.5 (2.45)	58.7 (1.67)	84.3 (1.68)	40.1 (3.65)	61.2 (3.11)
2007–08 recipients in June 2009	49.7 (0.78)	61.3 (2.86)	49.0 (3.36)	61.9 (3.57)	21.6 (2.07)	27.6 (2.56)	81.7 (2.10)	49.3 (1.76)	82.0 (1.68)	26.6 (3.04)	57.2 (4.93)
<b>Annual salaries of full-time employees<sup>5</sup></b>											
Average salary, in current dollars											
1989–90 recipients in June 1991	\$23,600 (180)	\$30,900 (390)	\$21,100 (410)	\$27,200 (400)	\$22,100 (330)	\$19,100 (350)	\$31,500 (860)	\$24,700 (330)	\$19,100 (140)	\$19,200 (310)	\$20,900 (470)
1999–2000 recipients in July 2001	35,400 (300)	47,900 (840)	31,000 (710)	47,400 (1,080)	33,000 (700)	30,100 (690)	39,400 (1,110)	41,000 (860)	27,600 (370)	28,800 (990)	30,400 (1,030)
2007–08 recipients in June 2009	40,100 (340)	53,900 (1,080)	34,600 (1,220)	48,800 (1,570)	36,600 (980)	31,100 (780)	49,100 (1,290)	44,200 (890)	33,000 (490)	30,600 (910)	35,000 (1,700)
Average salary, in constant 2016 dollars											
1989–90 recipients in June 1991	\$41,700 (320)	\$54,500 (690)	\$37,100 (730)	\$47,900 (700)	\$38,900 (590)	\$33,600 (620)	\$55,400 (1,510)	\$43,600 (580)	\$33,700 (240)	\$33,800 (550)	\$36,800 (820)
1999–2000 recipients in July 2001	48,000 (400)	65,000 (1,140)	42,000 (970)	64,300 (1,460)	44,700 (950)	40,800 (940)	53,500 (1,500)	55,600 (1,170)	37,400 (500)	39,100 (1,340)	41,200 (1,400)
2007–08 recipients in June 2009	44,800 (380)	60,300 (1,210)	38,700 (1,360)	54,600 (1,760)	40,900 (1,100)	34,800 (870)	55,000 (1,440)	49,400 (1,000)	36,900 (550)	34,200 (1,020)	39,200 (1,900)
Percent change in average salary, in constant 2016 dollars											
1991 to 2009	7.6 (—)	10.6 (—)	4.4 (—)	14.1 (—)	5.1 (—)	3.5 (—)	-0.8 (—)	13.2 (—)	9.5 (—)	1.5 (—)	6.6 (—)
1991 to 2001	15.2 (—)	19.2 (—)	13.2 (—)	34.3 (—)	14.7 (—)	21.4 (—)	-3.6 (—)	27.4 (—)	11.2 (—)	15.8 (—)	12.1 (—)
2001 to 2009	-6.6 (—)	-7.2 (—)	-7.7 (—)	-15.0 (—)	-8.4 (—)	-14.7 (—)	2.8 (—)	-11.1 (—)	-1.5 (—)	-12.4 (—)	-4.9 (—)
Median salary, in current dollars											
1989–90 recipients in June 1991	\$21,800 (210)	\$31,900 (470)	\$20,000 (430)	\$27,000 (510)	\$20,300 (250)	\$18,500 (360)	\$30,400 (760)	\$23,000 (300)	\$19,500 (220)	\$18,100 (320)	\$18,600 (410)
1999–2000 recipients in July 2001	32,000 (90)	47,800 (880)	29,800 (470)	46,100 (1,990)	29,900 (360)	28,600 (700)	35,500 (770)	36,800 (700)	27,900 (410)	27,700 (1,180)	27,900 (710)
2007–08 recipients in June 2009	36,000 (220)	54,000 (900)	32,500 (1,570)	45,000 (1,830)	34,600 (920)	29,000 (1,060)	45,900 (920)	40,000 (300)	33,800 (570)	29,300 (1,040)	32,000 (1,430)
Median salary, in constant 2016 dollars											
1989–90 recipients in June 1991	\$38,400 (370)	\$56,200 (830)	\$35,200 (750)	\$47,500 (900)	\$35,700 (440)	\$32,500 (630)	\$53,600 (1,340)	\$40,500 (530)	\$34,400 (390)	\$31,900 (570)	\$32,800 (720)
1999–2000 recipients in July 2001	43,300 (120)	64,800 (1,200)	40,400 (640)	62,500 (2,690)	40,500 (480)	38,800 (950)	48,100 (1,050)	49,900 (950)	37,900 (560)	37,600 (1,600)	37,900 (970)
2007–08 recipients in June 2009	40,300 (250)	60,400 (1,000)	36,300 (1,760)	50,300 (2,050)	38,700 (1,020)	32,400 (1,190)	51,400 (1,030)	44,700 (330)	37,800 (640)	32,800 (1,170)	35,800 (1,600)
Percent change in median salary, in constant 2016 dollars											
1991 to 2009	4.9 (—)	7.5 (—)	3.2 (—)	6.0 (—)	8.5 (—)	-0.3 (—)	-4.1 (—)	10.5 (—)	10.0 (—)	2.8 (—)	9.2 (—)
1991 to 2001	12.8 (—)	15.4 (—)	14.9 (—)	31.5 (—)	13.5 (—)	19.1 (—)	-10.2 (—)	23.2 (—)	10.1 (—)	17.9 (—)	15.4 (—)
2001 to 2009	-7.0 (—)	-6.8 (—)	-10.1 (—)	-19.4 (—)	-4.5 (—)	-16.3 (—)	6.9 (—)	-10.3 (—)	-0.1 (—)	-12.7 (—)	-5.4 (—)

—Not available.

<sup>1</sup>Includes graduates in other fields not separately shown.

<sup>2</sup>For 1991, physical sciences not included in column 4 with biological sciences; instead, they are included in column 5 with mathematics and computer science.

<sup>3</sup>Most educators work 9- to 10-month contracts.

<sup>4</sup>In 1991, respondents were asked whether they were "looking for a different principal job." In 2001 and 2009, they were asked whether they were "looking for a different job" (instead of "a different principal job").

<sup>5</sup>In all years, reported salaries of full-time workers under \$1,000 were excluded from the tabulations. In addition, salaries reported as above \$500,000 were set to \$500,000 in 2001, and salaries reported as above \$250,000 were set to \$250,000 in 2009. In all years, only a tiny fraction of reported full-time salaries were either below \$1,000 or above \$250,000.

NOTE: Data exclude bachelor's degree recipients from U.S. Service Academies, deceased graduates, and graduates living at foreign addresses at the time of the survey. Constant dollars based on the Consumer Price Index, prepared by the Bureau of Labor Statistics, U.S. Department of Labor. Some data have been revised from previously published figures.

SOURCE: U.S. Department of Education, National Center for Education Statistics, "Recent College Graduates" survey, 1991; and 2000/01 and 2008/09 Baccalaureate and Beyond Longitudinal Study (B&B:2000/01 and B&B:08/09). (This table was prepared September 2017.)

**Table 507.15. Average literacy and numeracy scale scores and percentage distribution of 25- to 65-year-olds, by proficiency level and selected characteristics: 2012/2014**

[Standard errors appear in parentheses]

Selected characteristic	Literacy							Numeracy						
	Average scale score <sup>1</sup>	Percentage distribution, by proficiency level <sup>2</sup>					Average scale score <sup>1</sup>	Percentage distribution, by proficiency level <sup>2</sup>						
		Below level 1	Level 1	Level 2	Level 3	Level 4/5		Below level 1	Level 1	Level 2	Level 3	Level 4/5		
1	2	3	4	5	6	7	8	9	10	11	12	13		
<b>Total</b> .....	<b>271 (1.0)</b>	<b>4.8 (0.50)</b>	<b>13.6 (0.64)</b>	<b>31.8 (0.94)</b>	<b>36.0 (1.02)</b>	<b>13.9 (0.75)</b>	<b>258 (1.2)</b>	<b>8.5 (0.53)</b>	<b>18.7 (0.75)</b>	<b>32.7 (0.97)</b>	<b>29.5 (1.01)</b>	<b>10.6 (0.76)</b>		
<b>Sex</b>														
Male .....	273 (1.2)	4.5 (0.60)	13.9 (1.10)	31.3 (1.63)	35.0 (1.41)	15.2 (1.06)	266 (1.4)	6.7 (0.67)	16.7 (1.08)	30.5 (1.36)	31.5 (1.33)	14.6 (1.04)		
Female .....	270 (1.3)	5.0 (0.70)	13.3 (0.79)	32.2 (1.18)	36.9 (1.34)	12.6 (0.90)	250 (1.4)	10.2 (0.84)	20.5 (0.99)	34.7 (1.45)	27.7 (1.23)	7.0 (0.83)		
<b>Age</b>														
25 to 34 .....	281 (1.8)	2.9 (0.49)	10.2 (1.02)	29.8 (1.40)	39.5 (1.66)	17.6 (1.51)	267 (1.9)	5.7 (0.72)	16.0 (1.25)	32.0 (1.60)	33.2 (1.75)	13.0 (1.35)		
35 to 44 .....	275 (1.8)	3.6 (0.86)	12.6 (1.49)	31.6 (2.19)	35.7 (1.81)	16.5 (1.59)	261 (1.6)	7.2 (0.91)	18.9 (1.48)	31.7 (1.72)	30.0 (1.66)	12.1 (1.31)		
45 to 54 .....	267 (1.7)	6.4 (0.95)	14.7 (1.41)	31.4 (1.71)	35.4 (1.90)	12.2 (1.06)	253 (2.1)	10.8 (1.19)	19.4 (1.58)	32.7 (1.97)	27.1 (2.09)	10.0 (1.28)		
55 to 65 .....	262 (1.5)	6.1 (0.98)	16.9 (1.67)	34.3 (1.81)	33.2 (1.83)	9.4 (1.23)	252 (1.8)	10.0 (1.11)	20.4 (1.69)	34.1 (1.80)	27.9 (1.85)	7.5 (1.08)		
<b>Race/ethnicity</b>														
White .....	285 (1.1)	1.5 (0.29)	8.1 (0.58)	30.2 (1.19)	42.3 (1.32)	17.9 (0.96)	273 (1.3)	2.9 (0.45)	13.5 (0.81)	34.0 (1.08)	36.0 (1.15)	13.7 (1.04)		
Black .....	245 (2.4)	7.5 (1.44)	26.3 (2.45)	39.3 (2.28)	23.4 (2.33)	3.6 (0.99)	217 (3.0)	21.3 (2.42)	34.0 (2.34)	32.4 (2.61)	10.8 (1.78)	1.4 ! (0.62)		
Hispanic .....	229 (3.4)	19.1 (2.58)	28.1 (2.55)	31.6 (2.53)	17.6 (2.39)	3.6 ! (1.09)	218 (4.2)	25.2 (2.76)	29.9 (2.51)	27.1 (2.93)	14.8 (2.37)	2.9 ! (0.99)		
Asian/Pacific Islander .....	271 (4.5)	4.9 ! (1.85)	15.0 (3.06)	31.1 (4.18)	34.1 (3.89)	14.9 (3.11)	267 (5.6)	6.0 ! (2.18)	16.8 (3.27)	30.7 (4.75)	32.2 (4.92)	14.4 (3.23)		
Other <sup>3</sup> .....	268 (6.1)	‡ (†)	15.8 ! (5.24)	39.8 (7.24)	30.6 (5.42)	11.3 ! (3.80)	252 (6.2)	8.5 ! (3.65)	25.4 (5.82)	33.7 (6.10)	22.8 (4.79)	9.7 ! (3.55)		
<b>Nativity</b>														
Born in United States .....	278 (1.0)	2.5 (0.33)	11.5 (0.67)	32.3 (1.02)	38.6 (1.15)	15.2 (0.82)	263 (1.2)	6.2 (0.53)	17.5 (0.79)	33.7 (1.01)	31.4 (1.11)	11.2 (0.83)		
Not born in United States .....	238 (3.1)	17.1 (2.29)	24.7 (2.30)	29.3 (2.38)	22.1 (1.84)	6.8 (1.19)	232 (3.7)	20.7 (2.42)	24.7 (2.15)	27.3 (2.36)	19.8 (1.95)	7.5 (1.33)		
<b>Educational attainment</b>														
Less than high school completion .....	209 (2.7)	26.1 (2.81)	35.7 (2.76)	30.2 (2.48)	7.5 (1.34)	# (†)	194 (2.6)	35.9 (2.59)	35.6 (3.07)	23.8 (2.96)	4.3 (1.24)	# (†)		
High school completion <sup>4</sup> .....	260 (1.3)	3.9 (0.59)	17.3 (1.03)	41.2 (1.52)	31.4 (1.33)	6.3 (0.76)	245 (1.6)	8.9 (0.83)	24.6 (1.23)	39.4 (1.43)	22.7 (1.60)	4.4 (0.70)		
Associate's degree .....	284 (2.5)	‡ (†)	6.7 (1.73)	31.6 (2.84)	47.8 (3.20)	12.9 (2.20)	268 (2.9)	2.8 ! (1.23)	13.6 (2.41)	38.8 (3.23)	36.4 (3.33)	8.5 (1.59)		
Bachelor's degree or higher .....	304 (1.6)	0.6 ! (0.27)	3.1 (0.52)	17.9 (1.22)	48.3 (1.70)	30.0 (1.96)	295 (1.8)	1.1 ! (0.33)	5.9 (0.75)	23.2 (1.56)	45.8 (1.76)	24.1 (1.94)		
<b>Employment<sup>5</sup></b>														
Full-time <sup>6</sup> .....	278 (1.2)	3.9 (0.47)	11.0 (0.78)	29.0 (1.22)	39.8 (1.28)	16.3 (1.02)	267 (1.4)	6.2 (0.61)	15.5 (0.91)	31.6 (1.19)	33.6 (1.20)	13.1 (0.95)		
Part-time <sup>7</sup> .....	274 (2.5)	3.2 (0.82)	12.3 (1.87)	33.3 (2.72)	37.5 (2.59)	13.7 (1.74)	259 (3.0)	7.1 (1.24)	18.5 (1.85)	35.4 (2.43)	28.6 (2.29)	10.3 (1.74)		
Unemployed .....	257 (2.4)	5.2 (1.14)	20.3 (2.34)	39.5 (3.28)	28.3 (2.70)	6.7 (1.48)	237 (2.5)	11.7 (2.07)	29.9 (2.84)	35.7 (2.84)	18.4 (2.09)	4.4 (1.08)		
Not in labor force .....	251 (2.3)	9.1 (1.72)	21.6 (2.00)	37.8 (2.05)	23.8 (1.81)	7.7 (1.06)	233 (2.3)	16.7 (1.57)	26.4 (2.00)	32.9 (2.24)	19.4 (1.69)	4.6 (0.86)		
<b>Annual earnings<sup>8</sup></b>														
Bottom quintile .....	262 (3.6)	6.2 (1.48)	17.0 (2.75)	34.6 (3.44)	32.1 (3.49)	10.2 (2.25)	244 (3.8)	12.1 (1.89)	23.8 (2.70)	33.9 (2.90)	23.7 (3.23)	6.6 (1.65)		
Fourth quintile .....	255 (2.5)	8.5 (1.57)	17.5 (2.02)	36.9 (2.40)	29.5 (2.17)	7.5 (1.26)	241 (2.5)	13.6 (2.01)	23.9 (2.33)	35.3 (3.15)	21.4 (2.11)	5.9 (1.12)		
Third quintile .....	270 (2.0)	3.6 (0.91)	13.5 (1.58)	34.2 (2.88)	37.8 (2.61)	11.0 (1.54)	257 (2.1)	5.6 (1.05)	20.0 (1.75)	37.4 (2.66)	29.5 (2.35)	7.4 (1.67)		
Second quintile .....	287 (1.9)	‡ (†)	6.7 (1.24)	30.2 (2.67)	46.4 (2.48)	16.2 (1.82)	275 (2.0)	11.8 (1.87)	11.8 (1.87)	36.6 (2.52)	38.2 (2.60)	11.9 (1.62)		
Top quintile .....	303 (2.2)	1.7 ! (0.65)	3.6 (0.96)	16.9 (2.30)	46.3 (3.04)	31.4 (2.49)	297 (2.5)	2.4 ! (0.72)	5.3 (1.18)	20.5 (2.08)	44.2 (2.34)	27.7 (2.31)		

†Not applicable.

#Rounds to zero.

!Interpret data with caution. The coefficient of variation (CV) for this estimate is between 30 and 50 percent.

‡Reporting standards not met. Either there are too few cases for a reliable estimate or the coefficient of variation (CV) is 50 percent or greater.

<sup>1</sup>Scale ranges from 0 to 500.

<sup>2</sup>Proficiency levels 4 and 5 are combined for reporting purposes. The proficiency levels correspond to the score ranges shown in parentheses: below level 1 (0–175), level 1 (176–225), level 2 (226–275), level 3 (276–325), and level 4/5 (326–500). For details about the proficiency levels as well as specific examples of tasks at each level, see appendix B of *Skills of U.S. Unemployed, Young, and Older Adults in Sharper Focus: Results from the Program for the International Assessment of Adult Competencies (PIAAC) 2012/2014* (NCES 2016-039rev), available at <http://nces.ed.gov/pubs2016/2016039rev.pdf>.

<sup>3</sup>Includes persons of all other races and those of Two or more races.

<sup>4</sup>Includes completion through an equivalency program, such as a GED program.

<sup>5</sup>Excludes those who were employed but did not report the number of hours worked per week.

<sup>6</sup>Full-time employment is defined as working 35 hours or more per week.

<sup>7</sup>Part-time employment is defined as working less than 35 hours per week.

<sup>8</sup>Annual earnings were calculated based on monthly earnings, which include bonuses and self-employment income. Excludes those who reported no earnings.

NOTE: Results in this table are based on combined data from two rounds of U.S. data collection. The first round, completed in 2012, was the main data collection. The second round, completed in 2014, was a supplemental round, conducted to expand the sample of U.S. adults, allowing for more in-depth analysis. Race categories exclude persons of Hispanic ethnicity. Detail may not sum to totals because of rounding.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Program for the International Assessment of Adult Competencies (PIAAC), U.S. PIAAC 2012/2014, retrieved May 9, 2017, from the PIAAC International Data Explorer (<https://nces.ed.gov/surveys/piaac/ideuspiaac/>). (This table was prepared May 2017.)

**Table 507.16. Percentage of 25- to 65-year-olds who were not assessed in the problem solving in technology-rich environments domain and average scale score and percentage distribution of those who were assessed, by proficiency level and selected characteristics: 2012/2014**  
[Standard errors appear in parentheses]

Selected characteristic	Percent not assessed <sup>1</sup>	For those who were assessed <sup>2</sup>					
		Average scale score <sup>3</sup>	Percentage distribution, by proficiency level <sup>4</sup>				
			Below level 1	Level 1	Level 2	Level 3	
1	2	3	4	5	6	7	
<b>Total</b> .....	<b>17.7 (0.90)</b>	<b>272 (1.2)</b>	<b>24.3 (1.19)</b>	<b>40.7 (1.19)</b>	<b>30.0 (1.19)</b>	<b>5.1 (0.53)</b>	
<b>Sex</b>							
Male.....	18.9 (1.21)	274 (1.7)	24.3 (1.69)	37.8 (1.51)	31.8 (1.55)	6.1 (0.73)	
Female.....	16.6 (0.87)	270 (1.2)	24.2 (1.31)	43.2 (1.70)	28.4 (1.43)	4.2 (0.69)	
<b>Age</b>							
25 to 34.....	9.5 (0.91)	283 (1.7)	16.5 (1.46)	38.3 (2.07)	37.0 (1.89)	8.2 (0.98)	
35 to 44.....	13.8 (1.29)	275 (2.0)	22.4 (2.01)	39.4 (2.16)	32.5 (2.20)	5.6 (1.12)	
45 to 54.....	20.0 (1.31)	266 (1.9)	28.7 (2.13)	41.5 (2.31)	26.2 (2.11)	3.6 (0.87)	
55 to 65.....	27.2 (1.59)	261 (2.5)	31.1 (2.38)	44.1 (2.33)	22.7 (2.14)	2.2 ! (0.88)	
<b>Race/ethnicity</b>							
White.....	12.7 (0.98)	280 (1.3)	17.8 (1.24)	41.4 (1.49)	34.6 (1.50)	6.3 (0.75)	
Black.....	26.0 (2.05)	245 (2.8)	45.3 (3.48)	41.3 (3.34)	12.3 (1.54)	‡ (†)	
Hispanic.....	41.2 (3.42)	248 (4.2)	44.5 (4.58)	34.4 (4.46)	19.4 (2.85)	‡ (†)	
Asian/Pacific Islander.....	15.1 (3.05)	266 (4.6)	29.8 (4.16)	38.8 (4.53)	27.1 (4.07)	4.4 ! (1.89)	
Other <sup>5</sup> .....	17.3 (3.69)	264 (6.1)	28.1 (5.83)	44.1 (6.75)	24.6 (6.91)	‡ (†)	
<b>Nativity</b>							
Born in United States.....	14.9 (0.86)	275 (1.1)	21.5 (1.10)	41.5 (1.20)	31.5 (1.27)	5.4 (0.60)	
Not born in United States.....	36.9 (2.64)	248 (3.2)	44.4 (3.61)	34.4 (3.39)	18.8 (2.26)	2.3 ! (0.84)	
<b>Educational attainment</b>							
Less than high school completion.....	62.2 (2.37)	228 (4.2)	62.2 (5.12)	31.9 (5.08)	5.6 ! (1.82)	# (†)	
High school completion <sup>6</sup> .....	20.6 (1.34)	259 (1.6)	33.2 (1.77)	43.8 (1.66)	21.2 (1.50)	1.9 (0.54)	
Associate's degree.....	6.5 (1.17)	274 (2.4)	19.9 (2.56)	45.1 (2.98)	30.6 (3.00)	4.4 (1.22)	
Bachelor's degree or higher.....	5.1 (0.71)	293 (1.5)	9.4 (1.08)	36.5 (1.94)	44.3 (1.83)	9.9 (1.15)	
<b>Employment<sup>7</sup></b>							
Full-time <sup>8</sup> .....	13.7 (0.87)	276 (1.5)	21.8 (1.36)	39.6 (1.41)	32.5 (1.52)	6.1 (0.69)	
Part-time <sup>9</sup> .....	15.5 (1.73)	268 (2.7)	25.8 (2.71)	41.2 (3.21)	29.8 (3.25)	3.2 (0.94)	
Unemployed.....	19.9 (1.81)	261 (2.6)	33.0 (2.87)	42.1 (3.45)	22.3 (2.65)	2.6 ! (0.97)	
Not in labor force.....	36.5 (1.76)	262 (2.3)	31.3 (2.71)	43.8 (2.90)	21.6 (2.35)	3.4 ! (1.24)	
<b>Annual earnings<sup>10,11</sup></b>							
Bottom quintile.....	21.4 (2.32)	262 (3.9)	31.0 (4.12)	41.0 (3.99)	26.0 (3.57)	3.0 ! (0.94)	
Fourth quintile.....	24.0 (1.82)	261 (2.4)	32.0 (3.65)	42.0 (3.79)	23.0 (2.36)	3.0 ! (0.95)	
Third quintile.....	14.6 (1.80)	268 (2.4)	27.0 (2.37)	41.0 (2.50)	28.0 (2.45)	3.0 (0.85)	
Second quintile.....	7.1 (1.27)	280 (2.2)	17.0 (2.21)	42.0 (2.51)	34.0 (2.74)	7.0 (1.02)	
Top quintile.....	6.0 (1.14)	293 (2.2)	10.0 (1.76)	34.0 (2.47)	45.0 (2.64)	11.0 (1.88)	

†Not applicable.

#Rounds to zero.

!Interpret data with caution. The coefficient of variation (CV) for this estimate is between 30 and 50 percent.

‡Reporting standards not met. Either there are too few cases for a reliable estimate or the coefficient of variation (CV) is 50 percent or greater.

<sup>1</sup>Items on the problem solving in technology-rich environments domain were offered only on computer. This column shows the percentages of 25- to 65-year-old respondents who were not assessed in this domain because they were unable to or elected not to take a computer-based assessment.

<sup>2</sup>Results are based on only those respondents who were assessed in the domain of problem solving in technology-rich environments.

<sup>3</sup>Scale ranges from 0 to 500.

<sup>4</sup>The proficiency levels correspond to the score ranges shown in parentheses: below level 1 (0–240), level 1 (241–290), level 2 (291–340), and level 3 (341–500). For details about the proficiency levels as well as examples of specific tasks at each level, see appendix B of *Skills of U.S. Unemployed, Young, and Older Adults in Sharper Focus: Results from the Program for the International Assessment of Adult Competencies (PIAAC) 2012/2014* (NCES 2016-039rev), available at <http://nces.ed.gov/pubs2016/2016039rev.pdf>.

<sup>5</sup>Includes persons of all other races and those of Two or more races.

<sup>6</sup>Includes completion through an equivalency program, such as a GED program.

<sup>7</sup>Excludes those who were employed but did not report the number of hours worked per week.

<sup>8</sup>Full-time employment is defined as working 35 hours or more per week.

<sup>9</sup>Part-time employment is defined as working less than 35 hours per week.

<sup>10</sup>Annual earnings were calculated based on monthly earnings, which include bonuses and self-employment income. Excludes those who reported no earnings.

<sup>11</sup>The item response rate is below 85 percent. Missing data have not been explicitly accounted for.

NOTE: Results in this table are based on combined data from two rounds of U.S. data collection. The first round, completed in 2012, was the main data collection. The second round, completed in 2014, was a supplemental round, conducted to expand the sample of U.S. adults, allowing for more in-depth analysis. Problem solving in technology-rich environments is defined as "using digital technology, communication tools, and networks to acquire and evaluate information, communicate with others, and perform practical tasks." Race categories exclude persons of Hispanic ethnicity. Detail may not sum to totals because of rounding.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Program for the International Assessment of Adult Competencies (PIAAC), U.S. PIAAC 2012/2014, retrieved May 9, 2017, from the PIAAC International Data Explorer (<https://nces.ed.gov/surveys/piaac/deuspiaac/>). (This table was prepared May 2017.)

**Table 507.20. Participants in state-administered adult basic education, secondary education, and English as a second language programs, by type of program and state or jurisdiction: Selected fiscal years, 2000 through 2016**

State or jurisdiction	2000, total	2005, total	2010, total	2015				2016			
				Total	Adult basic education	Adult secondary education	English as a second language	Total	Adult basic education	Adult secondary education	English as a second language
1	2	3	4	5	6	7	8	9	10	11	12
<b>United States .....</b>	<b>2,629,643</b>	<b>2,543,953</b>	<b>1,990,118</b>	<b>1,506,955</b>	<b>649,350</b>	<b>168,613</b>	<b>688,992</b>	<b>1,334,613</b>	<b>592,653</b>	<b>148,764</b>	<b>593,196</b>
Alabama .....	23,666	19,827	24,339	19,413	12,810	4,337	2,266	18,619	12,615	4,281	1,723
Alaska .....	5,312	3,791	3,176	2,006	1,109	212	685	2,074	1,186	216	672
Arizona .....	31,136	26,881	18,552	12,620	6,840	780	5,000	13,112	6,798	704	5,610
Arkansas .....	38,867	37,102	27,603	17,194	9,872	3,678	3,644	16,372	9,132	3,482	3,758
California .....	473,050	591,893	392,918	308,288	79,573	43,787	184,928	236,580	79,292	34,073	123,215
Colorado .....	13,818	15,011	12,873	8,749	3,481	682	4,586	7,621	3,301	683	3,637
Connecticut .....	30,844	31,958	25,924	19,495	4,647	4,448	10,400	17,175	4,868	3,633	8,674
Delaware .....	4,342	6,329	4,961	4,156	2,433	413	1,310	3,855	2,104	389	1,362
District of Columbia .....	3,667	3,646	3,808	2,978	1,617	156	1,205	2,972	1,487	151	1,334
Florida .....	404,912	348,119	239,653	173,901	64,952	13,877	95,072	169,819	56,167	11,675	101,977
Georgia .....	108,004	95,434	64,668	42,939	29,684	3,498	9,757	36,349	27,886	3,177	5,286
Hawaii .....	10,525	7,461	9,058	5,959	2,824	1,407	1,728	5,267	2,698	1,154	1,415
Idaho .....	10,506	7,744	6,675	4,931	2,826	438	1,667	5,223	3,019	529	1,675
Illinois .....	122,043	118,296	96,620	67,349	22,797	5,717	38,835	64,005	20,144	5,388	38,473
Indiana .....	42,135	43,498	28,571	28,168	17,737	4,644	5,787	26,579	16,080	4,640	5,859
Iowa .....	20,161	11,989	11,167	12,378	5,860	1,473	5,045	11,057	5,501	1,334	4,222
Kansas .....	11,248	9,475	8,100	7,281	3,375	917	2,989	5,837	3,441	874	1,522
Kentucky .....	31,050	30,931	38,654	23,244	14,453	5,236	3,555	21,377	13,914	4,827	2,636
Louisiana .....	30,929	29,367	27,270	23,061	17,005	2,284	3,772	19,328	15,458	2,010	1,860
Maine .....	12,430	8,151	6,776	6,317	3,320	1,123	1,874	5,679	2,995	983	1,701
Maryland .....	22,702	27,055	32,833	28,689	11,223	2,882	14,584	25,207	10,816	1,825	12,566
Massachusetts .....	24,053	21,448	20,314	19,021	4,344	3,034	11,643	17,918	4,133	2,870	10,915
Michigan .....	56,096	34,768	25,745	27,483	16,886	2,054	8,543	19,813	15,125	1,812	2,876
Minnesota .....	42,039	47,174	46,009	38,213	14,383	6,346	17,484	35,103	12,664	4,559	17,880
Mississippi .....	37,947	25,675	16,854	10,275	8,808	1,195	272	10,264	8,775	1,133	356
Missouri .....	41,089	37,052	31,397	18,780	12,244	1,525	5,011	16,492	10,895	1,322	4,275
Montana .....	4,892	3,291	3,494	2,025	1,497	347	181	1,802	1,398	204	200
Nebraska .....	7,917	10,226	8,485	6,096	2,718	518	2,860	5,209	2,492	434	2,283
Nevada .....	22,992	9,981	8,673	9,142	2,059	181	6,902	8,365	1,854	197	6,314
New Hampshire .....	5,962	5,804	5,740	4,147	1,042	978	2,127	3,422	985	981	1,456
New Jersey .....	44,317	40,889	30,976	19,474	8,040	986	10,448	15,690	7,486	878	7,326
New Mexico .....	23,243	24,132	21,466	14,564	8,242	1,228	5,094	12,483	7,105	1,167	4,211
New York .....	176,239	157,486	122,833	103,883	36,788	4,491	62,604	105,410	34,581	3,984	66,845
North Carolina .....	107,504	109,047	115,312	70,710	37,941	11,012	21,757	64,223	33,777	10,872	19,574
North Dakota .....	2,124	2,063	1,581	2,075	1,025	381	669	1,983	1,106	344	533
Ohio .....	65,579	50,869	41,692	29,548	18,747	3,076	7,725	29,472	18,297	2,987	8,188
Oklahoma .....	20,101	20,447	18,329	14,522	8,727	1,212	4,583	13,043	8,493	1,201	3,349
Oregon .....	25,228	21,668	20,851	13,378	5,986	1,675	5,717	12,709	6,068	1,529	5,112
Pennsylvania .....	49,369	54,274	30,577	20,607	11,596	2,417	6,594	19,074	11,466	2,420	5,188
Rhode Island .....	5,592	6,697	6,012	5,245	1,752	347	3,146	5,304	1,836	397	3,071
South Carolina .....	94,452	65,901	49,484	27,171	16,563	6,383	4,225	25,153	15,073	6,075	4,005
South Dakota .....	5,637	3,517	2,423	2,067	1,049	302	716	1,954	1,107	310	537
Tennessee .....	40,615	48,924	28,170	21,497	15,290	1,974	4,233	15,552	12,664	1,903	985
Texas .....	111,585	119,867	99,333	102,083	48,209	3,468	50,406	81,676	34,001	2,761	44,914
Utah .....	30,714	29,320	24,686	16,269	8,499	1,914	5,856	15,814	8,621	1,944	5,249
Vermont .....	1,146	2,015	1,590	2,051	847	785	419	1,117	595	467	55
Virginia .....	35,261	29,222	28,220	20,221	7,185	1,545	419	19,208	6,643	1,451	11,114
Washington .....	53,460	50,386	61,392	46,848	18,968	3,589	11,491	44,027	16,489	5,058	22,480
West Virginia .....	13,072	9,444	9,785	4,350	3,231	907	24,291	3,932	2,781	984	167
Wisconsin .....	27,304	26,029	21,523	14,256	7,259	2,319	212	12,561	6,342	2,035	4,184
Wyoming .....	2,767	2,379	2,973	1,838	987	435	4,678	1,733	899	457	377
<b>Other jurisdictions ...</b>	<b>44,785</b>	<b>37,328</b>	<b>22,045</b>	<b>18,920</b>	<b>3,459</b>	<b>8,523</b>	<b>6,938</b>	<b>17,530</b>	<b>2,125</b>	<b>7,305</b>	<b>8,100</b>
American Samoa .....	662	838	225	206	0	50	156	159	0	69	90
Federated States of Micronesia .....	0	0	0	0	0	0	0	0	0	0	0
Guam .....	1,092	1,062	539	718	580	42	96	527	417	10	100
Marshall Islands .....	335	0	0	0	0	0	0	0	0	0	0
Northern Marianas .....	680	740	607	176	96	58	22	213	135	78	0
Palau .....	132	206	56	49	29	20	0	68	56	12	0
Puerto Rico .....	41,043	33,463	20,464	17,532	2,557	8,353	6,622	16,441	1,418	7,136	7,887
U.S. Virgin Islands .....	841	1,019	154	‡	197	‡	42	122	99	0	23

‡Reporting standards not met (too few cases).

NOTE: Adult basic education provides instruction in basic skills for adults age 16 and over functioning at literacy levels below the secondary level. Adult secondary education provides instruction at the high school level for adults who are seeking to pass the GED or obtain an adult high school cre-

denial. English as a second language instruction is for adults who lack proficiency in English and who seek to improve their literacy and competence in English.

SOURCE: U.S. Department of Education, Office of Career, Technical, and Adult Education (OCTAE), OCTAE National Reporting System, retrieved June 28, 2018, from <http://wdcrobcolp01.ed.gov/CFAPPS/OVAE/NRS/reports/index.cfm>. (This table was prepared June 2018.)

**Table 507.30. Participation of employed persons, 17 years old and over, in career-related adult education during the previous 12 months, by selected characteristics of participants: 1995, 1999, and 2005**

[Standard errors appear in parentheses]

Characteristic of employed person	1995				1999				2005													
	Percent of adults participating in career- or job-related courses		Number of career- or job-related courses taken, per employed adult		Percent of adults participating in career- or job-related courses		Number of career- or job-related courses taken, per employed adult		Employed persons, in thousands	Percent of adults participating				Number of career- or job-related courses taken <sup>1</sup>								
										In career- or job-related courses <sup>1</sup>	In apprenticeship programs	In personal interest courses	In informal learning activities for personal interest	In thousands	Per employed adult							
1	2	3	4	5	6	7	8	9	10	11	12											
<b>Total</b> .....	<b>31.1</b>	<b>(0.54)</b>	<b>0.8</b>	<b>(0.02)</b>	<b>30.5</b>	<b>(1.14)</b>	<b>0.7</b>	<b>(0.03)</b>	<b>133,386</b>	<b>(1,508.1)</b>	<b>38.8</b>	<b>(0.83)</b>	<b>1.4</b>	<b>(0.24)</b>	<b>21.8</b>	<b>(0.94)</b>	<b>73.5</b>	<b>(1.01)</b>	<b>108,443</b>	<b>0.8</b>	<b>(0.03)</b>	
<b>Sex</b>																						
Male .....	29.0	(0.72)	0.7	(0.02)	28.3	(1.15)	0.6	(0.03)	71,754	(934.7)	31.7	(1.22)	2.0	(0.37)	18.5	(1.30)	73.4	(1.52)	44,512	0.6	(0.03)	
Female .....	33.4	(0.83)	0.9	(0.03)	32.9	(1.14)	0.8	(0.03)	61,632	(1,219.3)	47.1	(1.43)	0.8	(0.23)	25.8	(1.23)	73.6	(1.37)	63,931	1.0	(0.05)	
<b>Age</b>																						
17 through 24 years old .....	18.6	(1.01)	0.4	(0.02)	19.1	(1.91)	0.4	(0.06)	15,027	(1,030.4)	26.4	(3.01)	3.0 !	(1.03)	25.2	(3.37)	71.4	(3.15)	8,024	0.5	(0.09)	
25 through 29 years old .....	31.2	(1.46)	0.8	(0.05)	34.3	(2.44)	0.8	(0.08)	14,555	(918.4)	36.1	(2.94)	3.1 !	(1.12)	24.5	(3.66)	70.9	(4.49)	9,493	0.7	(0.06)	
30 through 34 years old .....	31.6	(1.30)	0.8	(0.04)	34.4	(2.50)	0.8	(0.08)	15,250	(977.2)	41.0	(3.06)	2.7 !	(1.10)	23.7	(2.63)	74.0	(2.54)	12,681	0.8	(0.07)	
35 through 39 years old .....	35.1	(1.02)	0.9	(0.03)	29.2	(2.15)	0.7	(0.07)	15,286	(922.4)	41.7	(4.16)	1.0 !	(0.46)	21.6	(3.15)	77.7	(3.00)	13,807	0.9	(0.14)	
40 through 44 years old .....	36.6	(1.29)	0.9	(0.04)	36.4	(2.44)	0.8	(0.07)	18,141	(946.3)	39.8	(2.73)	‡	(†)	23.3	(2.60)	71.2	(3.15)	15,586	0.9	(0.07)	
45 through 49 years old .....	39.6	(1.94)	1.0	(0.06)	30.4	(2.42)	0.7	(0.06)	18,149	(842.5)	45.0	(2.15)	0.7 !	(0.29)	19.0	(2.09)	73.5	(2.68)	16,809	0.9	(0.06)	
50 through 54 years old .....	34.4	(1.69)	0.9	(0.04)	34.7	(2.57)	0.8	(0.07)	14,624	(732.1)	42.6	(2.49)	0.7 !	(0.32)	19.5	(1.92)	76.3	(2.27)	14,881	1.0	(0.10)	
55 through 59 years old .....	26.7	(1.86)	0.7	(0.06)	30.3	(2.83)	0.6	(0.08)	10,522	(676.0)	44.7	(2.98)	‡	(†)	18.3	(1.93)	73.0	(2.95)	9,901	0.9	(0.09)	
60 through 64 years old .....	21.1	(2.41)	0.5	(0.06)	27.2	(3.80)	0.7	(0.15)	6,021	(498.8)	38.9	(3.97)	‡	(†)	23.4	(3.52)	73.0	(4.22)	4,919	0.8	(0.10)	
65 years old and over .....	13.7	(1.86)	0.4	(0.06)	20.3	(4.21)	0.4	(0.08)	5,812	(493.3)	21.6	(3.48)	#	(†)	17.4	(3.13)	74.2	(3.75)	2,343	0.4	(0.07)	
65 through 69 .....	13.1	(2.28)	0.4	(0.08)	—	(†)	—	(†)	3,385	(415.5)	19.1	(4.05)	#	(†)	20.9	(4.88)	75.4	(5.18)	1,102	0.3	(0.08)	
70 and over .....	14.6	(2.85)	0.4	(0.09)	—	(†)	—	(†)	2,427	(282.3)	25.1	(5.81)	#	(†)	12.6	(2.93)	72.6	(6.11)	1,241	0.5	(0.14)	
<b>Race/ethnicity</b>																						
White .....	33.2	(0.61)	0.8	(0.02)	32.8	(0.98)	0.6	(0.03)	94,881	(1,538.6)	41.3	(0.93)	1.2	(0.25)	22.2	(1.11)	75.3	(1.17)	82,511	0.9	(0.03)	
Black .....	26.2	(1.46)	0.7	(0.04)	28.1	(2.34)	1.0	(0.07)	13,773	(533.2)	39.2	(3.82)	1.7 !	(0.83)	23.5	(3.04)	66.9	(3.02)	10,311	0.7	(0.11)	
Hispanic .....	18.1	(1.00)	0.4	(0.02)	16.4	(1.83)	0.5	(0.05)	15,741	(681.1)	25.0	(2.66)	2.9	(0.85)	16.2	(2.31)	65.8	(3.39)	8,786	0.6	(0.11)	
Asian .....	—	(†)	—	(†)	—	(†)	—	(†)	3,770	(520.7)	36.9	(7.00)	‡	(†)	32.3	(7.26)	81.1	(5.88)	2,207	0.6	(0.12)	
Pacific Islander .....	—	(†)	—	(†)	—	(†)	—	(†)	‡	(†)	‡	(†)	‡	(†)	‡	(†)	‡	(†)	‡	(†)	‡	(†)
Asian/Pacific Islander .....	25.5	(2.69)	0.6	(0.07)	32.8	(4.84)	0.4 !	(0.15)	—	(†)	—	(†)	—	(†)	—	(†)	—	(†)	—	(†)	—	(†)
American Indian/Alaska Native .....	34.0	(6.32)	0.9	(0.20)	29.5 !	(11.52)	‡	(†)	‡	(†)	‡	(†)	‡	(†)	‡	(†)	‡	(†)	‡	(†)	‡	(†)
Two or more races .....	—	(†)	—	(†)	—	(†)	—	(†)	3,786	(562.7)	39.1	(6.85)	‡	(†)	22.6	(6.34)	77.6	(8.40)	3,083	0.8	(0.15)	
Other races .....	25.3	(2.99)	0.7	(0.09)	—	(†)	—	(†)	‡	(†)	‡	(†)	‡	(†)	‡	(†)	‡	(†)	‡	(†)	‡	(†)
<b>Highest level of education completed</b>																						
Less than high school completion .....	8.8	(1.05)	0.1	(0.02)	7.9	(2.29)	0.4	(0.05)	16,627	(838.2)	10.4	(2.11)	2.4 !	(0.90)	8.8	(1.54)	57.0	(3.76)	2,592	0.2	(0.03)	
8th grade or less .....	6.1 !	(2.00)	0.1 !	(0.04)	—	(†)	—	(†)	5,016	(599.7)	2.7	(1.12)	‡	(†)	3.8 !	(1.71)	46.7	(7.11)	197	#	(†)	
9th through 12th grade, no completion .....	10.0	(1.27)	0.2	(0.02)	—	(†)	—	(†)	11,610	(792.8)	13.7	(2.99)	‡	(†)	11.0	(2.06)	61.5	(4.05)	2,396	0.2	(0.04)	
High school completion .....	20.9	(0.79)	0.4	(0.02)	21.4	(1.45)	0.8	(0.03)	34,121	(1,147.2)	24.7	(1.76)	1.3 !	(0.46)	17.1	(1.89)	63.4	(2.55)	16,640	0.5	(0.05)	
Some vocational/technical .....	32.3	(2.50)	0.8	(0.07)	28.7	(5.76)	0.9	(0.17)	3,744	(393.1)	48.2	(5.92)	‡	(†)	25.5	(4.61)	74.0	(5.54)	3,802	1.0	(0.17)	
Some college .....	29.9	(0.91)	0.7	(0.03)	29.0	(1.78)	0.7	(0.06)	24,479	(1,067.7)	39.9	(2.36)	1.9 !	(0.69)	25.2	(2.50)	79.8	(2.04)	18,437	0.8	(0.05)	
Associate's degree .....	39.2	(1.58)	1.0	(0.05)	39.7	(3.07)	0.9	(0.09)	9,943	(730.7)	50.4	(3.71)	2.3 !	(0.84)	19.1	(2.86)	78.4	(3.88)	14,224	1.4	(0.21)	
Bachelor's degree .....	44.6	(1.33)	1.2	(0.04)	43.8	(2.01)	1.0	(0.06)	26,475	(902.7)	53.1	(1.88)	‡	(†)	29.0	(1.77)	78.7	(1.94)	28,099	1.1	(0.06)	
Some graduate work (or study) .....	50.2	(1.63)	1.4	(0.05)	46.8	(4.17)	1.2	(0.14)	17,998	(735.4)	61.1	(2.16)	‡	(†)	28.6	(2.01)	88.8	(1.16)	24,649	1.4	(0.07)	
No degree .....	44.3	(3.18)	1.2	(0.10)	54.2	(4.94)	1.2	(0.14)	2,125	(227.9)	53.8	(5.79)	‡	(†)	39.3	(6.05)	75.0	(5.64)	2,412	1.1	(0.16)	
Master's .....	50.5	(1.99)	1.4	(0.06)	45.3	(2.97)	1.1	(0.11)	11,330	(614.7)	62.7	(2.98)	‡	(†)	28.2	(2.27)	90.5	(1.40)	15,394	1.4	(0.09)	
Doctor's .....	40.4	(6.42)	1.0	(0.16)	34.4	(4.79)	0.7	(0.12)	1,600	(227.2)	49.0	(5.80)	‡	(†)	28.8	(4.76)	87.8	(4.35)	2,204	1.4	(0.36)	
Professional .....	67.6	(3.89)	2.0	(0.15)	67.6	(6.98)	1.9	(0.31)	2,943	(382.7)	66.5	(6.39)	‡	(†)	22.1	(5.05)	92.9	(2.21)	4,639	1.6	(0.21)	

See notes at end of table.

**Table 507.30. Participation of employed persons, 17 years old and over, in career-related adult education during the previous 12 months, by selected characteristics of participants: 1995, 1999, and 2005—Continued**

[Standard errors appear in parentheses]

Characteristic of employed person	1995		1999		Employed persons, in thousands	2005				Number of career- or job-related courses taken <sup>1</sup>		
	Percent of adults participating in career- or job-related courses	Number of career- or job-related courses taken, per employed adult	Percent of adults participating in career- or job-related courses	Number of career- or job-related courses taken, per employed adult		Percent of adults participating				In thousands	Per employed adult	
						In career- or job-related courses <sup>1</sup>	In apprenticeship programs	In personal interest courses	In informal learning activities for personal interest			
1	2	3	4	5	6	7	8	9	10	11	12	
<b>Locale<sup>2</sup></b>												
City .....	— (†)	— (†)	— (†)	— (†)	39,283 (1,391.3)	39.6 (1.67)	2.2 (0.60)	23.1 (1.43)	74.0 (1.77)	34,327	0.9 (0.05)	
Suburban .....	— (†)	— (†)	— (†)	— (†)	48,452 (1,555.0)	41.1 (1.87)	1.2 (0.32)	23.3 (1.38)	74.2 (1.49)	39,802	0.8 (0.04)	
Town .....	— (†)	— (†)	— (†)	— (†)	17,616 (1,060.7)	36.0 (2.64)	‡ (†)	19.6 (2.83)	71.7 (3.02)	12,947	0.7 (0.07)	
Rural .....	— (†)	— (†)	— (†)	— (†)	27,847 (885.2)	35.4 (2.14)	1.4 ! (0.58)	19.0 (2.19)	72.7 (2.22)	21,135	0.8 (0.06)	
<b>Occupation</b>												
Executive, administrative, or managerial occupations..	42.9 (1.49)	1.2 (0.05)	40.6 (2.06)	1.0 (0.07)	14,596 (707.6)	53.6 (2.79)	‡ (†)	29.5 (2.89)	77.7 (2.87)	16,567	1.1 (0.09)	
Engineers, surveyors, and architects .....	44.2 (4.46)	1.1 (0.12)	52.1 (6.96)	1.0 (0.16)	1,987 (244.9)	56.3 (5.68)	‡ (†)	30.5 (6.36)	81.0 (4.73)	2,323	1.2 (0.16)	
Natural scientists and mathematicians.....	59.7 (3.97)	1.7 (0.15)	46.0 (6.61)	0.8 (0.14)	4,130 (445.4)	51.5 (5.64)	‡ (†)	31.2 (4.83)	85.3 (5.44)	3,693	0.9 (0.11)	
Social scientists and workers, religious workers, and lawyers....	59.5 (2.61)	1.8 (0.11)	56.9 (5.66)	1.7 (0.24)	4,697 (480.9)	66.8 (4.48)	‡ (†)	28.3 (3.81)	88.6 (2.95)	7,822	1.7 (0.29)	
Teachers, elementary/secondary.....	53.9 (2.23)	1.5 (0.08)	52.1 (3.53)	1.2 (0.11)	7,085 (568.5)	67.7 (4.16)	‡ (†)	31.5 (3.93)	83.0 (2.79)	12,233	1.7 (0.13)	
Teachers, postsecondary and counselors, librarians, and archivists..	41.6 (4.57)	1.0 (0.15)	35.6 (5.85)	0.7 (0.14)	2,393 (420.9)	53.1 (8.63)	‡ (†)	17.7 (4.91)	90.9 (3.97)	2,122	0.9 (0.09)	
Health diagnosing and treating practitioners .....	68.6 (5.85)	2.0 (0.23)	65.2 (11.99)	1.5 ! (0.50)	978 (208.8)	78.9 (7.10)	‡ (†)	27.4 ! (9.60)	86.6 (5.37)	1,951	2.0 (0.25)	
Registered nurses, pharmacists, dieticians, therapists, and physician's assistants ...	72.8 (3.02)	2.2 (0.14)	72.2 (5.04)	1.8 (0.21)	2,794 (238.8)	79.7 (4.60)	‡ (†)	29.4 (4.17)	84.3 (3.70)	4,984	1.8 (0.15)	
Writers, artists, entertainers, and athletes.....	23.4 (2.89)	0.5 (0.07)	30.6 (6.21)	0.6 (0.18)	2,969 (405.2)	29.9 (5.69)	‡ (†)	31.8 (6.15)	88.9 (4.39)	1,865	0.6 (0.15)	
Health technologists and technicians .....	50.0 (4.08)	1.4 (0.12)	41.8 (6.00)	1.0 (0.19)	3,060 (436.7)	70.6 (7.31)	‡ (†)	27.8 (6.48)	77.5 (6.40)	4,473	1.5 (0.18)	
Technologists and technicians, except health.....	43.8 (2.67)	1.1 (0.10)	37.6 (4.87)	1.0 (0.15)	1,774 (336.5)	29.4 (8.10)	‡ (†)	5.3 ! (2.02)	75.2 (8.98)	1,015	0.6 (0.17)	
Marketing and sales occupations .....	25.2 (1.26)	0.6 (0.03)	21.1 (2.27)	0.4 (0.06)	14,845 (971.9)	32.3 (3.17)	‡ (†)	20.8 (2.64)	70.5 (3.53)	7,724	0.5 (0.05)	
Administrative support occupations, including clerical .....	30.8 (1.15)	0.7 (0.03)	27.4 (2.02)	0.6 (0.05)	21,167 (1,179.4)	36.1 (2.95)	0.8 ! (0.40)	28.2 (2.28)	72.9 (2.37)	15,443	0.7 (0.10)	
Service occupations .....	22.6 (1.25)	0.6 (0.04)	21.0 (2.15)	0.5 (0.07)	17,180 (1,033.7)	33.7 (3.13)	1.1 ! (0.36)	16.2 (2.31)	69.0 (2.74)	13,029	0.8 (0.10)	
Agriculture, forestry, and fishing occupations .....	12.4 (2.47)	0.3 (0.07)	12.2 ! (4.09)	0.2 ! (0.07)	2,522 (423.8)	22.4 ! (7.61)	‡ (†)	23.0 ! (11.03)	62.9 (11.04)	960	0.4 ! (0.12)	
Mechanics and repairers.....	29.1 (2.62)	0.7 (0.08)	15.0 (3.40)	0.3 (0.09)	5,241 (521.6)	28.3 (4.47)	4.0 ! (1.44)	12.6 (3.24)	69.3 (4.36)	2,669	0.5 (0.09)	
Construction and extractive occupations .....	18.6 (2.33)	0.3 (0.04)	13.2 (3.16)	0.2 (0.06)	6,827 (647.1)	12.4 (3.04)	5.3 ! (2.26)	7.8 (1.88)	69.0 (5.25)	2,323	0.3 ! (0.13)	
Precision production <sup>3</sup> .....	25.6 (4.04)	0.6 (0.12)	18.3 ! (6.52)	0.4 ! (0.12)	10,483 (839.3)	23.5 (3.79)	‡ (†)	14.0 (3.34)	64.9 (3.74)	4,904	0.5 (0.07)	
Production workers .....	14.8 (1.13)	0.3 (0.02)	23.0 (3.17)	0.5 (0.08)	— (†)	— (†)	— (†)	— (†)	— (†)	—	— (†)	

See notes at end of table.

**Table 507.30. Participation of employed persons, 17 years old and over, in career-related adult education during the previous 12 months, by selected characteristics of participants: 1995, 1999, and 2005—Continued**

[Standard errors appear in parentheses]

Characteristic of employed person	1995				1999				2005												
	Percent of adults participating in career- or job-related courses		Number of career- or job-related courses taken, per employed adult		Percent of adults participating in career- or job-related courses		Number of career- or job-related courses taken, per employed adult		Employed persons, in thousands	Percent of adults participating				Number of career- or job-related courses taken <sup>1</sup>							
										In career- or job-related courses <sup>1</sup>	In apprenticeship programs	In personal interest courses	In informal learning activities for personal interest	In thousands	Per employed adult						
1	2	3	4	5	6	7	8	9	10	11	12										
Transportation and material moving.....	15.8	(1.83)	0.3	(0.04)	18.4	(3.62)	0.3	(0.06)	7,858	(742.5)	15.2	(2.81)	‡	(†)	10.5	(3.10)	62.5	(5.32)	1,935	0.2	(0.05)
Handlers, equipment cleaners, helpers, and laborers.....	11.7	(2.77)	0.2	(0.06)	‡	(†)	‡	(†)	—	(†)	—	(†)	—	(†)	—	(†)	—	(†)	—	—	(†)
Miscellaneous occupations.	38.8	(3.50)	1.0	(0.11)	14.2 !	(4.62)	0.3 !	(0.08)	801	(189.4)	17.2 !	(6.87)	‡	(†)	8.7 !	(4.31)	48.3	(13.96)	409	‡	(†)
<b>Annual household income</b>																					
\$10,000 or less.....	12.6	(1.31)	0.2	(0.03)	9.5 !	(3.09)	0.2 !	(0.05)	4,425	(444.8)	16.7	(4.35)	‡	(†)	26.2 !	(7.96)	69.7	(5.72)	1,556	0.4 !	(0.12)
\$5,000 or less.....	8.7	(1.91)	0.1	(0.03)	—	(†)	—	(†)	1,635	(252.7)	19.1	(6.52)	‡	(†)	22.9 !	(7.91)	60.9	(8.84)	850	‡	(†)
\$5,001 to \$10,000.....	15.1	(1.62)	0.3	(0.04)	—	(†)	—	(†)	2,791	(454.1)	15.3	(5.68)	‡	(†)	28.1 !	(12.27)	74.8	(6.88)	706	0.3 !	(0.10)
\$10,001 to \$15,000.....	15.1	(1.71)	0.4	(0.04)	8.3	(1.88)	0.1	(0.03)	4,814	(633.4)	22.2	(5.77)	‡	(†)	17.3 !	(5.25)	64.5	(7.57)	2,189	0.5	(0.12)
\$15,001 to \$20,000.....	20.1	(1.36)	0.4	(0.03)	16.3	(2.75)	0.3	(0.05)	4,515	(398.8)	18.2	(3.09)	5.7 !	(2.71)	11.5	(1.96)	60.4	(5.11)	1,322	0.3	(0.05)
\$20,001 to \$25,000.....	20.4	(1.52)	0.5	(0.05)	18.8	(2.79)	0.4	(0.08)	5,593	(490.2)	23.8	(4.02)	1.1 !	(0.51)	13.3	(3.21)	71.5	(4.11)	2,817	0.5	(0.10)
\$25,001 to \$30,000.....	24.7	(1.34)	0.5	(0.03)	22.2	(2.73)	0.5	(0.07)	7,444	(680.4)	31.4	(4.88)	‡	(†)	16.7	(3.77)	73.5	(3.91)	4,322	0.6	(0.11)
\$30,001 to \$40,000.....	30.2	(1.13)	0.8	(0.03)	26.6	(2.82)	0.6	(0.07)	13,123	(928.5)	35.1	(3.45)	1.5 !	(0.65)	21.7	(3.71)	69.1	(3.55)	8,224	0.6	(0.06)
\$40,001 to \$50,000.....	34.7	(1.30)	0.8	(0.04)	32.3	(2.34)	0.7	(0.07)	13,647	(1,058.4)	31.5	(3.01)	1.8 !	(0.72)	20.1	(3.32)	73.5	(2.78)	10,072	0.7	(0.10)
\$50,001 to \$75,000.....	40.0	(1.18)	1.0	(0.04)	36.6	(1.86)	0.9	(0.06)	33,665	(1,430.4)	42.7	(1.80)	1.2 !	(0.51)	20.9	(2.10)	71.3	(2.55)	28,991	0.9	(0.06)
More than \$75,000.....	45.2	(1.40)	1.3	(0.04)	42.5	(1.79)	1.0	(0.06)	46,160	(1,263.3)	48.1	(1.57)	1.3 !	(0.39)	26.0	(1.37)	79.2	(1.55)	48,951	1.1	(0.05)

—Not available.

†Not applicable.

#Rounds to zero.

!Interpret data with caution. The coefficient of variation (CV) for this estimate is between 30 and 50 percent.

‡Reporting standards not met. The coefficient of variation (CV) for this estimate is 50 percent or greater.

<sup>1</sup>The 2005 estimates on participation in career- or job-related courses were based on responses to multiple questions. Specifically, respondents were first asked what courses they had taken, and then whether each course was career- or job-related. In contrast, 1995 and 1999 respondents were asked a single, general question about whether they had participated in any career- or job-related courses. Therefore, 2005 results may not be comparable to results from the earlier years.

<sup>2</sup>Detail may not sum to totals due to missing locale information.

<sup>3</sup>For 2005, figures include "Production workers" occupations data.

NOTE: Data do not include persons enrolled in high school or below. Race categories exclude persons of Hispanic ethnicity. Detail may not sum to totals because of rounding.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Adult Education Survey (AE-NHES:1995, AE-NHES:1999, and AE-NHES:2005) of the National Household Education Surveys Program. (This table was prepared October 2010.)

**Table 507.40. Participation rate of persons, 17 years old and over, in adult education during the previous 12 months, by selected characteristics of participants: Selected years, 1991 through 2005**  
[Standard errors appear in parentheses]

Characteristic of participant	Percent taking any program, class, or course					Percent taking specific programs, classes, or courses, 2005						Percent doing informal learning activities for personal interest, 2005	
	1991	1995	1999	2001	2005	Basic skills/ General Educational Development (GED) classes	English as a second language (ESL) classes	Part-time post- secondary education <sup>1</sup>	Career- or job- related courses	Apprenticeship programs	Personal-interest courses		
1	2	3	4	5	6	7	8	9	10	11	12	13	
<b>Total</b> .....	<b>33.0</b> (0.68)	<b>40.2</b> (0.48)	<b>44.5</b> (0.77)	<b>46.4</b> (0.55)	<b>44.4</b> (0.74)	<b>1.3</b> (0.22)	<b>0.9</b> (0.17)	<b>5.0</b> (0.29)	<b>27.0</b> (0.63)	<b>1.2</b> (0.18)	<b>21.4</b> (0.71)	<b>70.5</b> (0.79)	
<b>Sex</b>													
Male .....	32.6 (1.09)	38.2 (0.65)	41.7 (1.15)	43.1 (0.83)	41.0 (1.20)	1.4 (0.41)	0.9 ! (0.29)	5.0 (0.44)	24.5 (0.99)	1.7 (0.31)	18.3 (1.08)	70.8 (1.10)	
Female .....	33.2 (0.97)	42.1 (0.59)	47.1 (1.02)	49.5 (0.78)	47.5 (1.01)	1.2 (0.19)	0.9 (0.15)	5.1 (0.37)	29.2 (0.95)	0.7 (0.15)	24.2 (0.88)	70.2 (1.03)	
<b>Age</b>													
17 to 24 years old .....	37.8 (1.46)	47.0 (1.12)	49.9 (2.34)	52.8 (2.04)	52.8 (2.79)	6.0 (1.48)	1.7 ! (0.61)	11.5 (1.34)	21.3 (2.22)	2.7 (0.76)	26.3 (2.60)	69.2 (2.54)	
25 to 29 years old .....	40.0 (2.33)	49.6 (1.31)	56.5 (2.53)	52.9 (2.60)	51.6 (3.82)	1.8 (0.48)	3.3 ! (1.48)	9.1 (1.50)	29.5 (2.48)	3.2 ! (1.06)	20.9 (2.78)	66.8 (3.75)	
30 to 34 years old .....	37.6 (2.88)	47.3 (1.41)	56.2 (2.57)	53.7 (2.18)	52.7 (2.52)	1.9 ! (0.66)	1.6 ! (0.64)	8.4 (1.28)	33.8 (2.71)	2.5 ! (0.89)	23.2 (2.23)	73.8 (2.22)	
35 to 39 years old .....	42.1 (2.71)	47.7 (1.15)	50.1 (2.43)	54.0 (1.71)	48.6 (3.21)	0.4 ! (0.16)	0.7 ! (0.26)	6.1 (0.90)	32.6 (3.29)	0.9 ! (0.36)	20.7 (2.67)	75.5 (2.69)	
40 to 44 years old .....	49.2 (3.28)	50.9 (1.15)	50.5 (2.43)	53.5 (1.88)	48.9 (2.43)	0.8 ! (0.31)	0.6 ! (0.23)	4.7 (0.77)	34.8 (2.30)	0.9 ! (0.42)	23.4 (2.29)	71.5 (2.62)	
45 to 49 years old .....	40.0 (2.43)	48.7 (1.66)	49.8 (2.69)	55.4 (2.02)	49.0 (2.09)	+	0.6 ! (0.25)	3.2 (0.48)	37.7 (1.83)	0.5 ! (0.23)	19.3 (1.88)	71.6 (2.52)	
50 to 54 years old .....	26.8 (3.31)	42.5 (1.38)	47.2 (2.51)	51.1 (2.22)	46.6 (2.36)	+	0.3 ! (0.15)	4.5 (0.75)	35.2 (2.25)	0.6 ! (0.28)	20.3 (1.64)	75.6 (1.89)	
55 to 59 years old .....	29.0 (3.74)	32.2 (1.66)	38.0 (2.60)	44.1 (1.98)	42.2 (2.78)	+	+	1.9 (0.43)	31.9 (2.39)	+	18.0 (1.63)	69.5 (2.56)	
60 to 64 years old .....	17.4 (1.90)	23.7 (1.89)	31.4 (2.83)	30.8 (2.18)	37.9 (3.00)	+	+	0.9 ! (0.36)	20.9 (2.07)	+	24.1 (2.40)	71.4 (3.04)	
65 to 69 years old .....	14.2 (2.97)	18.1 (1.46)	25.4 (2.54)	20.5 (1.74)	26.2 (2.67)	+	+	0.5 ! (0.22)	8.1 (1.36)	+	20.9 (2.41)	67.6 (2.52)	
70 years old and over .....	8.6 (1.25)	13.8 (1.09)	15.0 (1.38)	21.7 (1.37)	21.5 (1.44)	+	+	+	4.0 (0.78)	+	17.9 (1.33)	62.9 (1.82)	
<b>Racial/ethnic group</b>													
White .....	34.1 (0.82)	41.5 (0.54)	44.4 (0.89)	47.4 (0.59)	45.6 (0.84)	0.9 (0.23)	0.2 ! (0.08)	4.9 (0.35)	29.1 (0.70)	0.9 (0.17)	22.1 (0.87)	73.0 (0.92)	
Black .....	25.9 (2.23)	37.0 (1.45)	46.3 (2.30)	43.3 (1.50)	46.4 (2.81)	1.9 (0.49)	+	5.4 (0.97)	27.0 (2.53)	1.5 ! (0.73)	23.7 (2.11)	65.3 (2.02)	
Hispanic .....	31.4 (2.63)	33.7 (1.18)	41.3 (2.51)	41.7 (2.28)	37.8 (2.43)	2.6 (0.72)	5.6 (1.22)	5.7 (1.55)	16.9 (1.72)	2.2 (0.63)	15.4 (1.75)	57.5 (2.86)	
Asian .....	— (†)	— (†)	— (†)	— (†)	48.3 (5.39)	+	2.6 ! (1.03)	7.6 ! (2.62)	27.2 (4.70)	+	26.5 (5.06)	81.1 (4.10)	
Pacific Islander .....	— (†)	— (†)	— (†)	— (†)	+	+	+	+	+	+	+	+	
Asian/Pacific Islander .....	35.9 (5.55)	39.7 (2.92)	51.1 (4.63)	49.5 (3.81)	+	+	+	+	+	+	+	+	
American Indian/Alaska Native .....	29.3 ! (11.55)	38.8 (4.85)	36.3 (9.16)	50.2 (8.28)	36.3 (10.17)	+	+	4.4 ! (1.82)	23.0 ! (8.51)	+	13.0 ! (6.16)	70.6 (9.18)	
Two or more races .....	— (†)	— (†)	— (†)	— (†)	39.4 (4.94)	5.1 ! (2.17)	+	3.2 ! (1.07)	23.8 (4.06)	1.3 ! (0.59)	21.0 (4.13)	77.6 (5.28)	
<b>Highest level of education completed</b>													
8th grade or less .....	7.7 (1.44)	10.0 (1.10)	14.7 (2.92)	19.7 (2.84)	15.5 (2.47)	1.9 (0.57)	4.3 ! (1.70)	+	1.7 ! (0.55)	+	7.3 (1.24)	38.1 (3.27)	
9th through 12th grade, no completion .....	15.8 (2.25)	20.2 (1.38)	25.6 (2.55)	25.5 (1.53)	27.2 (2.40)	7.9 (1.69)	1.1 ! (0.41)	2.1 (0.57)	7.6 (1.44)	1.5 ! (0.61)	12.5 (1.53)	55.7 (2.52)	
High school completion .....	24.1 (1.10)	30.7 (0.84)	34.8 (1.37)	33.9 (1.07)	33.0 (1.62)	0.5 ! (0.24)	0.7 ! (0.24)	2.5 (0.36)	17.2 (1.18)	1.1 ! (0.35)	16.8 (1.27)	63.6 (1.93)	
Some vocational/technical .....	34.2 (3.80)	41.9 (2.16)	41.1 (3.97)	50.7 (3.51)	43.3 (4.30)	+	+	4.5 ! (1.42)	28.3 (3.71)	+	23.2 (3.09)	77.6 (3.98)	
Some college .....	41.4 (1.67)	49.3 (0.92)	51.1 (1.76)	57.4 (1.29)	51.1 (1.79)	+	+	8.6 (1.06)	28.8 (1.54)	1.4 ! (0.47)	26.8 (1.80)	79.8 (1.52)	
Associate's degree .....	49.2 (5.82)	56.1 (1.85)	56.6 (2.93)	62.5 (2.15)	56.5 (3.64)	+	1.1 ! (0.51)	6.6 (1.42)	40.8 (3.27)	1.9 ! (0.66)	20.1 (2.48)	75.9 (3.70)	
Bachelor's degree .....	51.1 (2.46)	56.9 (1.20)	60.3 (1.84)	64.5 (1.39)	59.8 (1.56)	+	0.4 ! (0.17)	6.3 (0.82)	44.1 (1.61)	0.4 ! (0.17)	28.6 (1.55)	79.3 (1.72)	
Some graduate work (or study) .....	55.1 (2.90)	59.9 (1.55)	63.6 (1.96)	68.9 (1.64)	66.3 (1.99)	+	+	8.7 (0.86)	49.3 (2.15)	+	30.7 (1.77)	88.0 (1.06)	
No degree .....	— (†)	62.2 (2.67)	64.7 (4.39)	64.2 (3.54)	65.3 (4.84)	+	+	14.5 (2.55)	40.5 (4.68)	+	38.7 (4.81)	78.2 (4.34)	
Master's .....	— (†)	59.1 (1.88)	65.7 (2.64)	70.7 (2.10)	67.5 (2.59)	+	+	8.9 (1.31)	51.4 (2.81)	+	30.6 (2.04)	88.8 (1.33)	
Doctor's .....	— (†)	54.0 (6.99)	53.1 (4.73)	63.7 (3.98)	58.0 (4.94)	+	+	10.1 ! (3.14)	34.0 (4.53)	+	31.4 (3.95)	90.3 (3.26)	
Professional .....	— (†)	65.9 (3.91)	72.5 (5.75)	72.8 (3.79)	68.2 (5.77)	+	+	+	59.0 (6.35)	+	23.9 (4.35)	91.6 (2.15)	
<b>Urbanicity</b>													
City .....	— (†)	— (†)	— (†)	— (†)	45.8 (1.46)	1.4 (0.31)	1.6 (0.38)	5.7 (0.59)	26.3 (1.24)	1.8 (0.43)	22.5 (1.10)	69.2 (1.39)	
Suburban .....	— (†)	— (†)	— (†)	— (†)	46.9 (1.33)	0.9 (0.23)	0.9 ! (0.36)	5.8 (0.55)	29.7 (1.26)	0.9 (0.22)	23.4 (1.16)	73.4 (1.28)	
Town .....	— (†)	— (†)	— (†)	— (†)	41.8 (2.33)	2.7 ! (1.16)	0.4 ! (0.14)	4.2 (0.87)	25.6 (1.74)	0.5 ! (0.21)	18.5 (1.96)	70.5 (2.43)	
Rural .....	— (†)	— (†)	— (†)	— (†)	39.5 (2.04)	0.8 (0.22)	+	3.3 (0.59)	24.2 (1.38)	1.2 ! (0.40)	18.3 (1.76)	67.6 (1.76)	
<b>Labor force status</b>													
In labor force .....	40.7 (0.96)	49.8 (0.69)	52.1 (0.94)	— (†)	52.3 (0.93)	1.4 (0.32)	0.8 (0.19)	6.4 (0.39)	37.1 (0.83)	1.5 (0.24)	21.9 (0.91)	73.0 (0.94)	
Employed .....	42.0 (1.00)	50.7 (0.53)	52.5 (0.96)	— (†)	53.4 (0.94)	1.1 (0.31)	0.7 (0.20)	6.5 (0.39)	38.8 (0.83)	1.4 (0.24)	21.8 (0.94)	73.5 (1.01)	
Unemployed .....	26.0 (3.24)	36.6 (1.91)	44.9 (4.60)	— (†)	37.8 (4.26)	5.8 (1.60)	1.9 ! (0.79)	5.2 (1.37)	13.5 (2.16)	+	22.1 (3.99)	66.7 (3.80)	
Not in labor force .....	15.7 (0.91)	21.3 (0.69)	24.9 (1.17)	— (†)	27.6 (1.18)	1.1 (0.24)	1.3 (0.36)	2.3 (0.45)	5.7 (0.55)	0.6 ! (0.22)	20.5 (0.97)	65.2 (1.27)	

See notes at end of table.

**Table 507.40. Participation rate of persons, 17 years old and over, in adult education during the previous 12 months, by selected characteristics of participants: Selected years, 1991 through 2005—Continued**  
 [Standard errors appear in parentheses]

Characteristic of participant	Percent taking any program, class, or course					Percent taking specific programs, classes, or courses, 2005							Percent doing informal learning activities for personal interest, 2005
	1991	1995	1999	2001	2005	Basic skills/ General Educational Development (GED) classes	English as a second language (ESL) classes	Part-time post-secondary education <sup>1</sup>	Career- or job-related courses	Apprenticeship programs	Personal-interest courses		
1	2	3	4	5	6	7	8	9	10	11	12	13	
<b>Occupation</b>													
Executive, administrative, or managerial occupations.....	49.3 (3.45)	55.8 (1.92)	57.0 (2.11)	66.2 (1.61)	64.1 (2.73)	‡ (†)	‡ (†)	6.0 (1.10)	51.8 (2.82)	‡ (†)	28.8 (2.89)	78.6 (2.71)	
Engineers, surveyors, and architects .....	62.6 (7.85)	65.5 (4.18)	79.8 (6.01)	68.1 (4.46)	71.2 (5.68)	‡ (†)	‡ (†)	9.3 ! (3.21)	55.6 (5.60)	‡ (†)	31.4 (6.19)	81.1 (4.63)	
Natural scientists and mathematicians .....	48.2 (9.86)	72.3 (3.52)	60.5 (6.74)	74.0 (4.46)	69.1 (4.63)	‡ (†)	‡ (†)	9.2 (2.49)	49.6 (5.27)	‡ (†)	30.2 (4.53)	85.5 (5.16)	
Social scientists and workers, religious workers, and lawyers .....	55.6 (6.01)	76.6 (2.61)	79.3 (4.35)	83.5 (3.05)	77.7 (4.11)	‡ (†)	‡ (†)	12.8 (3.16)	64.3 (4.42)	‡ (†)	29.2 (3.52)	89.4 (2.78)	
Teachers, elementary/secondary .....	56.0 (4.20)	54.8 (4.64)	66.5 (5.61)	79.9 (2.95)	79.7 (2.59)	‡ (†)	‡ (†)	8.3 ! (3.16)	65.0 (3.99)	‡ (†)	31.7 (3.78)	83.8 (2.62)	
Teachers: college, university, postsecondary institutions .....	45.5 (8.31)	76.7 (1.98)	78.4 (3.11)	69.4 (4.60)	61.3 (6.96)	‡ (†)	‡ (†)	‡ (†)	49.0 (8.50)	‡ (†)	19.5 (4.98)	91.7 (3.58)	
Health diagnosing and treating practitioners .....	67.1 (13.73)	71.1 (5.78)	79.8 (9.02)	78.5 (6.38)	88.8 (5.59)	‡ (†)	‡ (†)	15.4 (2.47)	79.5 (6.59)	‡ (†)	31.9 (9.15)	84.5 (5.63)	
Registered nurses, pharmacists, dieticians, therapists, and physician's assistants .....	59.6 (6.69)	86.7 (2.47)	85.4 (4.10)	82.7 (3.83)	85.4 (4.05)	‡ (†)	‡ (†)	7.9 (2.17)	78.2 (4.89)	‡ (†)	27.4 (3.73)	83.1 (3.92)	
Writers, artists, entertainers, and athletes .....	42.9 (6.63)	49.9 (4.37)	50.0 (6.93)	46.8 (6.03)	52.5 (6.59)	‡ (†)	‡ (†)	5.4 ! (2.16)	27.8 (5.02)	‡ (†)	35.3 (6.42)	88.2 (3.89)	
Health technologists and technicians .....	68.6 (10.03)	74.8 (3.64)	66.9 (6.16)	85.6 (3.25)	72.1 (8.37)	‡ (†)	‡ (†)	6.0 ! (2.11)	63.2 (8.67)	‡ (†)	24.6 (5.91)	75.6 (7.26)	
Technologists and technicians, except health and engineering .....	53.0 (6.49)	64.3 (2.84)	59.6 (5.07)	70.2 (3.32)	33.8 (8.53)	‡ (†)	‡ (†)	7.1 ! (3.19)	29.1 (7.68)	‡ (†)	6.2 ! (2.14)	76.0 (8.80)	
Marketing and sales occupations .....	34.4 (2.38)	44.2 (1.34)	44.4 (2.73)	51.1 (2.10)	45.7 (3.00)	1.7 ! (0.59)	‡ (†)	4.5 (0.88)	30.2 (2.77)	‡ (†)	21.5 (2.43)	68.9 (3.37)	
Administrative support occupations, including clerical .....	29.9 (1.74)	51.7 (1.25)	50.1 (2.29)	58.7 (1.72)	54.6 (2.70)	1.1 ! (0.53)	‡ (†)	6.6 (0.98)	33.5 (2.70)	‡ (†)	27.7 (2.18)	73.8 (2.33)	
Service occupations .....	25.2 (1.82)	46.5 (1.38)	50.9 (2.74)	49.3 (2.24)	44.7 (2.47)	1.6 (0.39)	1.9 ! (0.88)	6.8 (1.42)	28.5 (2.64)	1.4 ! (0.57)	17.5 (2.10)	65.4 (2.71)	
Agriculture, forestry, and fishing occupations .....	14.3 ! (5.19)	26.4 (3.55)	34.3 (7.16)	46.4 (6.80)	44.4 (9.02)	‡ (†)	‡ (†)	‡ (†)	20.3 ! (6.92)	‡ (†)	21.6 ! (10.05)	64.0 (10.03)	
Mechanics and repairers .....	32.1 (4.72)	47.6 (2.70)	42.2 (5.44)	35.1 (3.40)	40.1 (5.10)	‡ (†)	‡ (†)	6.0 ! (1.89)	27.4 (4.26)	3.8 ! (1.38)	12.7 (3.18)	69.3 (4.27)	
Construction and extractive occupations .....	21.9 (3.38)	38.0 (2.45)	34.5 (4.78)	32.3 (3.19)	27.6 (3.73)	‡ (†)	1.1 ! (0.49)	3.2 ! (1.08)	12.3 (2.54)	5.2 ! (1.89)	11.4 (2.72)	72.3 (4.48)	
Precision production <sup>2</sup> .....	31.2 (6.09)	43.0 (4.32)	38.3 (8.48)	35.1 (6.19)	33.0 (3.98)	‡ (†)	0.4 ! (0.16)	4.2 ! (1.42)	22.2 (3.41)	‡ (†)	13.3 (2.99)	63.9 (3.46)	
Production workers .....	21.1 (2.31)	30.7 (1.29)	38.0 (3.47)	39.4 (2.82)	— (†)	— (†)	— (†)	— (†)	— (†)	‡ (†)	— (†)	— (†)	
Transportation, material moving .....	20.7 (4.69)	28.4 (2.32)	33.3 (4.25)	30.4 (3.29)	34.6 (5.27)	‡ (†)	‡ (†)	‡ (†)	14.7 (2.63)	3.2 ! (1.57)	11.2 (2.85)	60.8 (4.98)	
Handler, equipment, cleaners, helpers, and laborers .....	20.8 (3.49)	25.1 (2.70)	19.6 (4.56)	18.2 (3.20)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	
Miscellaneous occupations .....	— (†)	56.6 (3.61)	43.0 (7.98)	64.9 (7.07)	39.2 (11.25)	‡ (†)	‡ (†)	‡ (†)	15.7 ! (5.81)	‡ (†)	7.8 ! (3.63)	52.2 (12.32)	
<b>Annual household income</b>													
\$5,000 or less .....	13.6 (1.70)	21.3 (1.59)	21.0 (3.22)	25.1 (2.92)	35.9 (4.83)	‡ (†)	‡ (†)	3.6 ! (1.52)	13.7 (4.00)	‡ (†)	17.2 (3.59)	52.9 (4.97)	
\$5,001 to \$10,000 .....	17.5 (2.14)	23.9 (1.37)	24.5 (3.39)	28.0 (2.74)	29.6 (4.49)	2.4 ! (0.92)	1.5 ! (0.71)	1.7 ! (0.81)	8.4 (2.11)	‡ (†)	21.8 (4.75)	61.0 (3.75)	
\$10,001 to \$15,000 .....	22.8 (2.60)	26.7 (1.61)	22.8 (2.45)	28.6 (2.30)	25.0 (3.41)	2.4 (0.69)	0.8 ! (0.33)	3.3 ! (1.17)	11.3 (2.52)	‡ (†)	15.5 (3.14)	58.6 (4.43)	
\$15,001 to \$20,000 .....	21.9 (2.35)	31.8 (1.55)	31.4 (2.75)	30.2 (2.48)	24.3 (2.54)	1.0 ! (0.38)	‡ (†)	3.3 ! (1.19)	10.1 (1.37)	2.6 ! (1.20)	12.9 (2.00)	61.1 (3.17)	
\$20,001 to \$25,000 .....	26.7 (3.20)	31.4 (1.27)	35.8 (2.81)	35.2 (2.27)	28.2 (2.51)	1.7 ! (0.78)	1.9 ! (0.62)	4.4 (1.26)	12.8 (2.04)	1.1 ! (0.50)	13.6 (1.88)	63.2 (3.11)	
\$25,001 to \$30,000 .....	32.1 (2.51)	37.9 (1.47)	36.7 (2.61)	38.3 (2.43)	38.6 (3.63)	‡ (†)	1.3 ! (0.61)	6.8 ! (2.09)	20.2 (3.37)	‡ (†)	18.4 (2.52)	71.0 (3.38)	
\$30,001 to \$40,000 .....	35.6 (1.84)	42.7 (0.86)	45.2 (2.05)	44.6 (1.54)	42.7 (2.65)	1.9 ! (0.65)	1.0 ! (0.49)	3.7 (0.68)	22.8 (2.27)	1.1 ! (0.39)	23.0 (2.49)	68.7 (2.36)	
\$40,001 to \$50,000 .....	44.8 (1.84)	46.8 (1.39)	47.9 (2.31)	49.1 (1.93)	41.4 (2.92)	1.6 ! (0.53)	‡ (†)	2.9 (0.55)	22.4 (2.00)	1.5 ! (0.56)	20.5 (2.47)	71.9 (2.62)	
\$50,001 to \$75,000 .....	46.6 (2.03)	52.0 (0.94)	55.1 (1.80)	55.7 (1.48)	47.7 (1.74)	0.4 ! (0.19)	‡ (†)	5.8 (0.69)	33.0 (1.37)	0.9 ! (0.36)	20.5 (1.67)	70.6 (2.15)	
More than \$75,000 .....	48.7 (3.15)	58.0 (1.27)	56.9 (1.66)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	
\$75,001 to \$100,000 .....	— (†)	— (†)	— (†)	59.7 (1.91)	56.4 (2.28)	‡ (†)	‡ (†)	7.5 (0.89)	38.6 (2.26)	1.8 ! (0.64)	25.3 (1.51)	75.0 (1.97)	
More than \$100,000 .....	— (†)	— (†)	— (†)	59.3 (1.82)	58.4 (2.11)	‡ (†)	‡ (†)	6.1 (0.70)	39.4 (1.80)	‡ (†)	28.2 (1.62)	81.2 (1.68)	

—Not available.

†Not applicable.

!Interpret data with caution. The coefficient of variation (CV) for this estimate is between 30 and 50 percent.

‡Reporting standards not met. Either there are too few cases for a reliable estimate or the coefficient of variation (CV) is 50 percent or greater.

<sup>1</sup>Includes college and university degree programs, post-degree certificate programs, and vocational certificate programs.

<sup>2</sup>For 2005, figures include "Production workers" occupations data.

NOTE: Adult education is defined as all education activities, except full-time enrollment in higher education credential programs. Data do not include persons enrolled in high school or below. Race categories exclude persons of Hispanic ethnicity. SOURCE: U.S. Department of Education, National Center for Education Statistics, Adult Education Survey (AE-NHES:1991, AE-NHES:1995, AE-NHES:1999, and AE-NHES:2005) and Adult Education and Lifelong Learning Survey (AELL-NHES:2001) of the National Household Education Surveys Program. (This table was prepared November 2010.)

**Table 507.50a. Number, percentage, and percentage distribution of persons 16 to 65 years old who have work credentials or have completed a work experience program, by selected characteristics: 2016**  
[Standard errors appear in parentheses]

Selected characteristic	Total population ages 16 to 65 (in thousands)	Number who have work credentials or have completed a work experience program (in thousands)					Percent who have work credentials or have completed a work experience program					Percentage distribution of those who have work credentials or have completed a work experience program				
		Work credentials <sup>1</sup>			Work experience program <sup>5</sup>	Work credentials <sup>1</sup>			Work experience program <sup>5</sup>	Work credentials <sup>1</sup>			Work experience program <sup>5</sup>			
		Any work credentials <sup>2</sup>	Certification <sup>3</sup>	License <sup>4</sup>		Any work credentials <sup>2</sup>	Certification <sup>3</sup>	License <sup>4</sup>		Any work credentials	Certification <sup>3</sup>	License <sup>4</sup>				
1	2	3	4	5	6	7	8	9	10	11	12	13	14			
<b>Total</b> .....	<b>196,343</b> (#)	<b>41,394</b> (517.9)	<b>11,787</b> (347.2)	<b>34,478</b> (488.6)	<b>41,283</b> (616.2)	<b>21.1</b> (0.26)	<b>6.0</b> (0.18)	<b>17.6</b> (0.25)	<b>21.0</b> (0.31)	<b>100.0</b> (†)	<b>100.0</b> (†)	<b>100.0</b> (†)	<b>100.0</b> (†)			
<b>Sex</b>																
Male .....	91,182 (666.5)	17,250 (435.7)	5,851 (239.9)	13,811 (420.4)	16,102 (426.6)	18.9 (0.46)	6.4 (0.26)	15.1 (0.45)	17.7 (0.44)	41.7 (0.90)	49.6 (1.67)	40.1 (1.00)	39.0 (0.80)			
Female .....	105,161 (666.5)	24,144 (469.8)	5,936 (282.5)	20,667 (415.8)	25,182 (476.7)	23.0 (0.40)	5.6 (0.26)	19.7 (0.36)	23.9 (0.42)	58.3 (0.90)	50.4 (1.67)	59.9 (1.00)	61.0 (0.80)			
<b>Race/ethnicity</b>																
White .....	120,744 (363.1)	28,671 (413.1)	8,264 (293.9)	23,867 (385.4)	28,691 (491.6)	23.7 (0.33)	6.8 (0.24)	19.8 (0.31)	23.8 (0.40)	69.3 (0.63)	70.1 (1.32)	69.2 (0.69)	69.5 (0.60)			
Black .....	24,033 (#)	4,812 (222.1)	1,169 (108.0)	4,182 (230.6)	4,248 (165.0)	20.0 (0.92)	4.9 (0.45)	17.4 (0.96)	17.7 (0.69)	11.6 (0.50)	9.9 (0.91)	12.1 (0.64)	10.3 (0.37)			
Hispanic .....	33,546 (#)	4,793 (215.0)	1,413 (127.8)	3,902 (195.7)	4,139 (198.8)	14.3 (0.64)	4.2 (0.38)	11.6 (0.58)	12.3 (0.59)	11.6 (0.48)	12.0 (0.97)	11.3 (0.51)	10.0 (0.45)			
Asian .....	11,278 (313.2)	1,969 (130.7)	571 (64.5)	1,594 (118.5)	2,734 (139.1)	17.5 (1.09)	5.1 (0.56)	14.1 (1.00)	24.2 (1.05)	4.8 (0.32)	4.8 (0.56)	4.6 (0.34)	6.6 (0.33)			
Pacific Islander .....	678 (96.8)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	9.6 ! (3.54)	2.7 ! (1.23)	8.7 ! (3.53)	17.4 (4.58)	0.2 ! (0.06)	0.2 ! (0.07)	0.2 ! (0.07)	0.3 (0.07)			
American Indian/Alaska Native .....	1,329 (125.3)	149 (29.9)	‡ (†)	126 (28.6)	218 (49.6)	11.2 (2.29)	2.6 ! (1.00)	9.5 (2.18)	16.4 (3.37)	0.4 (0.07)	0.3 ! (0.11)	0.4 (0.08)	0.5 (0.12)			
Two or more races .....	4,734 (222.8)	935 (101.8)	316 (49.9)	749 (97.6)	1,135 (99.3)	19.8 (1.90)	6.7 (0.98)	15.8 (1.90)	24.0 (1.76)	2.3 (0.24)	2.7 (0.41)	2.2 (0.28)	2.7 (0.24)			
<b>Age group</b>																
16 to 24 years old .....	27,302 (165.5)	2,421 (153.8)	738 (87.2)	1,864 (144.4)	5,545 (241.3)	8.9 (0.57)	2.7 (0.32)	6.8 (0.54)	20.3 (0.89)	5.8 (0.37)	6.3 (0.73)	5.4 (0.41)	13.4 (0.54)			
25 to 34 years old .....	41,619 (286.7)	9,488 (296.1)	2,935 (174.6)	7,784 (267.2)	12,868 (387.5)	22.8 (0.66)	7.1 (0.42)	18.7 (0.60)	30.9 (0.89)	22.9 (0.63)	24.9 (1.20)	22.6 (0.68)	31.2 (0.74)			
35 to 44 years old .....	40,044 (285.4)	10,402 (339.9)	3,035 (177.2)	8,606 (335.5)	9,602 (313.0)	26.0 (0.82)	7.6 (0.44)	21.5 (0.82)	24.0 (0.77)	25.1 (0.70)	25.7 (1.11)	25.0 (0.80)	23.3 (0.67)			
45 to 54 years old .....	41,778 (276.7)	9,869 (267.1)	2,724 (161.3)	8,333 (235.4)	6,915 (259.2)	23.6 (0.63)	6.5 (0.39)	19.9 (0.56)	16.6 (0.62)	23.8 (0.61)	23.1 (1.22)	24.2 (0.66)	16.7 (0.58)			
55 to 65 years old .....	45,599 (176.5)	9,215 (179.9)	2,356 (100.9)	7,891 (165.7)	6,353 (125.1)	20.2 (0.38)	5.2 (0.22)	17.3 (0.36)	13.9 (0.28)	22.3 (0.41)	20.0 (0.89)	22.9 (0.50)	15.4 (0.34)			
<b>Highest level of education</b>																
Less than high school .....	21,297 (#)	1,103 (124.8)	392 (68.1)	849 (107.7)	596 (97.5)	5.2 (0.59)	1.8 (0.32)	4.0 (0.51)	2.8 (0.46)	2.7 (0.30)	3.3 (0.57)	2.5 (0.31)	1.4 (0.24)			
High school (or equivalent) .....	52,605 (#)	6,020 (227.8)	1,688 (152.5)	4,869 (192.6)	3,610 (235.6)	11.4 (0.43)	3.2 (0.29)	9.3 (0.37)	6.9 (0.45)	14.5 (0.52)	14.3 (1.14)	14.1 (0.55)	8.7 (0.52)			
Some college, no degree .....	43,815 (543.3)	8,085 (248.2)	2,554 (153.2)	6,509 (236.4)	5,874 (259.9)	18.5 (0.50)	5.8 (0.35)	14.9 (0.48)	13.4 (0.56)	19.5 (0.54)	21.7 (1.13)	18.9 (0.62)	14.2 (0.57)			
Some college credit, but less than 1 year .....	13,936 (352.8)	2,481 (165.0)	801 (94.1)	1,973 (141.1)	1,483 (118.7)	17.8 (1.15)	5.7 (0.66)	14.2 (0.99)	10.6 (0.76)	6.0 (0.39)	6.8 (0.78)	5.7 (0.40)	3.6 (0.28)			
One or more years of college credit, no degree .....	29,879 (477.6)	5,604 (228.4)	1,753 (142.4)	4,537 (208.1)	4,391 (223.5)	18.8 (0.70)	5.9 (0.48)	15.2 (0.62)	14.7 (0.71)	13.5 (0.52)	14.9 (1.12)	13.2 (0.56)	10.6 (0.49)			
Associate's degree .....	16,317 (386.2)	4,976 (233.8)	1,505 (146.9)	4,083 (205.0)	4,201 (202.0)	30.5 (1.08)	9.2 (0.84)	25.0 (0.99)	25.7 (1.01)	12.0 (0.53)	12.8 (1.10)	11.8 (0.55)	10.2 (0.47)			
Bachelor's degree .....	41,861 (435.3)	11,450 (295.9)	3,539 (167.7)	9,438 (263.9)	15,550 (346.6)	27.4 (0.65)	8.5 (0.38)	22.5 (0.60)	37.1 (0.74)	27.7 (0.64)	30.0 (1.31)	27.4 (0.68)	37.7 (0.66)			
Graduate or professional degree .....	20,449 (#)	9,760 (204.6)	2,109 (117.7)	8,731 (215.4)	11,453 (204.0)	47.7 (1.00)	10.3 (0.58)	42.7 (1.05)	56.0 (1.00)	23.6 (0.44)	17.9 (1.02)	25.3 (0.51)	27.7 (0.47)			
<b>Labor force and employment status</b>																
In labor force <sup>6</sup> .....	142,347 (531.9)	35,636 (485.0)	10,384 (314.2)	29,519 (475.6)	33,399 (561.1)	25.0 (0.35)	7.3 (0.22)	20.7 (0.35)	23.5 (0.38)	86.1 (0.48)	88.1 (0.96)	85.6 (0.56)	80.9 (0.67)			
Employed .....	127,795 (539.9)	33,924 (452.9)	9,766 (297.5)	28,213 (443.6)	31,232 (545.4)	26.5 (0.37)	7.6 (0.23)	22.1 (0.37)	24.4 (0.43)	82.0 (0.55)	82.9 (1.06)	81.8 (0.61)	75.7 (0.76)			
Underemployed <sup>7</sup> .....	14,333 (407.7)	2,337 (147.7)	786 (84.2)	1,895 (118.5)	2,935 (194.3)	16.3 (0.98)	5.5 (0.57)	13.2 (0.79)	20.5 (1.27)	5.6 (0.36)	6.7 (0.72)	5.5 (0.34)	7.1 (0.45)			
Not underemployed .....	113,461 (544.7)	31,587 (459.7)	8,980 (286.2)	26,318 (439.8)	28,297 (512.9)	27.8 (0.40)	7.9 (0.25)	23.2 (0.38)	24.9 (0.46)	76.3 (0.64)	76.2 (1.00)	76.3 (0.69)	68.5 (0.81)			
Unemployed <sup>8</sup> .....	14,552 (433.6)	1,712 (137.0)	618 (71.3)	1,306 (124.9)	2,167 (147.5)	11.8 (0.94)	4.2 (0.50)	9.0 (0.86)	14.9 (0.91)	4.1 (0.32)	5.2 (0.57)	3.8 (0.35)	5.2 (0.34)			
Not in labor force .....	53,995 (531.9)	5,758 (210.6)	1,403 (123.9)	4,960 (197.7)	7,884 (305.2)	10.7 (0.37)	2.6 (0.23)	9.2 (0.35)	14.6 (0.55)	13.9 (0.48)	11.9 (0.96)	14.4 (0.56)	19.1 (0.67)			
<b>Earnings over past 12 months<sup>9</sup></b>																
\$0 to \$20,000 .....	50,030 (#)	6,892 (270.4)	1,799 (112.7)	5,706 (247.4)	8,210 (301.9)	13.8 (0.54)	3.6 (0.23)	11.4 (0.49)	16.4 (0.60)	18.3 (0.66)	16.7 (0.89)	18.1 (0.73)	23.0 (0.74)			
\$20,001 to \$50,000 .....	54,796 (#)	13,096 (366.4)	3,536 (196.5)	11,026 (336.7)	11,813 (284.9)	23.9 (0.67)	6.5 (0.36)	20.1 (0.61)	21.6 (0.52)	34.7 (0.76)	32.9 (1.32)	35.0 (0.85)	33.1 (0.71)			
\$50,001 or more .....	48,180 (#)	17,762 (295.0)	5,419 (185.2)	14,731 (301.6)	15,718 (366.9)	36.9 (0.61)	11.2 (0.38)	30.6 (0.63)	32.6 (0.76)	47.1 (0.70)	50.4 (1.41)	46.8 (0.80)	44.0 (0.68)			

See notes at end of table.

**Table 507.50a. Number, percentage, and percentage distribution of persons 16 to 65 years old who have work credentials or have completed a work experience program, by selected characteristics: 2016—Continued**  
 [Standard errors appear in parentheses]

Selected characteristic	Total population ages 16 to 65 (in thousands)	Number who have work credentials or have completed a work experience program (in thousands)				Percent who have work credentials or have completed a work experience program				Percentage distribution of those who have work credentials or have completed a work experience program				
		Work credentials <sup>1</sup>			Work experience program <sup>5</sup>	Work credentials <sup>1</sup>			Work experience program <sup>5</sup>	Work credentials <sup>1</sup>			Work experience program <sup>5</sup>	
		Any work credentials <sup>2</sup>	Certification <sup>3</sup>	License <sup>4</sup>		Any work credentials <sup>2</sup>	Certification <sup>3</sup>	License <sup>4</sup>		Any work credentials	Certification <sup>3</sup>	License <sup>4</sup>		
1	2	3	4	5	6	7	8	9	10	11	12	13	14	
Occupational field (among ever-employed adults)														
Business management and operations (except financial).....	20,316 (368.4)	3,949 (154.5)	1,600 (98.0)	2,774 (130.2)	5,186 (182.6)	19.4 (0.76)	7.9 (0.47)	13.7 (0.67)	25.5 (0.83)	9.6 (0.38)	13.7 (0.89)	8.1 (0.37)	12.7 (0.44)	
Financial specialists.....	3,934 (167.5)	1,167 (98.4)	505 (64.0)	849 (83.4)	1,109 (104.6)	29.7 (2.29)	12.8 (1.51)	21.6 (2.07)	28.2 (2.21)	2.8 (0.23)	4.3 (0.53)	2.5 (0.24)	2.7 (0.26)	
Scientists, engineers, and architects.....	5,004 (183.5)	1,174 (104.2)	502 (59.6)	820 (80.5)	2,109 (133.8)	23.5 (1.81)	10.0 (1.10)	16.4 (1.50)	42.1 (2.17)	2.9 (0.25)	4.3 (0.52)	2.4 (0.23)	5.2 (0.32)	
Computer occupations.....	4,443 (211.1)	677 (68.5)	557 (64.9)	201 (31.3)	1,358 (119.6)	15.2 (1.44)	12.5 (1.33)	4.5 (0.73)	30.6 (2.06)	1.6 (0.17)	4.8 (0.54)	0.6 (0.09)	3.3 (0.29)	
Community, social service, and legal.....	4,655 (188.8)	2,023 (131.3)	378 (51.6)	1,807 (113.1)	2,515 (146.6)	43.5 (2.24)	8.1 (1.09)	38.8 (1.90)	54.0 (2.51)	4.9 (0.32)	3.2 (0.43)	5.3 (0.33)	6.2 (0.36)	
Education and library occupations.....	11,842 (363.7)	5,812 (267.7)	725 (80.3)	5,554 (255.3)	5,274 (238.4)	49.1 (1.45)	6.1 (0.62)	46.9 (1.41)	44.5 (1.31)	14.2 (0.59)	6.2 (0.68)	16.2 (0.67)	12.9 (0.55)	
Arts, design, entertainment, and media.....	3,612 (163.0)	294 (48.6)	170 (45.0)	197 (34.7)	1,420 (102.4)	8.1 (1.36)	4.7 (1.24)	5.5 (0.97)	39.3 (2.19)	0.7 (0.12)	1.5 (0.39)	0.6 (0.10)	3.5 (0.25)	
Healthcare.....	13,226 (344.2)	9,196 (279.8)	1,945 (136.1)	8,425 (258.4)	6,889 (246.0)	69.5 (1.44)	14.7 (0.97)	63.7 (1.44)	52.1 (1.54)	22.4 (0.66)	16.7 (1.08)	24.6 (0.73)	16.9 (0.52)	
Protective services.....	3,443 (173.6)	1,355 (127.4)	268 (67.1)	1,265 (117.1)	655 (77.6)	39.4 (2.96)	7.8 (1.86)	36.7 (2.74)	19.0 (2.11)	3.3 (0.30)	2.3 (0.56)	3.7 (0.33)	1.6 (0.19)	
Food preparation and serving.....	10,035 (352.4)	678 (78.2)	188 (34.1)	558 (75.8)	993 (94.4)	6.8 (0.80)	1.9 (0.34)	5.6 (0.78)	9.9 (0.94)	1.7 (0.19)	1.6 (0.29)	1.6 (0.22)	2.4 (0.22)	
Personal, building, and grounds services.....	14,062 (453.1)	2,353 (155.2)	632 (79.9)	2,072 (145.8)	1,611 (129.2)	16.7 (1.07)	4.5 (0.58)	14.7 (1.01)	11.5 (0.86)	5.7 (0.37)	5.4 (0.63)	6.1 (0.43)	4.0 (0.32)	
Sales.....	17,553 (430.1)	2,703 (153.1)	692 (88.1)	2,281 (142.0)	2,463 (168.5)	15.4 (0.83)	3.9 (0.49)	13.0 (0.80)	14.0 (0.93)	6.6 (0.37)	5.9 (0.74)	6.7 (0.40)	6.0 (0.40)	
Administrative support.....	26,240 (457.6)	2,450 (153.4)	858 (118.0)	1,810 (120.2)	3,658 (184.8)	9.3 (0.57)	3.3 (0.44)	6.9 (0.46)	13.9 (0.61)	6.0 (0.36)	7.4 (0.95)	5.3 (0.33)	9.0 (0.44)	
Manufacturing and farming.....	11,073 (362.4)	952 (92.9)	387 (58.5)	681 (90.1)	1,068 (114.7)	8.6 (0.82)	3.5 (0.53)	6.1 (0.80)	9.6 (0.99)	2.3 (0.23)	3.3 (0.51)	2.0 (0.27)	2.6 (0.28)	
Construction and extraction.....	7,843 (314.7)	1,357 (114.0)	425 (71.2)	1,100 (85.8)	1,150 (109.5)	17.3 (1.23)	5.4 (0.85)	14.0 (1.00)	14.7 (1.30)	3.3 (0.28)	3.6 (0.60)	3.2 (0.25)	2.8 (0.26)	
Installation and repair.....	5,061 (241.6)	1,371 (121.5)	702 (93.7)	963 (95.3)	772 (98.7)	27.1 (1.89)	13.9 (1.61)	19.0 (1.71)	15.2 (1.80)	3.3 (0.29)	6.0 (0.76)	2.8 (0.27)	1.9 (0.24)	
Transportation.....	10,248 (325.6)	1,646 (141.7)	316 (49.1)	1,467 (139.8)	700 (90.2)	16.1 (1.32)	3.1 (0.48)	14.3 (1.31)	6.8 (0.85)	4.0 (0.34)	2.7 (0.41)	4.3 (0.40)	1.7 (0.21)	
Military.....	940 (100.2)	† (†)	† (†)	† (†)	† (†)	14.5 (4.13)	6.0 ! (2.47)	12.2 ! (4.02)	13.1 (3.74)	0.3 (0.10)	0.5 ! (0.20)	0.3 ! (0.11)	0.3 ! (0.09)	
Unknown.....	13,846 (409.5)	1,758 (141.7)	754 (94.2)	1,284 (119.1)	1,729 (148.7)	12.7 (0.96)	5.4 (0.65)	9.3 (0.82)	12.5 (1.01)	4.3 (0.34)	6.5 (0.77)	3.8 (0.34)	4.2 (0.36)	

†Not applicable.

#Rounds to zero.

!Interpret data with caution. The coefficient of variation (CV) for this estimate is between 30 and 50 percent.

‡Reporting standards not met (too few cases for a reliable estimate).

<sup>1</sup>"Work credentials" include only occupational certifications and licenses, as defined in footnotes 3 and 4. They do not include postsecondary degrees and certificates.

<sup>2</sup>Respondents who reported having both a certification and a license were counted only once under "Any work credentials." Therefore, estimates of those with any work credentials are less than the sum of those with certifications plus those with licenses.

<sup>3</sup>A certification is an occupational credential awarded by a certification body—such as a professional association or certifying board—based on an individual demonstrating through an examination process that he or she has acquired the designated knowledge, skills, and abilities to perform a specific job; examples include Cisco Certified Network Associate (CCNA) certification and medical technician certification.

<sup>4</sup>A license is an occupational credential awarded by a government agency that constitutes legal authority to do a specific job; examples include a medical license and an electrician's license.

<sup>5</sup>A work experience program is defined in the survey as an internship, co-op, practicum, clerkship, externship, residency, clinical experience, apprenticeship, or similar program.

<sup>6</sup>Respondents were considered to be in the labor force if they reported either being employed the previous week or actively looking for work during the previous 4 weeks.

<sup>7</sup>Employed persons were considered underemployed if they worked only at a part-time job or jobs but would prefer a full-time job (at least 35 hours per week) or they worked at a temporary job but would prefer a permanent job. Persons who worked at a part-time job but also had a full-time permanent job were not considered underemployed.

<sup>8</sup>Respondents were considered to be unemployed if they were in the labor force but were not employed (i.e., they were looking for work). Percentages in this row represent unemployed persons as a percentage of all persons (including persons who were not in the labor force), which is not the same as the "unemployment rate" shown in some other tables. (The unemployment rate represents unemployed persons as a percentage of labor force participants only.)

<sup>9</sup>Excludes respondents who reported that they never worked for pay or last worked over 12 months ago.

NOTE: Survey respondents were noninstitutionalized 16- to 65-year-olds who were not enrolled in high school at the time of sampling (although they could be enrolled in college). Race categories exclude persons of Hispanic ethnicity. Detail may not sum to totals because of rounding.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Adult Training and Education Survey of the National Household Education Surveys Program (ATES-NHES:2016). (This table was prepared January 2018.)

**Table 507.50b. Percentage and percentage distribution of those 16- to 65-year-olds who have work credentials or have completed a work experience program, by college degree attainment status and selected characteristics: 2016**

[Standard errors appear in parentheses]

Selected characteristic	All 16- to 65-year-olds who have work credentials or have completed a work experience program				Those without a college degree <sup>1</sup>				Those with a college degree <sup>2</sup>				
	Work credentials <sup>3</sup>			Work experience program <sup>6</sup>	Work credentials <sup>3</sup>			Work experience program <sup>6</sup>	Work credentials <sup>3</sup>			Work experience program <sup>6</sup>	
	Any work credentials	Certification <sup>4</sup>	License <sup>5</sup>		Any work credentials	Certification <sup>4</sup>	License <sup>5</sup>		Any work credentials	Certification <sup>4</sup>	License <sup>5</sup>		
1	2	3	4	5	6	7	8	9	10	11	12	13	
	Percent												
Work credential field <sup>7</sup>													
Science, engineering, and mathematics.....	5.2 (0.29)	12.7 (0.78)	2.0 (0.21)	† (†)	3.2 (0.41)	8.2 (1.16)	1.0 (0.29)	† (†)	6.3 (0.40)	15.6 (1.15)	2.6 (0.27)	† (†)	
Business.....	7.9 (0.40)	13.8 (0.89)	5.0 (0.37)	† (†)	4.4 (0.48)	5.4 (0.64)	3.5 (0.58)	† (†)	10.0 (0.54)	19.2 (1.36)	5.9 (0.43)	† (†)	
Finance, insurance, and real estate.....	9.7 (0.49)	5.7 (0.58)	10.1 (0.54)	† (†)	9.7 (0.74)	4.2 (0.82)	10.6 (0.84)	† (†)	9.8 (0.63)	6.7 (0.86)	9.9 (0.69)	† (†)	
Healthcare.....	30.7 (0.66)	19.3 (1.17)	32.9 (0.77)	† (†)	25.9 (1.14)	20.2 (2.22)	25.7 (1.32)	† (†)	33.4 (0.84)	18.8 (1.41)	36.9 (0.92)	† (†)	
Personal care and services.....	7.4 (0.36)	4.1 (0.47)	7.6 (0.41)	† (†)	12.8 (0.85)	4.8 (0.74)	14.1 (0.99)	† (†)	4.3 (0.40)	3.5 (0.61)	4.0 (0.42)	† (†)	
Public and social services.....	15.6 (0.61)	9.7 (0.96)	15.9 (0.63)	† (†)	15.2 (1.10)	10.0 (1.63)	15.4 (1.19)	† (†)	15.8 (0.66)	9.5 (0.99)	16.1 (0.69)	† (†)	
Teaching and instruction.....	16.2 (0.59)	6.9 (0.81)	17.5 (0.62)	† (†)	3.8 (0.59)	4.5 (1.05)	3.1 (0.57)	† (†)	23.4 (0.80)	8.4 (1.08)	25.5 (0.83)	† (†)	
Trades.....	14.4 (0.51)	15.2 (1.02)	13.1 (0.60)	† (†)	29.1 (1.21)	26.5 (2.07)	28.3 (1.47)	† (†)	5.9 (0.34)	7.9 (0.88)	4.7 (0.31)	† (†)	
Other fields.....	1.7 (0.19)	2.5 (0.40)	1.2 (0.16)	† (†)	1.5 (0.29)	2.4 (0.63)	0.9 (0.28)	† (†)	1.9 (0.22)	2.6 (0.42)	1.4 (0.21)	† (†)	
Unknown.....	13.9 (0.53)	19.0 (1.05)	11.9 (0.58)	† (†)	16.3 (1.00)	21.6 (2.12)	14.1 (1.04)	† (†)	12.5 (0.68)	17.3 (1.21)	10.7 (0.75)	† (†)	
	Percentage distribution												
Field of last work experience program													
Construction.....	† (†)	† (†)	† (†)	5.5 (0.37)	† (†)	† (†)	† (†)	17.1 (1.23)	† (†)	† (†)	† (†)	1.8 (0.21)	
Healthcare.....	† (†)	† (†)	† (†)	26.5 (0.59)	† (†)	† (†)	† (†)	31.2 (1.50)	† (†)	† (†)	† (†)	24.9 (0.68)	
Accounting, finance, insurance, or real estate.....	† (†)	† (†)	† (†)	5.6 (0.34)	† (†)	† (†)	† (†)	4.0 (0.64)	† (†)	† (†)	† (†)	6.1 (0.38)	
Chef, cook, or food preparation.....	† (†)	† (†)	† (†)	1.5 (0.18)	† (†)	† (†)	† (†)	2.9 (0.55)	† (†)	† (†)	† (†)	1.0 (0.16)	
Computer networking or information technology ..	† (†)	† (†)	† (†)	4.8 (0.32)	† (†)	† (†)	† (†)	3.8 (0.69)	† (†)	† (†)	† (†)	5.1 (0.38)	
Engineering or architecture.....	† (†)	† (†)	† (†)	6.0 (0.35)	† (†)	† (†)	† (†)	3.0 (0.52)	† (†)	† (†)	† (†)	6.9 (0.44)	
Law enforcement, security, or firefighting.....	† (†)	† (†)	† (†)	2.1 (0.22)	† (†)	† (†)	† (†)	2.9 (0.71)	† (†)	† (†)	† (†)	1.8 (0.24)	
Legal practice.....	† (†)	† (†)	† (†)	3.7 (0.29)	† (†)	† (†)	† (†)	1.3 ! (0.49)	† (†)	† (†)	† (†)	4.5 (0.35)	
Management or administration.....	† (†)	† (†)	† (†)	5.3 (0.31)	† (†)	† (†)	† (†)	4.5 (0.69)	† (†)	† (†)	† (†)	5.5 (0.37)	
Mechanic or repair work.....	† (†)	† (†)	† (†)	0.9 (0.12)	† (†)	† (†)	† (†)	2.7 (0.45)	† (†)	† (†)	† (†)	0.4 (0.09)	
Social work, counseling, or religious vocations ...	† (†)	† (†)	† (†)	6.5 (0.35)	† (†)	† (†)	† (†)	1.8 (0.39)	† (†)	† (†)	† (†)	8.1 (0.45)	
Teaching.....	† (†)	† (†)	† (†)	12.7 (0.58)	† (†)	† (†)	† (†)	2.7 (0.56)	† (†)	† (†)	† (†)	15.9 (0.73)	
Utility or telecommunications technician.....	† (†)	† (†)	† (†)	1.1 (0.19)	† (†)	† (†)	† (†)	1.4 ! (0.46)	† (†)	† (†)	† (†)	1.0 (0.20)	
Other fields <sup>8</sup> .....	† (†)	† (†)	† (†)	17.9 (0.56)	† (†)	† (†)	† (†)	20.8 (1.34)	† (†)	† (†)	† (†)	17.0 (0.58)	
Occupational field (among ever-employed adults)													
Business management and operations (except financial).....	9.6 (0.38)	13.7 (0.89)	8.1 (0.37)	12.7 (0.44)	7.7 (0.64)	8.8 (1.23)	7.4 (0.65)	6.5 (0.77)	10.7 (0.51)	16.9 (1.21)	8.5 (0.50)	14.7 (0.52)	
Financial specialists.....	2.8 (0.23)	4.3 (0.53)	2.5 (0.24)	2.7 (0.26)	0.8 (0.18)	1.1 ! (0.42)	0.7 (0.17)	0.5 ! (0.22)	4.0 (0.34)	6.4 (0.83)	3.4 (0.35)	3.4 (0.32)	
Scientists, engineers, and architects.....	2.9 (0.25)	4.3 (0.52)	2.4 (0.23)	5.2 (0.32)	0.5 (0.12)	1.0 ! (0.34)	0.3 (0.09)	2.7 (0.53)	4.2 (0.40)	6.4 (0.81)	3.5 (0.36)	6.0 (0.39)	
Computer occupations.....	1.6 (0.17)	4.8 (0.54)	0.6 (0.09)	3.3 (0.29)	0.9 (0.23)	2.5 (0.71)	0.5 (0.14)	2.0 (0.55)	2.1 (0.24)	6.2 (0.83)	0.6 (0.12)	3.7 (0.34)	
Community, social service, and legal.....	4.9 (0.32)	3.2 (0.43)	5.3 (0.33)	6.2 (0.36)	0.8 ! (0.26)	‡ (†)	0.6 ! (0.24)	0.8 (0.18)	7.3 (0.46)	4.6 (0.57)	7.8 (0.49)	7.9 (0.46)	
Education and library occupations.....	14.2 (0.59)	6.2 (0.68)	16.2 (0.67)	12.9 (0.55)	3.0 (0.46)	2.3 (0.67)	3.2 (0.56)	3.8 (0.74)	20.6 (0.83)	8.7 (0.95)	23.3 (0.88)	15.8 (0.67)	
Arts, design, entertainment, and media.....	0.7 (0.12)	1.5 (0.39)	0.6 (0.10)	3.5 (0.25)	0.5 (0.16)	1.1 ! (0.44)	0.5 ! (0.18)	1.4 (0.29)	0.8 (0.13)	1.7 (0.45)	0.6 (0.13)	4.2 (0.33)	
Healthcare.....	22.4 (0.66)	16.7 (1.08)	24.6 (0.73)	16.9 (0.52)	15.4 (0.97)	12.4 (1.52)	15.5 (1.13)	14.0 (1.15)	26.4 (0.86)	19.4 (1.49)	29.6 (0.91)	17.8 (0.64)	
Protective services.....	3.3 (0.30)	2.3 (0.56)	3.7 (0.33)	1.6 (0.19)	4.7 (0.61)	3.5 ! (1.17)	5.2 (0.69)	2.3 (0.49)	2.5 (0.29)	1.5 ! (0.57)	2.9 (0.34)	1.4 (0.20)	
Food preparation and serving.....	1.7 (0.19)	1.6 (0.29)	1.6 (0.22)	2.4 (0.22)	3.4 (0.47)	2.8 (0.51)	3.6 (0.57)	5.6 (0.81)	0.7 (0.14)	0.9 ! (0.29)	0.6 (0.15)	1.4 (0.18)	
Personal, building, and grounds services.....	5.7 (0.37)	5.4 (0.63)	6.1 (0.43)	4.0 (0.32)	11.5 (0.91)	10.0 (1.54)	12.7 (1.09)	7.7 (0.95)	2.4 (0.24)	2.5 (0.41)	2.5 (0.26)	2.8 (0.27)	
Sales.....	6.6 (0.37)	5.9 (0.74)	6.7 (0.40)	6.0 (0.40)	8.8 (0.76)	6.7 (1.14)	9.0 (0.87)	8.2 (1.14)	5.3 (0.40)	5.5 (0.88)	5.4 (0.45)	5.3 (0.36)	
Administrative support.....	6.0 (0.36)	7.4 (0.95)	5.3 (0.33)	9.0 (0.44)	8.4 (0.69)	9.1 (1.50)	8.0 (0.67)	13.3 (1.15)	4.6 (0.44)	6.3 (1.04)	3.8 (0.43)	7.6 (0.49)	
Manufacturing and farming.....	2.3 (0.23)	3.3 (0.51)	2.0 (0.27)	2.6 (0.28)	3.8 (0.45)	4.8 (0.97)	3.5 (0.52)	6.5 (0.90)	1.4 (0.23)	2.4 (0.53)	1.2 (0.26)	1.4 (0.21)	
Construction and extraction.....	3.3 (0.28)	3.6 (0.60)	3.2 (0.25)	2.8 (0.26)	7.1 (0.68)	6.2 (1.21)	7.3 (0.65)	8.9 (0.81)	1.1 (0.20)	2.0 ! (0.64)	1.0 (0.21)	0.9 (0.17)	
Installation and repair.....	3.3 (0.29)	6.0 (0.76)	2.8 (0.27)	1.9 (0.24)	6.6 (0.70)	11.0 (1.78)	5.8 (0.63)	5.2 (0.80)	1.5 (0.24)	2.8 (0.59)	1.2 (0.23)	0.8 (0.17)	
Transportation.....	4.0 (0.34)	2.7 (0.41)	4.3 (0.40)	1.7 (0.21)	9.0 (0.93)	5.5 (1.05)	10.0 (1.10)	4.3 (0.68)	1.1 (0.15)	1.0 (0.25)	1.2 (0.16)	0.9 (0.15)	
Military.....	0.3 (0.10)	0.5 ! (0.20)	0.3 ! (0.11)	0.3 ! (0.09)	0.6 ! (0.24)	‡ (†)	0.6 ! (0.29)	‡ (†)	0.2 ! (0.08)	‡ (†)	0.2 ! (0.08)	0.4 ! (0.12)	
Unknown.....	4.3 (0.34)	6.5 (0.77)	3.8 (0.34)	4.2 (0.36)	6.4 (0.68)	9.5 (1.41)	5.6 (0.75)	6.2 (1.01)	3.0 (0.33)	4.6 (0.79)	2.7 (0.33)	3.6 (0.32)	

See notes at end of table.

**Table 507.50b. Percentage and percentage distribution of those 16- to 65-year-olds who have work credentials or have completed a work experience program, by college degree attainment status and selected characteristics: 2016—Continued**

[Standard errors appear in parentheses]

Selected characteristic	All 16- to 65-year-olds who have work credentials or have completed a work experience program				Those without a college degree <sup>1</sup>				Those with a college degree <sup>2</sup>				
	Work credentials <sup>3</sup>			Work experience program <sup>6</sup>	Work credentials <sup>3</sup>			Work experience program <sup>6</sup>	Work credentials <sup>3</sup>			Work experience program <sup>6</sup>	
	Any work credentials	Certification <sup>4</sup>	License <sup>5</sup>		Any work credentials	Certification <sup>4</sup>	License <sup>5</sup>		Any work credentials	Certification <sup>4</sup>	License <sup>5</sup>		
1	2	3	4	5	6	7	8	9	10	11	12	13	
<b>Labor force and employment status</b>													
In labor force <sup>9</sup> .....	86.1 (0.48)	88.1 (0.96)	85.6 (0.56)	80.9 (0.67)	82.2 (1.03)	82.5 (2.06)	81.8 (1.13)	68.3 (1.65)	88.3 (0.54)	91.7 (0.91)	87.7 (0.62)	85.0 (0.68)	
Employed.....	82.0 (0.55)	82.9 (1.06)	81.8 (0.61)	75.7 (0.76)	75.9 (1.26)	74.3 (2.22)	76.3 (1.37)	59.5 (1.84)	85.5 (0.62)	88.4 (1.09)	84.9 (0.70)	80.9 (0.69)	
Underemployed <sup>10</sup> .....	5.6 (0.36)	6.7 (0.72)	5.5 (0.34)	7.1 (0.45)	6.4 (0.59)	7.9 (1.36)	6.0 (0.61)	9.4 (0.97)	5.2 (0.42)	5.9 (0.81)	5.2 (0.39)	6.4 (0.48)	
Not underemployed.....	76.3 (0.64)	76.2 (1.00)	76.3 (0.69)	68.5 (0.81)	69.4 (1.32)	66.5 (2.15)	70.3 (1.42)	50.1 (1.84)	80.3 (0.75)	82.5 (1.28)	79.6 (0.80)	74.5 (0.82)	
Unemployed <sup>11</sup> .....	4.1 (0.32)	5.2 (0.57)	3.8 (0.35)	5.2 (0.34)	6.3 (0.74)	8.2 (1.27)	5.5 (0.77)	8.8 (0.95)	2.9 (0.33)	3.3 (0.62)	2.9 (0.37)	4.1 (0.29)	
Not in labor force.....	13.9 (0.48)	11.9 (0.96)	14.4 (0.56)	19.1 (0.67)	17.8 (1.03)	17.5 (2.06)	18.2 (1.13)	31.7 (1.65)	11.7 (0.54)	8.3 (0.91)	12.3 (0.62)	15.0 (0.68)	
<b>Earnings over past 12 months<sup>12</sup></b>													
\$0 to \$20,000.....	18.3 (0.66)	16.7 (0.89)	18.1 (0.73)	23.0 (0.74)	28.8 (1.31)	25.3 (1.59)	29.2 (1.56)	43.3 (1.77)	12.4 (0.59)	11.6 (1.14)	12.3 (0.63)	17.1 (0.78)	
\$20,001 to \$50,000.....	34.7 (0.76)	32.9 (1.32)	35.0 (0.85)	33.1 (0.71)	44.2 (1.67)	46.1 (2.23)	43.4 (1.85)	36.6 (1.84)	29.4 (0.87)	25.0 (1.59)	30.6 (0.99)	32.0 (0.79)	
\$50,001 or more.....	47.1 (0.70)	50.4 (1.41)	46.8 (0.80)	44.0 (0.68)	27.0 (1.27)	28.6 (2.21)	27.4 (1.38)	20.1 (1.40)	58.2 (0.90)	63.4 (1.62)	57.1 (1.04)	50.8 (0.83)	

†Not applicable.

‡Interpret data with caution. The coefficient of variation (CV) for this estimate is between 30 and 50 percent.

§Reporting standards not met. The coefficient of variation (CV) for this estimate is 50 percent or greater.

<sup>1</sup>Includes those with no high school credential, only a high school credential, or some college but no degree.

<sup>2</sup>Includes those with an associate's or higher degree.

<sup>3</sup>"Work credentials" include only occupational certifications and licenses, as defined in footnotes 4 and 5. They do not include postsecondary degrees and certificates.

<sup>4</sup>A certification is an occupational credential awarded by a certification body—such as a professional association or certifying board—based on an individual demonstrating through an examination process that he or she has acquired the designated knowledge, skills, and abilities to perform a specific job; examples include Cisco Certified Network Associate (CCNA) certification and medical technician certification.

<sup>5</sup>A license is an occupational credential awarded by a government agency that constitutes legal authority to do a specific job; examples include a medical license and an electrician's license.

<sup>6</sup>A work experience program is defined in the survey as an internship, co-op, practicum, clerkship, externship, residency, clinical experience, apprenticeship, or similar program.

<sup>7</sup>Respondents who reported having work credentials in multiple fields are included in each relevant field. Since these respondents are counted separately for each reported field, the sum of all fields is greater than 100 percent.

<sup>8</sup>Other fields include driving, piloting, or other transportation; machinist or tool and die maker; marketing; and other subject areas.

<sup>9</sup>Respondents were considered to be in the labor force if they reported either being employed the previous week or actively looking for work during the previous 4 weeks.

<sup>10</sup>Employed persons were considered underemployed if they worked only at a part-time job or jobs but would prefer a full-time job (at least 35 hours per week) or they worked at a temporary job but would prefer a permanent job. Persons who worked at a part-time job but also had a full-time permanent job were not considered underemployed.

<sup>11</sup>Respondents were considered to be unemployed if they were in the labor force but were not employed (i.e., they were looking for work). Percentages in this row represent unemployed persons as a percentage of all persons (including persons who were not in the labor force), which is not the same as the unemployment rate shown in some other tables. (The unemployment rate represents unemployed persons as a percentage of labor force participants only.)

<sup>12</sup>Excludes respondents who reported that they never worked for pay or last worked over 12 months ago.

NOTE: Survey respondents were noninstitutionalized 16- to 65-year-olds who were not enrolled in high school at the time of sampling (although they could be enrolled in college). This table includes only respondents who had work credentials or completed a work experience program. Race categories exclude persons of Hispanic ethnicity. Detail may not sum to totals because of rounding. SOURCE: U.S. Department of Education, National Center for Education Statistics, Adult Training and Education Survey of the National Household Education Surveys Program (ATES-NHES:2016). (This table was prepared January 2018.)

**Table 507.50c. Percentage distribution of persons 16 to 65 years old, by labor force and employment status and earnings, college degree attainment status, and work credential and work experience program status: 2016**  
[Standard errors appear in parentheses]

College degree attainment status; work credential <sup>1</sup> and work experience program status	Total	Labor force and employment status			Underemployment status of employed persons <sup>4</sup>		Earnings over the past 12 months <sup>5</sup>			
		In labor force <sup>2</sup>		Not in labor force	Under- employed	Not under- employed	\$0 to \$20,000	\$20,001 to \$50,000	\$50,001 or more	
		Employed	Unemployed <sup>3</sup>							
1	2	3	4	5	6	7	8	9	10	
<b>All 16- to 65-year-olds</b>										
Either certification or license, or both <sup>6,7</sup> .....	100.0	(†)	82.0 (0.55)	4.1 (0.32)	13.9 (0.48)	6.9 (0.43)	93.1 (0.43)	18.3 (0.66)	34.7 (0.76)	47.1 (0.70)
Neither certification nor license .....	100.0	(†)	60.6 (0.35)	8.3 (0.28)	31.1 (0.34)	12.8 (0.37)	87.2 (0.37)	37.4 (0.22)	36.2 (0.25)	26.4 (0.22)
Certification <sup>6</sup> .....	100.0	(†)	82.9 (1.06)	5.2 (0.57)	11.9 (0.96)	8.1 (0.83)	91.9 (0.83)	16.7 (0.89)	32.9 (1.32)	50.4 (1.41)
No certification .....	100.0	(†)	64.0 (0.30)	7.6 (0.24)	28.5 (0.29)	11.5 (0.32)	88.5 (0.32)	33.9 (0.07)	36.0 (0.10)	30.1 (0.10)
License <sup>7</sup> .....	100.0	(†)	81.8 (0.61)	3.8 (0.35)	14.4 (0.56)	6.7 (0.42)	93.3 (0.42)	18.1 (0.73)	35.0 (0.85)	46.8 (0.80)
No license .....	100.0	(†)	61.5 (0.33)	8.2 (0.27)	30.3 (0.33)	12.5 (0.35)	87.5 (0.35)	36.5 (0.20)	36.0 (0.22)	27.5 (0.21)
Work experience program <sup>8</sup> .....	100.0	(†)	75.7 (0.76)	5.2 (0.34)	19.1 (0.67)	9.4 (0.59)	90.6 (0.59)	23.0 (0.74)	33.1 (0.71)	44.0 (0.68)
No work experience program .....	100.0	(†)	62.3 (0.36)	8.0 (0.26)	29.7 (0.32)	11.8 (0.38)	88.2 (0.38)	35.7 (0.23)	36.7 (0.22)	27.7 (0.23)
<b>Without a college degree<sup>9</sup></b>										
Either certification or license, or both <sup>6,7</sup> .....	100.0	(†)	75.9 (1.26)	6.3 (0.74)	17.8 (1.03)	8.5 (0.78)	91.5 (0.78)	28.8 (1.31)	44.2 (1.67)	27.0 (1.27)
Neither certification nor license .....	100.0	(†)	54.3 (0.52)	9.8 (0.37)	35.8 (0.46)	14.2 (0.55)	85.8 (0.55)	46.0 (0.46)	38.4 (0.46)	15.6 (0.35)
Certification <sup>6</sup> .....	100.0	(†)	74.3 (2.22)	8.2 (1.27)	17.5 (2.06)	10.6 (1.74)	89.4 (1.74)	25.3 (1.59)	46.1 (2.23)	28.6 (2.21)
No certification .....	100.0	(†)	56.4 (0.47)	9.4 (0.34)	34.1 (0.43)	13.4 (0.49)	86.6 (0.49)	44.2 (0.35)	39.0 (0.32)	16.8 (0.30)
License <sup>7</sup> .....	100.0	(†)	76.3 (1.37)	5.5 (0.77)	18.2 (1.13)	7.8 (0.79)	92.2 (0.79)	29.2 (1.56)	43.4 (1.85)	27.4 (1.38)
No license .....	100.0	(†)	54.9 (0.49)	9.8 (0.36)	35.3 (0.44)	14.1 (0.52)	85.9 (0.52)	45.3 (0.45)	38.7 (0.43)	15.9 (0.34)
Work experience program <sup>8</sup> .....	100.0	(†)	59.5 (1.84)	8.8 (0.95)	31.7 (1.65)	15.7 (1.58)	84.3 (1.58)	43.3 (1.77)	36.6 (1.84)	20.1 (1.40)
No work experience program .....	100.0	(†)	56.9 (0.45)	9.4 (0.34)	33.7 (0.41)	13.0 (0.45)	87.0 (0.45)	43.3 (0.39)	39.6 (0.38)	17.1 (0.32)
<b>With a college degree<sup>10</sup></b>										
Either certification or license, or both <sup>6,7</sup> .....	100.0	(†)	85.5 (0.62)	2.9 (0.33)	11.7 (0.54)	6.1 (0.49)	93.9 (0.49)	12.4 (0.59)	29.4 (0.87)	58.2 (0.90)
Neither certification nor license .....	100.0	(†)	72.8 (0.57)	5.3 (0.30)	22.0 (0.50)	10.7 (0.45)	89.3 (0.45)	23.2 (0.59)	32.4 (0.59)	44.4 (0.55)
Certification <sup>6</sup> .....	100.0	(†)	88.4 (1.09)	3.3 (0.62)	8.3 (0.91)	6.7 (0.92)	93.3 (0.92)	11.6 (1.14)	25.0 (1.59)	63.4 (1.62)
No certification .....	100.0	(†)	75.9 (0.50)	4.6 (0.24)	19.6 (0.42)	9.2 (0.37)	90.8 (0.37)	20.2 (0.48)	32.1 (0.43)	47.8 (0.41)
License <sup>7</sup> .....	100.0	(†)	84.9 (0.70)	2.9 (0.37)	12.3 (0.62)	6.2 (0.46)	93.8 (0.46)	12.3 (0.63)	30.6 (0.99)	57.1 (1.04)
No license .....	100.0	(†)	73.9 (0.55)	5.1 (0.28)	21.0 (0.47)	10.2 (0.42)	89.8 (0.42)	22.4 (0.57)	31.7 (0.55)	45.9 (0.55)
Work experience program <sup>8</sup> .....	100.0	(†)	80.9 (0.69)	4.1 (0.29)	15.0 (0.68)	7.9 (0.59)	92.1 (0.59)	17.1 (0.78)	32.0 (0.79)	50.8 (0.83)
No work experience program .....	100.0	(†)	74.5 (0.70)	4.7 (0.32)	20.8 (0.56)	9.7 (0.50)	90.3 (0.50)	20.8 (0.57)	30.9 (0.56)	48.3 (0.64)

†Not applicable.

<sup>1</sup>A work credential can be either an occupational certification or an occupational license (see definitions in footnotes 6 and 7). Work credentials do not include postsecondary degrees and certificates.

<sup>2</sup>Respondents were considered to be in the labor force if they reported either being employed the previous week or actively looking for work during the previous 4 weeks.

<sup>3</sup>Respondents were considered to be unemployed if they were in the labor force but were not employed (i.e., they were looking for work). Percentages in this column represent unemployed persons as a percentage of all persons (including persons who were not in the labor force), which is not the same as the "unemployment rate" shown in some other tables. (The unemployment rate represents unemployed persons as a percentage of labor force participants only.)

<sup>4</sup>Includes only employed persons. Those who were underemployed worked only at a part-time job or jobs but would prefer a full-time job (at least 35 hours per week) or worked at a temporary job but would prefer a permanent job. Persons who worked at a part-time job but also had a full-time permanent job were not considered underemployed.

<sup>5</sup>Excludes respondents who reported that they never worked for pay or last worked over 12 months ago.

<sup>6</sup>A certification is an occupational credential awarded by a certification body—such as a professional association or certifying board—based on an individual demonstrating through an examination process that he or she has acquired the designated knowledge, skills, and

abilities to perform a specific job; examples include Cisco Certified Network Associate (CCNA) certification and medical technician certification.

<sup>7</sup>A license is an occupational credential awarded by a government agency that constitutes legal authority to do a specific job; examples include a medical license and an electrician's license.

<sup>8</sup>A work experience program is defined in the survey as an internship, co-op, practicum, clerkship, externship, residency, clinical experience, apprenticeship, or similar program. The percentages for "Work experience program" refer to persons who have ever completed such a program.

<sup>9</sup>Includes those with no high school credential, only a high school credential, or some college but no degree.

<sup>10</sup>Includes those with an associate's or higher degree.

NOTE: Survey respondents were noninstitutionalized 16- to 65-year-olds who were not enrolled in high school at the time of sampling (although they could be enrolled in college). Race categories exclude persons of Hispanic ethnicity. Detail may not sum to totals because of rounding.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Adult Training and Education Survey of the National Household Education Surveys Program (ATES-NHES:2016). (This table was prepared January 2018.)

## CHAPTER 6

# International Comparisons of Education

This chapter offers a broad perspective on education across the nations of the world. It also provides an international context for examining the condition of education in the United States. Insights into the educational practices and outcomes of the United States are obtained by comparing them with those of other education systems. Most of the education systems represent countries; however, some of the tables in this chapter also include data for subnational entities with separate education systems, such as Hong Kong. The National Center for Education Statistics (NCES) carries out a variety of activities to provide statistical data for international comparisons of education.

This chapter presents data drawn from materials prepared by the United Nations Educational, Scientific, and Cultural Organization (UNESCO); the Organization for Economic Cooperation and Development (OECD); and the International Association for the Evaluation of Educational Achievement (IEA). Basic summary data on enrollments and enrollment ratios, teachers, educational attainment, and finances were synthesized from data published by the OECD in the Online Education Database and the annual *Education at a Glance* report, as well as from data collected by UNESCO. Even though these tabulations are carefully prepared, international data users should be cautioned about the many problems of definition and reporting involved in the collection of data about the education systems of the world, which vary greatly in structure from country to country (see the UNESCO entry at the end of Appendix A: Guide to Sources).

Also presented in this chapter are data from two international assessments of student achievement that are carried out under the aegis of IEA and supported by NCES. The Trends in International Mathematics and Science Study (TIMSS), formerly known as the Third International Mathematics and Science Study, assesses the mathematics and science knowledge and skills of fourth- and eighth-graders every 4 years. The Progress in International Reading Literacy Study (PIRLS) measures the reading knowledge and skills of fourth-graders every 5 years.

This chapter includes additional information from two OECD assessments supported by NCES. The Program for International Student Assessment (PISA) provides performance scores of 15-year-olds in the areas of reading, mathematics, and science literacy; it also measures general, or cross-curricular, competencies such as learning strategies. The Program for the International Assessment of Adult

Competencies (PIAAC) assesses the cognitive skills of adults in the areas of literacy, numeracy, and problem solving in technology-rich environments. PIAAC measures relationships between adults' skills in these areas and their educational background, workplace experiences, occupational attainment, and use of information and communication technology. While PISA and PIAAC focus on OECD countries, data from some non-OECD education systems are also provided.

Further information on survey methodologies is in Appendix A: Guide to Sources and in the publications cited in the table source notes.

## Population

Among reporting OECD countries, Mexico had the largest percentage of its population made up of young people ages 5 to 14 (19 percent) in 2015, followed by Israel (18 percent) and Turkey (16 percent) (*web-only table 601.30*). OECD countries with the smallest percentage of people in this age group were Germany, the Republic of Korea, Italy, Slovenia (all at 9 percent) and Austria, Switzerland, Hungary, the Czech Republic, Greece, Latvia, Poland, the Slovak Republic, Portugal, Spain, and Estonia (all at 10 percent). In the United States, the proportion of 5- to 14-year-olds was 13 percent, which was higher than in most other OECD countries.

## Enrollments

In 2015, about 1.5 billion students were enrolled in schools around the world (table 601.10). Of these students, 723 million were in elementary programs, 582 million were in secondary programs, and 214 million were in postsecondary programs.

From 2000 to 2015, enrollment changes varied from region to region. Elementary enrollment in 2015 was 67 percent higher in Africa and 39 percent higher in Oceania than it was in 2000 (table F, table 601.10, and figure 27). In contrast, elementary enrollment in 2015 was 8 percent lower in Europe, 7 percent lower in Central and South America (including Latin America and the Caribbean), 1 percent lower in Northern America (including Bermuda, Canada, Greenland, St. Pierre and Miquelon, and the United States), and less than 1 percent lower in Asia than it was in 2000. At the secondary level, enrollment in 2015 was

94 percent higher in Africa, 37 percent higher in Asia, 19 percent higher in Oceania, 12 percent higher in Central and South America, and 8 percent higher in Northern America than it was in 2000. In contrast, secondary enrollment in Europe was 18 percent lower in 2015 than it was in 2000. At the postsecondary level, enrollment in all major areas of the world was higher in 2015 than in 2000. Postsecondary enrollment in 2015 was 198 percent higher in Asia, 123 percent higher in Africa, 121 percent higher in Central and South America, 70 percent higher in Oceania, 45 percent higher in Northern America, and 16 percent higher in Europe than it was in 2000.

**Table F. Population and enrollment at different levels in major areas of the world: 2000 and 2015**

Area of the world	[In millions]			
	Population	Enrollment		
		Elementary	Secondary	Post-secondary
<b>World total</b>				
2000 .....	6,084.7	657.1	452.5	99.9
2015 .....	7,247.9	723.3	581.6	214.1
<b>Africa</b>				
2000 .....	805.9	109.4	38.4	6.2
2015 .....	1,165.5	182.8	74.6	13.7
<b>Asia</b>				
2000 .....	3,686.1	405.2	258.3	41.0
2015 .....	4,324.9	405.2	354.6	122.2
<b>Europe</b>				
2000 .....	730.5	41.7	70.5	25.5
2015 .....	745.5	38.5	57.5	29.6
<b>Central and South America</b>				
2000 .....	518.5	70.2	57.0	11.5
2015 .....	618.7	65.4	64.0	25.3
<b>Northern America</b>				
2000 .....	313.4	27.4	25.1	14.4
2015 .....	356.1	27.1	27.1	21.0
<b>Oceania</b>				
2000 .....	30.4	3.1	3.2	1.3
2015 .....	37.1	4.3	3.8	2.2

SOURCE: United Nations Educational, Scientific, and Cultural Organization, unpublished tabulations; and U.S. Department of Commerce, Census Bureau, International Data Base.

Across OECD countries in 2015, an average enrollment rate of 98 percent was reported for 5- to 14-year-olds, and the enrollment rate was at least 93 percent in all 33 of the OECD countries that reported data for this age group (table 601.35). In the United States, the enrollment rate for 5- to 14-year-olds was 98 percent in 2015. Among the 33 OECD countries that reported 2015 data for 15- to 19-year-olds, 8 countries had rates of at least 90 percent and 3 countries had rates of 70 percent or below (table 601.40). The U.S. enrollment rate for 15- to 19-year-olds was 82 percent in 2015, which was lower than the OECD average of 85 percent. Among the 33 countries that reported 2015 data for 20- to 29-year-olds, 3 countries had rates of at least 40 percent and 2 countries had rates of 15 percent or below. The U.S. enrollment rate for 20- to 29-year-olds was 25 percent in 2015, which was lower than the OECD average of 29 percent.

In all 33 OECD countries that reported separate secondary and postsecondary enrollment data for 17- to 29-year-olds in 2015, a higher percentage of 17-year-olds were enrolled at the secondary level than at the postsecondary

level (table 601.40). For older students, however, patterns of enrollment at the secondary and postsecondary levels varied across OECD countries in 2015. For example, 15 countries had a higher percentage of their 19-year-olds enrolled at the secondary level, while 18 countries had a higher percentage enrolled at the postsecondary level. The percentage of 19-year-olds enrolled at the secondary level was at least 5 times higher than the percentage enrolled at the postsecondary level in 3 countries. At the other end of the spectrum, the percentage of 19-year-olds enrolled at the postsecondary level was at least 5 times higher than the percentage enrolled at the secondary level in 4 countries, including the United States (52 vs. 6 percent). For 20-year-olds, although only 4 OECD countries reported a higher 2015 enrollment rate at the secondary level than at the postsecondary level, there were 11 countries that reported a secondary enrollment rate of at least 15 percent. For the 20- to 29-year-old age group, there were no countries that reported a higher enrollment rate at the secondary level than at the postsecondary level, and all secondary enrollment rates were below 15 percent. At the postsecondary level, only 2 OECD countries reported an enrollment rate below 15 percent for this age group, and 9 countries reported a rate that was at least 25 percent. The U.S. postsecondary enrollment rate for 20- to 29-year-olds was 24 percent in 2015, which was higher than the OECD average of 23 percent for this age group.

## Achievement

### *Mathematics and Science at Grades 4 and 8*

The 2015 Trends in International Mathematics and Science Study (TIMSS) assessed students' mathematics and science performance at grades 4 and 8. Mathematics performance was assessed in 43 countries at grade 4 and in 34 countries at grade 8. Science performance was assessed in 42 countries at grade 4 and in 34 countries at grade 8. TIMSS Advanced data were also collected by 9 countries from students in their final year of secondary school (grade 12 in the United States). At grades 4 and 8, in addition to countries, several subnational entities also participated in TIMSS as separate education systems. Examples of subnational participants include the cities of Hong Kong and Chinese Taipei, the U.S. state of Florida, the Canadian provinces of Ontario and Quebec, England and Northern Ireland within the United Kingdom, and the Flemish community in Belgium. In the following paragraphs, comparisons of the United States to other countries do not include the subnational participants. Results for Florida are based on public school students only, while U.S. national results are based on both public and private school students. TIMSS is curriculum based, and the assessments of fourth- and eighth-graders measure what students have actually learned

against the subject matter that is expected to be taught by the end of grades 4 and 8, as described in the TIMSS mathematics and science frameworks, which guide assessment development. TIMSS Advanced is designed to broadly align with the advanced mathematics and physics curricula in the participating countries. At all three grades, TIMSS scores are reported on a scale of 0 to 1,000, with a fixed scale centerpoint of 500.

In 2015, the average mathematics scores of U.S. fourth-graders (539) and eighth-graders (518) were higher than the TIMSS centerpoint of 500 (tables 602.20 and 602.30). At grade 4, the average U.S. mathematics score was higher than the average score in 30 of the 42 other countries participating at grade 4, lower than the average score in 6 countries, and not measurably different from the average score in the remaining 6 countries (table 602.20). The 6 countries that outperformed the United States in fourth-grade mathematics were Ireland, Japan, the Republic of Korea, Norway, the Russian Federation, and Singapore. At grade 8, the average U.S. mathematics score was higher than the average score in 21 of the 33 other participating countries, lower than the average score in 5 countries, and not measurably different from the average score in the remaining 7 countries (table 602.30). The 5 countries that outperformed the United States in eighth-grade mathematics were Canada, Japan, the Republic of Korea, the Russian Federation, and Singapore.

Florida, the only U.S. state participating in the 2015 TIMSS as a separate education system, had an average mathematics score for public schools at grade 4 (546) that was higher than the TIMSS scale centerpoint but was not measurably different from the U.S. national average score in mathematics (table 602.20). At grade 8, Florida had a public school average score (493) that was not measurably different from the TIMSS scale centerpoint but was lower than the U.S. national average in mathematics (table 602.30).

The average science scores of both U.S. fourth-graders (546) and U.S. eighth-graders (530) were higher than the TIMSS scale centerpoint of 500 in 2015 (tables 602.20 and 602.30). The average U.S. fourth-grade science score was higher than the average score in 30 of the 41 other countries participating in the science assessment at grade 4, lower than the average score in 5 countries, and not measurably different from the average score in the remaining 6 countries (table 602.20). The 5 countries that outperformed the United States in fourth-grade science were Finland, Japan, the Republic of Korea, the Russian Federation, and Singapore. At grade 8, the average U.S. science score was higher than the average score in 23 of the 33 other participating countries in 2015, lower than the average score in 5 countries, and not measurably different from the average score in the remaining 5 countries (table 602.30). The 5 countries that outperformed the United States in eighth-grade science were Japan, the Republic of Korea, the Russian Federation, Singapore, and Slovenia.

Public schools in Florida had an average fourth-grade science score (549) that was higher than the TIMSS scale centerpoint but was not measurably different from the U.S. national average (table 602.20). At grade 8, Florida had a public school average score (508) that was not measurably different from the TIMSS scale centerpoint but was lower than the U.S. national average in science (table 602.30).

The TIMSS Advanced assessment measures the advanced mathematics and physics achievement of students in their final year of secondary school who are taking or have taken advanced courses (table 602.35). On TIMSS Advanced, the U.S. average advanced mathematics score (485) and physics score (437) in 2015 were lower than the TIMSS Advanced scale centerpoint of 500.

### ***Reading Literacy at Grade 4***

The Progress in International Reading Literacy Study (PIRLS) conducted international assessments of fourth-grade reading literacy in 2001, 2006, 2011, and 2016. In 2016, PIRLS participants consisted of 43 countries as well as several subnational education systems. Examples of subnational participants include the cities of Hong Kong and Chinese Taipei, the Canadian provinces of Ontario and Quebec, England and Northern Ireland within the United Kingdom, and the Flemish and French communities in Belgium. PIRLS scores are reported on a scale of 0 to 1,000, with a fixed scale centerpoint of 500.

On the 2016 PIRLS, U.S. fourth-graders had an average reading literacy score of 549 (table 602.10). The U.S. average score in 2016 was 7 points lower than in 2011, but 10 points higher than in 2006. In all 4 assessment years, the U.S. average score was higher than the PIRLS scale centerpoint.

In 2016, the average reading literacy score of fourth-graders in the United States was higher than the average score in 24 of the 42 other participating countries, lower than the average score in 7 countries, and not measurably different from the average score in the remaining 11 countries. The 7 countries that outperformed the United States on the 2016 PIRLS were Finland, Ireland, Latvia, Norway, Poland, the Russian Federation, and Singapore.

### ***Reading, Mathematics, and Science Literacy at Age 15***

The Program for International Student Assessment (PISA) assesses 15-year-old students' application of reading, mathematics, and science literacy to problems within a real-life context. In 2015, PISA assessed students in the 35 OECD countries as well as in several other education systems. Some subnational entities participated as separate education systems, including the U.S. states of Massachusetts and North Carolina. Results for individual U.S. states are

based on public school students only, while U.S. national results are based on both public and private school students. PISA scores are reported on a scale of 0 to 1,000.

On the 2015 PISA assessment, U.S. 15-year-olds' average score in reading literacy was 497, which was not measurably different from the OECD average score of 493 (table 602.50). The average reading literacy score in the United States was lower than the average score in 11 of the 34 other OECD countries, higher than the average score in 13 OECD countries, and not measurably different from the average score in 10 OECD countries. The average reading literacy score of public school students in Massachusetts (527) was higher than both the U.S. average score and the OECD average score, while the average score in North Carolina (500) was not measurably different from either the U.S. average score or the OECD average score. In all participating education systems, females outperformed males in reading literacy (table 602.40). The U.S. gender gap in reading (20 points) was not measurably different from the OECD average gap but was smaller than the gaps in 12 other OECD countries.

In mathematics literacy, U.S. 15-year-olds' average score of 470 on the 2015 PISA assessment was lower than the OECD average score of 490 (table 602.60). The average mathematics literacy score in the United States was lower than the average score in 27 of the 34 other OECD countries, higher than the average score in 4 OECD countries, and not measurably different from the average score in 3 OECD countries. The average mathematics literacy score of public school students in Massachusetts (500) was higher than the U.S. average score but was not measurably different from the OECD average score, while the average score in North Carolina (471) was not measurably different from the U.S. average score but was lower than the OECD average score. In 18 OECD countries, including the United States, males outperformed females in mathematics literacy (table 602.40). The U.S. gender gap in favor of males in mathematics (9 points) was not measurably different from the OECD average gap.

In science literacy, U.S. 15-year-olds' average score of 496 on the 2015 PISA assessment was not measurably different from the OECD average score of 493 (table 602.70). The average science literacy score in the United States was lower than the average score in 12 OECD countries, higher than the average score in 10 OECD countries, and not measurably different from the average score in 12 OECD countries. The average science literacy score of public school students in Massachusetts (529) was higher than both the U.S. average score and the OECD average score. The average score in North Carolina (502) was not measurably different from either the U.S. average score or the OECD average score. In 15 OECD countries, including the United States, males outperformed females in science literacy. In 4 OECD countries, females outperformed males in science literacy. The U.S. gender gap in favor of males in science (7 points) was not measurably different from the OECD average gap.

## Educational Attainment

In 2016, the percentage of 25- to 64-year-olds who had completed high school varied among reporting OECD countries (table 603.10). The OECD country reporting the highest percentage of 25- to 64-year-olds who had completed high school was the Czech Republic (93 percent). High school completers made up 90 percent of 25- to 64-year-olds in the United States, and 17 other OECD countries reported that high school completers made up at least 80 percent of 25- to 64-year-olds. The OECD country reporting the lowest percentage of high school completers among 25- to 64-year-olds was Mexico (37 percent).

In 2016, the percentage of 25- to 64-year-olds with a postsecondary degree (i.e., any degree at the associate's level or above) also varied among the 33 OECD countries reporting data for this level of educational attainment (table 603.20). The OECD country reporting the highest percentage of 25- to 64-year-olds with a postsecondary degree was Canada (56 percent). Some 46 percent of 25- to 64-year-olds in the United States attained a postsecondary degree, and an additional 17 OECD countries reported that more than 35 percent of their 25- to 64-year-olds had a postsecondary degree. The OECD country reporting the lowest percentage of 25- to 64-year-olds with a postsecondary degree was Mexico (17 percent).

Among younger adults (those 25 to 34 years old) in the 33 OECD countries reporting data, the percentage with a postsecondary degree also varied in 2016 (table 603.20 and figure 28). More than 35 percent of younger adults had a postsecondary degree in 25 OECD countries, including the United States (48 percent). Seven countries reported percentages of younger adults with a postsecondary degree that were higher than the percentage in the United States. The OECD country reporting the highest percentage of younger adults with a postsecondary degree was the Republic of Korea (70 percent). In three countries (Norway, Israel, and Sweden), the percentage of younger adults with a postsecondary degree was not measurably different from the percentage in the United States. In contrast, 22 countries reported percentages of younger adults with a postsecondary degree that were lower than the percentage in the United States. The OECD country reporting the lowest percentage of younger adults with a degree in 2016 was Mexico (22 percent).

## Degrees

In 2015, more than half of all postsecondary degrees (i.e., any degree at the associate's level or above) were awarded to women in 27 of the 30 OECD countries reporting a total percentage awarded to women (*web-only table 603.60*). For example, in the United States, 58 percent of all postsecondary degrees were awarded to women. However, the percentage of degrees awarded to women varied by field. In the United States and in 25 other countries

reporting 2015 data for the field of education, at least 70 percent of education degrees were awarded to women. In contrast, in 15 of the 30 countries reporting 2015 data for the combined field of engineering, manufacturing, and construction, less than 25 percent of these degrees were awarded to women. In the United States, 20 percent of degrees in engineering, manufacturing, and construction were awarded to women.

The percentages of bachelor's degrees that were awarded in science and mathematics, information technologies, and engineering fields—including natural science, mathematics, statistics, information and communication technologies, engineering, manufacturing, and construction—varied across the 33 OECD countries that reported these data for 2015 (*web-only table 603.70*). Two of the reporting OECD countries awarded 30 percent or more of their bachelor's degrees in science and mathematics, information technologies, and engineering fields in 2015: Germany (37 percent) and the Republic of Korea (32 percent). Three countries awarded less than 15 percent of their bachelor's degrees in science and mathematics, information technologies, and engineering fields: Belgium (14 percent), the Netherlands (14 percent), and Luxembourg (13 percent). In 2015, the United States awarded 19 percent of its bachelor's degrees in science and mathematics, information technologies, and engineering fields, a lower percentage than most other reporting OECD countries.

The percentages of graduate degrees awarded in science and mathematics, information technologies, and engineering fields varied widely across OECD countries in 2015. In all but 1 of the 32 OECD countries that reported 2015 data on both master's and doctor's degrees, a higher percentage of degrees were awarded in these fields at the doctoral level than at the master's level. At the master's level, 4 of the 33 OECD countries reporting data awarded 30 percent or more of their degrees in science and mathematics, information technologies, and engineering fields in 2015: Japan (42 percent), Germany (35 percent), Portugal (32 percent), and Estonia (31 percent). Five of the reporting OECD countries awarded 15 percent or less of their master's degrees in these fields: the United States (14 percent), Israel (13 percent), Luxembourg (11 percent), Mexico (11 percent), and Chile (8 percent). At the doctoral level, 8 of the 32 OECD countries reporting data awarded more than half of their degrees in science and mathematics, information technologies, and engineering fields: France (62 percent), Israel (59 percent), Estonia (57 percent), Luxembourg (55 percent), Chile (55 percent), Sweden (52 percent), Spain (52 percent), and Canada (52 percent). The OECD country that reported awarding less than 30 percent of its doctor's degrees in science and mathematics, information technologies, and engineering fields was Mexico (28 percent). The United States awarded 42 percent of its doctor's degrees in science and mathematics, information technologies, and engineering fields in 2015, which was lower than the OECD average of 46 percent.

## Skills of Adults

The Program for the International Assessment of Adult Competencies (PIAAC) assesses the cognitive skills of adults in three areas—literacy, numeracy, and problem solving in technology-rich environments—that are considered key to facilitating the social and economic participation of adults in advanced economies. The discussion below focuses on the areas of literacy and numeracy. PIAAC 2012 results are available for adults in 24 participating countries and regions, including 22 that belong to the OECD. Participating countries and regions are referred to collectively as “education systems” in the *Digest*. The education systems that participated in the 2012 assessment were primarily countries but also included 3 subnational education systems: Northern Ireland and England within the United Kingdom and the Flemish community in Belgium. PIAAC literacy and numeracy scores are reported on a scale of 0 to 500.

In 2012, average scores on the PIAAC literacy scale for adults ages 25 to 65 ranged from 249 in Italy and 250 in Spain to 296 in Japan (*table 604.10*). U.S. 25- to 65-year-olds had an average PIAAC literacy score of 269, which was not measurably different from the OECD average score of 271. Across education systems, adults' average literacy scores generally increased with higher levels of educational attainment. In the United States, for example, 25- to 65-year-olds whose highest level of attainment was high school completion had an average literacy score of 259, compared with an average score of 302 for those who had a bachelor's or higher degree. The literacy score for U.S. high school completers in the 25- to 65-year-old age group was lower than the OECD average score of 268 for high school completers in this age group, while the literacy score for U.S. 25- to 65-year-olds with a bachelor's or higher degree was not measurably different from the OECD average score of 302 for those with a bachelor's or higher degree.

On the PIAAC numeracy scale, 2012 average scores for adults ages 25 to 65 ranged from 245 in Spain and 246 in Italy to 289 in Japan. U.S. 25- to 65-year-olds had an average PIAAC numeracy score of 254, which was lower than the OECD average score of 268. Across education systems, adults' average numeracy scores generally increased with higher levels of educational attainment. In the United States, for example, 25- to 65-year-olds whose highest level of attainment was high school completion had an average numeracy score of 241, compared with an average score of 293 for those who had a bachelor's or higher degree. The numeracy score for U.S. 25- to 65-year-olds who had completed only high school was lower than the OECD average score of 265 for those with the same level of educational attainment. Likewise, the average numeracy score of U.S. 25- to 65-year-olds with a bachelor's or higher degree was lower than the OECD average score of 303 for those with a bachelor's or higher degree.

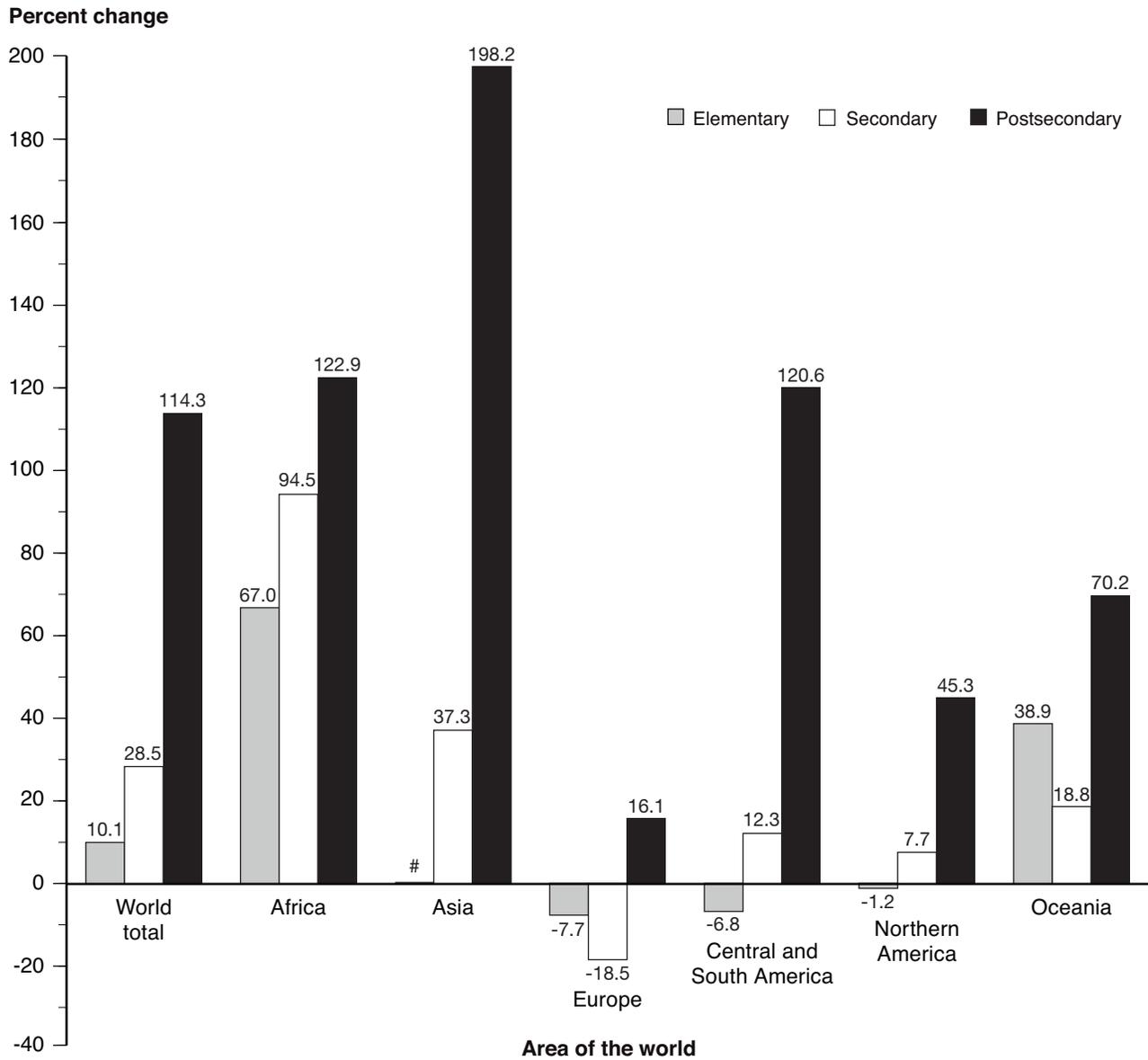
## Finances

In 2014, expenditures per full-time-equivalent (FTE) student (expressed in current U.S. dollars) varied by level of education and across OECD countries. At the combined elementary and secondary level of education, expenditures per FTE student were \$12,200 in the United States, which was higher than the OECD average of \$9,500 (table 605.10). In addition to the United States, 7 of the other 33 OECD countries that reported elementary and secondary level finance data had expenditures of at least \$11,000 per FTE student in 2014: Luxembourg (\$21,200), Switzerland (\$15,100), Norway (\$14,100), Austria (\$13,500), the United Kingdom (\$12,000), Belgium (\$11,900), and Denmark (\$11,300). At the higher education level, the United States spent \$29,300 per FTE student in 2014, which was higher than the OECD average of \$16,200. In addition to the United States, 6 of the other 33 countries that reported higher education finance data had expenditures of over \$20,000 per FTE student in 2014: Luxembourg (\$46,500), Switzerland (\$27,800), the United

Kingdom (\$24,500), Sweden (\$24,100), Canada (\$21,300), and Norway (\$21,000). These expenditures were adjusted to U.S. dollars using the purchasing-power-parity (PPP) index. This index is considered more stable and comparable than indexes using currency exchange rates; for more information, see Appendix B: Definitions.

Total government and private expenditures on education institutions as a percentage of gross domestic product (GDP) varied across the 32 reporting OECD countries in 2014, ranging from 3.6 percent in Luxembourg to 6.6 percent in the United Kingdom (table 605.20 and figure 29). In the United States, total expenditures on education institutions amounted to 6.2 percent of GDP, which was higher than the OECD average of 5.2 percent. A comparison of government expenditures on education institutions as a percentage of GDP shows that public investment in education in 2014 ranged from 3.2 percent in Japan to 6.3 percent in Denmark. In the United States, the government expenditure on education institutions as a percentage of GDP was 4.2 percent, which was lower than the OECD average of 4.4 percent.

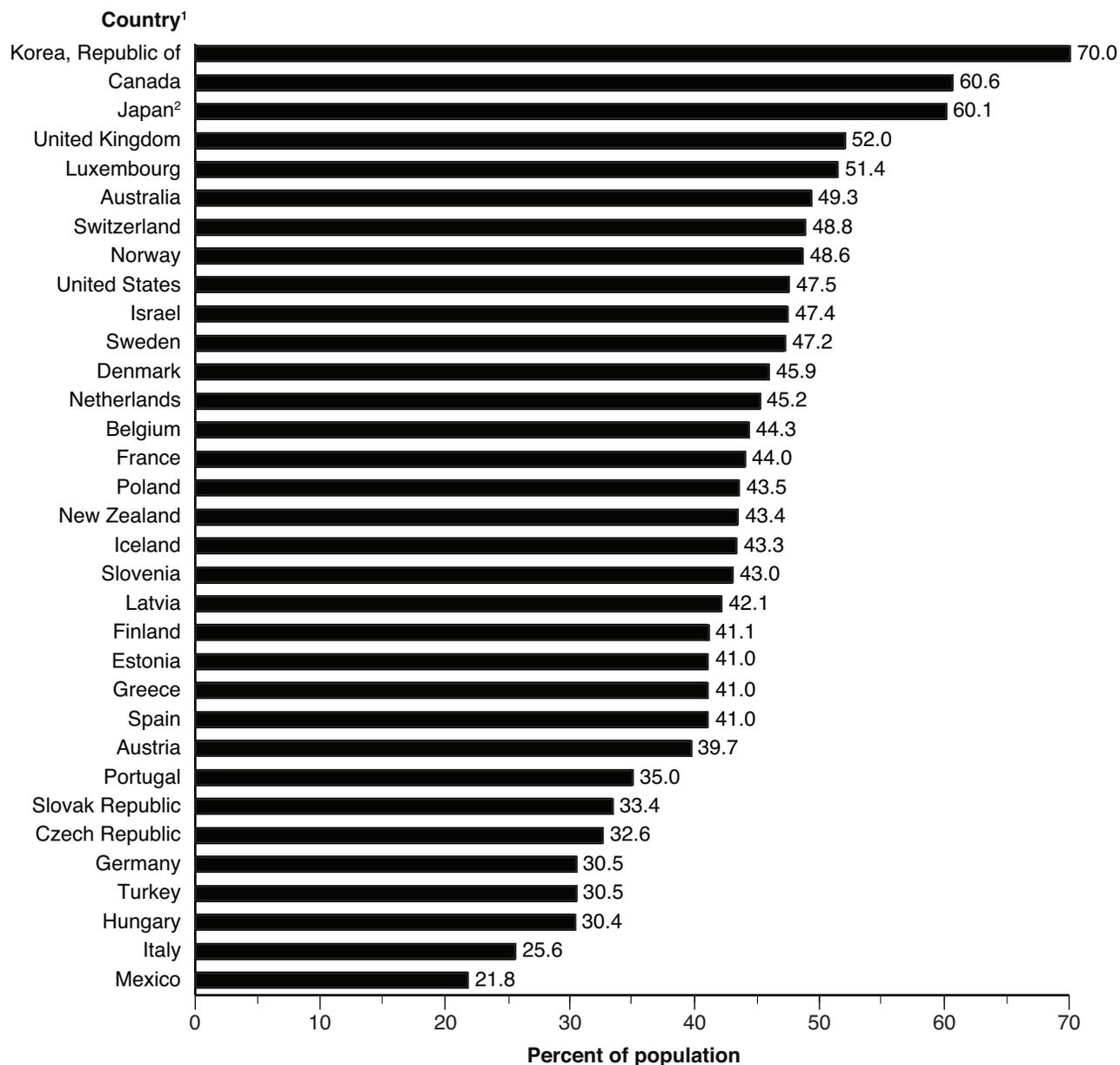
**Figure 27. Percentage change in enrollment, by major areas of the world and level of education: 2000 to 2015**



#Rounds to zero.

NOTE: Europe includes all countries of the former Union of Soviet Socialist Republics (U.S.S.R.) except Armenia, Azerbaijan, Georgia, Kazakhstan, Kyrgyzstan, Tajikistan, Turkmenistan, and Uzbekistan, which are included in Asia. Asia also includes Turkey, the Arab states (except those located in Africa), and Israel. Central and South America includes Latin America and the Caribbean. Northern America includes Bermuda, Canada, Greenland, St. Pierre and Miquelon, and the United States. Data include imputed values for nonrespondent countries. Graphic display was generated using unrounded data.

SOURCE: United Nations Educational, Scientific, and Cultural Organization (UNESCO), unpublished tabulations. U.S. Department of Commerce, Census Bureau, International Data Base (May 2018).

**Figure 28. Percentage of the population 25 to 34 years old with an associate's or higher degree, by country: 2016**

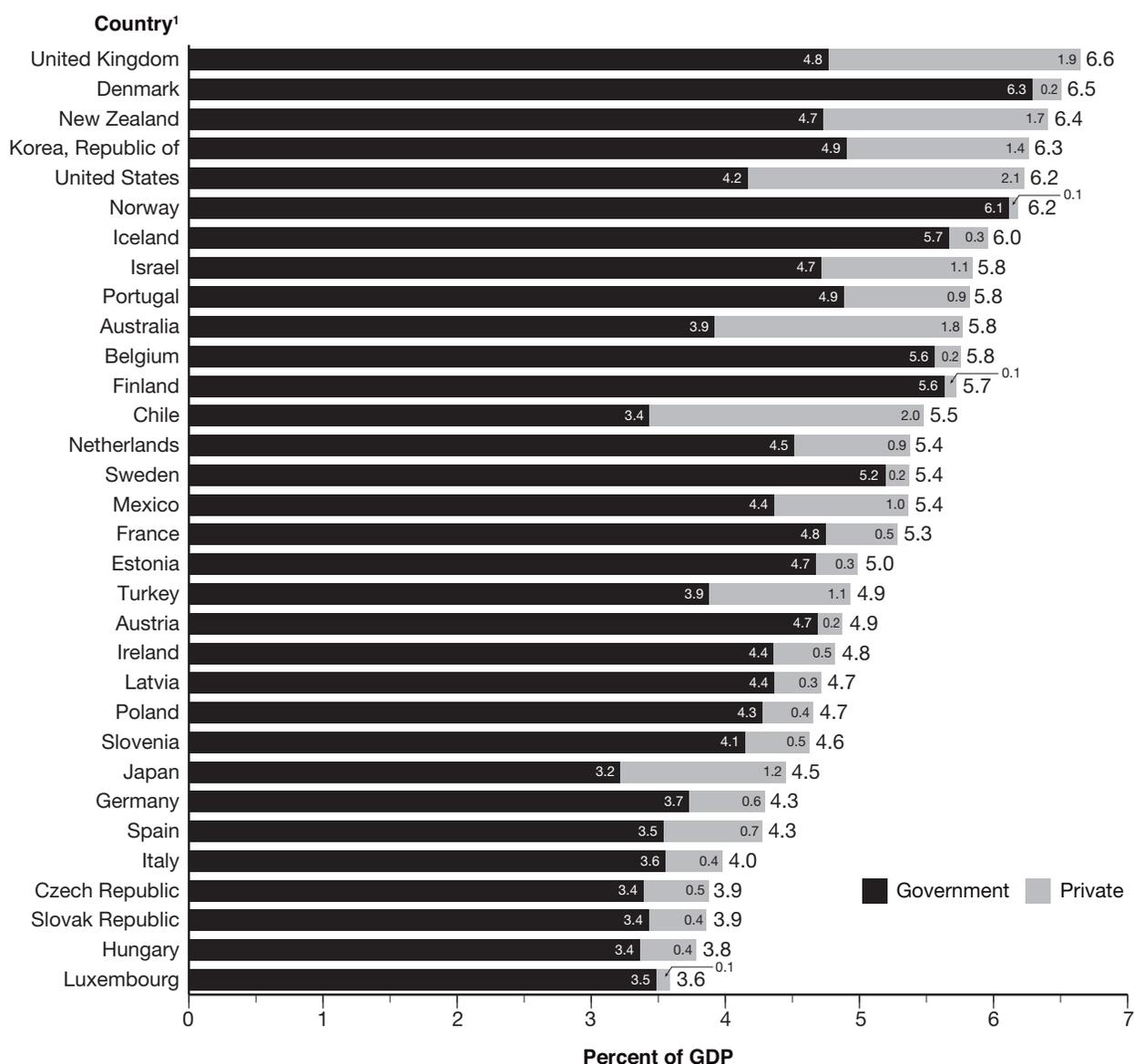
<sup>1</sup>All the countries shown in this figure are members of the Organization for Economic Cooperation and Development (OECD).

<sup>2</sup>Data include some upper secondary and postsecondary nontertiary awards (i.e., awards that are below the associate's degree level).

NOTE: All data in this figure were calculated using International Standard Classification of Education (ISCED) 2011. The data refer to total tertiary degrees, which correspond to all degrees at the associate's level and above in the United States and include the following ISCED 2011 levels: level 5 (corresponding to the associate's degree in the United States), level 6 (bachelor's or equivalent degree), level 7 (master's or equivalent degree), and level 8 (doctoral or equivalent degree). Graphic display was generated using unrounded data.

SOURCE: Organization for Economic Cooperation and Development (OECD), Online Education Database, retrieved October 20, 2017, from <http://stats.oecd.org/Index.aspx>.

**Figure 29. Government and private expenditures on education institutions as a percentage of gross domestic product (GDP), by country: 2014**



<sup>1</sup>All the countries shown in this figure are members of the Organization for Economic Cooperation and Development (OECD).

NOTE: Includes government and private expenditures on all levels of education institutions. Government expenditures include both amounts spent directly by governments to hire education personnel and to procure other resources, and amounts provided by governments to public or private institutions. Government subsidies used by households for payments to education institutions are counted as government expenditures, not private expenditures. Government expenditures may also include expenditures on education institutions from international sources. Graphic display was generated using unrounded data. Detail may not sum to totals because of rounding.

SOURCE: Organization for Economic Cooperation and Development (OECD), Online Education Database, retrieved December 1, 2017, from <http://stats.oecd.org/Index.aspx>.

**Table 601.10. Population, school enrollment, and number of teachers, by major areas of the world and level of education: Selected years, 1980 through 2015**

Year and selected characteristic	Major areas of the world						
	World total <sup>1,2</sup>	Africa	Asia <sup>2,3</sup>	Europe <sup>3</sup>	Central and South America <sup>4</sup>	Northern America <sup>4</sup>	Oceania
1	2	3	4	5	6	7	8
<b>1980</b>							
Population, all ages <sup>5</sup> .....	4,445,424	479,470	2,637,685	695,225	358,579	251,929	22,534
Enrollment, all levels .....	872,328	77,974	495,556	134,782	98,268	60,543	5,205
Elementary <sup>6</sup> .....	525,208	61,303	333,877	47,694	56,791	22,893	2,649
Secondary <sup>7</sup> .....	297,032	14,973	148,307	70,240	36,673	24,695	2,145
Postsecondary <sup>8</sup> .....	50,087	1,698	13,372	16,847	4,803	12,956	411
Teachers, all levels .....	40,074	2,373	19,512	2,505	4,577	2,124	277
Elementary <sup>6</sup> .....	18,528	1,676	10,728	2,505	1,871	—	134
Secondary <sup>7</sup> .....	17,575	605	7,589	—	2,321	1,309	112
Postsecondary <sup>8</sup> .....	3,970	92	1,194	—	384	815	31
<b>1990</b>							
Population, all ages <sup>5</sup> .....	5,284,252	632,000	3,184,538	722,628	441,140	277,533	26,412
Enrollment, all levels .....	988,403	107,068	563,560	132,634	117,812	61,543	5,786
Elementary <sup>6</sup> .....	576,865	78,042	361,386	45,161	65,041	24,629	2,607
Secondary <sup>7</sup> .....	343,648	26,190	178,962	68,866	45,534	21,534	2,562
Postsecondary <sup>8</sup> .....	67,890	2,836	23,213	18,607	7,237	15,380	617
Teachers, all levels .....	48,271	3,693	24,611	8,402	5,779	3,938	314
Elementary <sup>6</sup> .....	22,005	2,330	12,924	2,608	2,396	1,608	139
Secondary <sup>7</sup> .....	21,171	1,222	9,900	5,794	2,781	1,340	135
Postsecondary <sup>8</sup> .....	5,095	141	1,787	—	602	991	41
<b>2000</b>							
Population, all ages <sup>5</sup> .....	6,084,704	805,888	3,686,050	730,503	518,454	313,388	30,421
Enrollment, all levels .....	1,209,459	153,971	704,481	137,714	138,656	66,975	7,663
Elementary <sup>6</sup> .....	657,127	109,443	405,225	41,717	70,177	27,435	3,131
Secondary <sup>7</sup> .....	452,455	38,359	258,259	70,477	57,007	25,117	3,236
Postsecondary <sup>8</sup> .....	99,876	6,168	40,998	25,520	11,472	14,423	1,296
Teachers, all levels .....	57,142	4,989	29,558	10,707	6,823	4,648	222
Elementary <sup>6</sup> .....	24,975	2,899	14,616	2,740	2,760	1,806	155
Secondary <sup>7</sup> .....	25,419	1,804	12,455	6,097	3,186	1,682	—
Postsecondary <sup>8</sup> .....	6,749	286	2,487	1,869	877	1,161	67
<b>2005</b>							
Population, all ages <sup>5</sup> .....	6,467,431	911,550	3,908,336	733,190	553,665	328,033	32,658
Enrollment, all levels .....	1,327,738	193,998	773,059	135,873	144,042	72,392	8,375
Elementary <sup>6</sup> .....	678,990	136,425	405,116	38,461	69,066	26,780	3,142
Secondary <sup>7</sup> .....	509,100	48,912	305,418	65,270	58,887	27,039	3,575
Postsecondary <sup>8</sup> .....	139,648	8,661	62,526	32,142	16,088	18,573	1,658
Teachers, all levels .....	64,504	6,032	34,588	10,781	7,632	5,006	243
Elementary <sup>6</sup> .....	26,888	3,520	15,738	2,673	2,935	1,865	157
Secondary <sup>7</sup> .....	28,398	2,159	14,936	5,836	3,469	1,774	—
Postsecondary <sup>8</sup> .....	9,217	352	3,913	2,272	1,227	1,367	85
<b>2010</b>							
Population, all ages <sup>5</sup> .....	6,858,585	1,031,685	4,121,506	740,226	586,982	343,240	34,946
Enrollment, all levels .....	1,424,870	233,122	828,198	129,054	149,936	75,173	9,386
Elementary <sup>6</sup> .....	697,101	159,488	403,512	36,749	67,190	26,565	3,596
Secondary <sup>7</sup> .....	546,263	62,299	333,651	58,629	61,100	26,809	3,776
Postsecondary <sup>8</sup> .....	181,506	11,335	91,036	33,676	21,646	21,799	2,014
Teachers, all levels .....	72,049	7,631	39,807	10,555	8,108	5,456	275
Elementary <sup>6</sup> .....	28,658	4,137	16,848	2,673	2,908	1,920	172
Secondary <sup>7</sup> .....	32,248	3,023	18,098	5,469	3,542	1,898	—
Postsecondary <sup>8</sup> .....	11,143	471	4,861	2,412	1,658	1,638	103
<b>2015</b>							
Population, all ages <sup>5</sup> .....	7,247,893	1,165,515	4,324,884	745,486	618,731	356,130	37,147
Enrollment, all levels .....	1,519,022	271,118	882,070	125,567	154,760	75,107	10,400
Elementary <sup>6</sup> .....	723,319	182,766	405,218	38,485	65,407	27,094	4,350
Secondary <sup>7</sup> .....	581,620	74,603	354,613	57,455	64,041	27,063	3,844
Postsecondary <sup>8</sup> .....	214,083	13,749	122,239	29,627	25,312	20,950	2,207
Teachers, all levels .....	77,378	9,646	42,714	10,391	8,683	5,416	—
Elementary <sup>6</sup> .....	31,145	5,256	18,173	2,685	2,991	1,847	—
Secondary <sup>7</sup> .....	33,353	3,791	18,293	5,331	3,912	1,803	—
Postsecondary <sup>8</sup> .....	12,880	598	6,248	2,376	1,779	1,767	—

—Not available.

<sup>1</sup>The world total includes estimations for missing data on teachers.

<sup>2</sup>Enrollment and teacher data for the world total and Asia exclude Taiwan.

<sup>3</sup>Europe includes all countries of the former Union of Soviet Socialist Republics (U.S.S.R.) except Armenia, Azerbaijan, Georgia, Kazakhstan, Kyrgyzstan, Tajikistan, Turkmenistan, and Uzbekistan, which are included in Asia. Asia also includes Turkey, the Arab states (except those located in Africa), and Israel.

<sup>4</sup>Central and South America includes Latin America and the Caribbean. Northern America includes Bermuda, Canada, Greenland, St. Pierre and Miquelon, and the United States.

<sup>5</sup>Estimate of midyear population.

<sup>6</sup>This level generally corresponds to grades 1–6 in the United States.

<sup>7</sup>Includes general education, teacher training (at the secondary level), and technical and vocational education. This level generally corresponds to grades 7–12 in the United States.

<sup>8</sup>Includes college and university enrollment, and technical and vocational education beyond the secondary level.

NOTE: Detail may not sum to totals because of rounding and missing teacher data. Data include imputed values for nonrespondent countries. Enrollment and teacher data exclude several island countries or territories with small populations (less than 150,000). Some data have been revised from previously published figures.

SOURCE: United Nations Educational, Scientific, and Cultural Organization (UNESCO), unpublished tabulations. U.S. Department of Commerce, Census Bureau, International Data Base, retrieved May 23, 2018, from <https://www.census.gov/programs-surveys/international-programs/about/idb.html>. (This table was prepared June 2018.)

**Table 601.35. Percentage of 3- and 4-year-olds and 5- to 14-year-olds enrolled in school, by country: 2000 through 2015**

Country	Percent of 3- and 4-year-olds enrolled				Percent of 5- to 14-year-olds enrolled															
	2012	2013	2014	2015	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
<b>OECD average<sup>1</sup></b>	<b>76.4</b>	<b>80.9</b>	<b>78.8</b>	<b>80.1</b>	<b>97.8</b>	<b>98.1</b>	<b>98.3</b>	<b>98.0</b>	<b>98.0</b>	<b>98.2</b>	<b>98.3</b>	<b>98.5</b>	<b>98.7</b>	<b>98.5</b>	<b>98.8</b>	<b>98.6</b>	<b>98.4</b>	<b>98.5</b>	<b>98.2</b>	<b>98.2</b>
Australia	46.6	72.1	77.3	79.2	100.0	100.1	99.3	98.2	98.5	99.1	99.6	99.3	99.3	99.3	99.2	99.4	101.1	100.6	100.8	100.9
Austria	77.8	81.4	82.2	83.8	98.2	98.7	98.9	98.5	98.5	98.4	98.1	98.3	98.5	98.4	98.4	98.2	98.2	98.4	98.4	98.5
Belgium	98.6	97.9	97.8	97.9	99.1	100.2	100.1	100.3	100.4 <sup>2</sup>	99.4	99.3	99.1	98.9	98.6	98.5	98.5	97.9	98.0	98.0	98.0
Canada	—	—	25.6	25.5	97.1	97.2	—	—	—	—	—	—	—	—	98.7	98.8	98.9	99.9	100.2	101.2
Chile	62.1	67.3	69.3	71.2	93.6	—	92.1	90.8	89.5	88.3	91.2	96.1	96.1	93.2	95.1	94.3	93.9	97.3	97.5	97.7
Czech Republic	70.3	70.9	76.1	81.5	99.8	99.8	99.3	99.8	99.7	99.8	99.9	99.8	98.7	98.7	98.1	97.7	98.6	98.1	97.7	97.7
Denmark	97.5	96.9	96.9	97.5	99.2	97.2	99.1	99.1	98.0	97.1	97.4	98.0	97.6	97.6	99.1	99.4	99.3	99.4	99.3	99.3
Estonia	88.9	89.2	88.4	88.8	—	—	—	—	—	104.6	102.2	100.4	100.4	100.0	96.4	95.7	95.2	96.4	96.5	96.2
Finland	55.1	71.4	71.1	71.5	91.6	93.5	94.4	94.6	95.1	95.1	95.1	95.3	95.5	95.5	95.5	95.7	95.7	96.8	96.7	96.5
France	99.1	100.1	100.1	100.1	99.8	101.0	101.1	101.4	101.6	101.3	101.0	100.9	100.7	99.8	99.6	99.4	99.1	99.1	99.3	99.1
Germany	93.3	94.0	95.8	95.0	99.4	100.1	97.5	97.6	97.9	98.3	98.8	99.2	99.3	99.4	99.4	98.5	99.4	98.7	99.1	98.9
Greece	25.6	—	58.8	—	99.8	98.1	96.3	96.7	97.2	97.5	98.1	97.7	98.9	100.1	100.7	100.0	99.2	—	96.1	—
Hungary	83.6	84.3	86.6	88.2	99.9	99.4	100.3	100.4	100.5	100.3	100.3	99.8	99.6	98.9	98.5	98.1	97.6	97.1	96.6	95.9
Iceland	96.1	96.4	96.6	96.9	98.5	98.9	98.5	98.8	98.8	98.9	98.8	98.3	98.5	98.2	98.5	98.6	98.8	98.5	98.6	98.7
Ireland	69.1	69.9	68.8	63.7	100.5	100.6	101.4	100.4	100.9	101.1	101.2	102.6	101.5	101.7	102.1	101.1	100.9	101.4	101.0	100.0
Israel	89.1	101.4	97.9	100.4	96.6	96.9	96.1	96.8	96.6	96.0	95.8	96.1	95.7	96.2	97.8	96.8	97.8	98.3	97.8	97.5
Italy	94.2	96.5	94.1	93.9	99.7	99.4	101.7	101.9	101.6	101.2	100.7	100.3	100.3	99.8	99.5	99.0	98.6	100.2	98.2	97.8
Japan	85.9	88.2	88.4	—	101.2	101.0	100.8	100.7	100.7	100.7	100.7	100.5	100.7	101.0	101.5	101.1	101.3	101.4	101.6	—
Korea, Republic of	86.3	91.5	91.4	91.5	92.3	92.6	92.7	93.2	93.5	94.1	94.9	95.7	95.1	95.7	99.7	99.1	98.8	98.2	98.3	98.4
Latvia	83.4	86.1	88.3	89.1	—	—	—	—	—	—	—	—	—	—	—	—	98.2	97.8	97.7	97.6
Luxembourg	85.4	85.1	83.1	80.4	95.3	92.2	93.4	96.7	96.4	96.7	96.2	95.9	95.8	95.6	95.8	96.0	97.9	97.1	97.1	97.0
Mexico	63.3	66.1	66.0	67.6	94.8	95.0	95.7	96.9	97.7	99.9	100.9	102.1	103.4	104.6	106.1	107.7	100.2	100.9	101.5	101.7
Netherlands	91.4	91.5	88.4	89.5	99.4	99.3	99.3	99.7	99.6	99.0	99.6	99.5	99.6	99.5	99.5	99.8	99.8	99.5	99.4	99.8
New Zealand	90.7	91.6	89.6	91.9	99.0	99.3	99.5	100.1	100.5	100.9	101.0	99.7	100.2	100.6	100.9	101.0	100.7	100.6	98.5	98.7
Norway	96.1	96.2	96.1	96.2	97.4	97.6	97.9	98.1	98.3	98.4	98.8	99.2	99.5	99.5	99.5	99.6	99.5	99.5	99.4	99.3
Poland	58.0	60.0	64.2	72.5	93.6	94.3	94.4	94.2	94.5	94.6	94.5	94.5	94.0	94.1	94.9	95.3	95.5	95.9	94.6	95.3
Portugal	84.9	84.2	83.6	84.6	105.2	107.0	106.0	105.3	104.1	103.9	103.8	104.2	104.1	103.1	102.4	102.1	102.1	101.2	99.7	98.9
Slovak Republic	67.5	68.1	68.9	67.7	—	97.9	98.1	97.3	97.3	97.1	96.8	96.8	96.6	96.1	95.8	95.5	94.5	94.2	93.7	93.4
Slovenia	87.1	86.7	85.8	86.1	—	—	—	—	—	96.5	96.4	96.2	96.8	97.1	97.1	97.1	97.4	97.1	97.0	97.4
Spain	96.1	96.2	96.5	96.2	104.4	103.6	103.8	102.5	101.8	101.4	101.0	100.7	100.4	100.1	99.5	99.0	97.8	97.5	97.2	97.1
Sweden	93.4	93.7	93.9	92.2	97.8	98.1	98.2	98.6	99.1	99.5	98.8	100.3	99.3	98.7	98.5	97.4	99.0	98.5	98.2	98.5
Switzerland	21.6	22.2	23.5	24.8	98.8	98.7	98.6	99.3	99.6	99.6	100.3	100.4	100.2	100.0	100.1	99.5	99.3	99.6	99.8	99.8
Turkey	12.0	21.7	20.0	20.8	80.2	83.5	—	82.0	81.2	81.8	82.9	84.3	91.9	91.3	94.1	94.9	99.2	96.3	95.9	95.8
United Kingdom	95.5	96.3	91.1	103.3	98.9	98.7	98.9	100.5	100.4	101.0	100.7	99.3	101.5	101.4	103.1	100.7	98.0	98.2	98.8	98.4
United States	53.5	53.7	54.7	54.4	99.3	102.1	96.9	97.1	97.3	97.7	98.0	98.3	98.6	97.1	96.8	96.2	97.3	96.9	97.2	98.0
<b>Other reporting countries</b>																				
Argentina	—	59.9	60.2	—	105.6	104.1	104.3	—	—	—	—	—	—	107.3	107.6	106.7	—	101.0	100.9	—
Brazil	49.3	—	67.8	73.0	89.8	91.3	91.8	—	93.0	93.1	—	91.7	95.6	96.5	96.2	94.9	94.8	—	96.6	95.3
China	—	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	79.6	81.7	80.7	85.9	—	—	—	—	—	—	—	—	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Colombia	21.9	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	—	—	—	—	—	—	—	—	—	—	—	—	91.2	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Costa Rica	—	30.5	31.6	29.9	—	—	—	—	—	—	—	—	—	—	—	—	—	96.7	95.6	95.3
India	2.5	2.3	2.0	—	—	65.0	—	65.7	—	—	—	—	—	—	77.7	—	79.6	83.2	83.3	—
Indonesia	14.9	27.9	28.9	46.2	—	86.4	93.4	89.2	—	—	—	—	—	95.1	—	101.2	92.8	87.5	92.6	93.2
Lithuania	—	77.7	80.2	81.3	—	—	—	—	—	—	—	—	—	—	—	—	—	98.5	98.6	99.4
Russian Federation	73.4	75.8	80.5	81.6	—	83.3	84.6	94.2	90.4	81.5	—	—	—	93.8	93.5	93.1	92.1	92.7	93.2	93.5
Saudi Arabia	—	13.0	17.1	( <sup>3</sup> )	—	—	—	—	—	—	—	—	—	—	—	—	—	79.3	85.5	88.6
South Africa	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	76.8	—	—	—

—Not available.

<sup>1</sup>Refers to the mean of the data values for all reporting Organization for Economic Cooperation and Development (OECD) countries, to which each country reporting data contributes equally. The average includes all current OECD countries for which a given year's data are available, even if they were not members of OECD in that year.

<sup>2</sup>Excludes the German-Speaking Community of Belgium.

<sup>3</sup>Percentage suppressed due to apparent data quality or comparability issues.

NOTE: For each country, this table shows the number of persons in each age group who are enrolled in that country as a percentage of that country's total population in the specified age group. However, some of a country's population may be enrolled in a different country,

and some persons enrolled in the country may be residents of a different country. Enrollment rates may be underestimated for countries such as Luxembourg that are net exporters of students and may be overestimated for countries that are net importers. If a country enrolls many residents of other countries, the country's total population in the specified age group can be smaller than the total number enrolled, resulting in enrollment estimates exceeding 100 percent. Some data have been revised from previously published figures. SOURCE: Organization for Economic Cooperation and Development (OECD), Education at a Glance, 2002 through 2014; and Online Education Database, retrieved November 2, 2017, from <http://stats.oecd.org/Index.aspx>. (This table was prepared September 2017.)

**Table 601.40. Percentage of 15- to 29-year-olds enrolled in school, by selected levels of education, age, and country: 2015**

Country	All levels of education <sup>1</sup>		Secondary education <sup>2</sup>								Total tertiary education (postsecondary degree programs) <sup>3</sup>							
	15 to 19 years old	20 to 29 years old	15 to 19 years old					20 to 29 years old			17 years old	18 years old	19 years old	20 to 29 years old				
			Total	15 years old	16 years old	17 years old	18 years old	19 years old	Total	20 years old				21 years old	22 years old	23 to 29 years old		
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
<b>OECD average<sup>4</sup> ..</b>	<b>84.6</b>	<b>28.7</b>	<b>72.7</b>	<b>96.7</b>	<b>94.9</b>	<b>89.6</b>	<b>57.7</b>	<b>26.6</b>	<b>4.9</b>	<b>12.9</b>	<b>1.8</b>	<b>17.0</b>	<b>32.6</b>	<b>22.5</b>	<b>38.5</b>	<b>38.7</b>	<b>35.1</b>	<b>16.6</b>
Australia .....	92.1	44.5	69.9	101.9	101.2	89.4	39.4	22.8	11.2	19.3	6.5	38.9	50.1	28.8	50.7	47.4	40.7	21.8
Austria .....	79.8	26.1	63.5	94.7	91.0	75.2	44.4	19.5	2.3	8.8	13.5	29.4	31.6	22.9	30.8	31.0	29.6	19.8
Belgium .....	91.7	29.7	72.8	97.9	97.3	95.5	49.1	25.7	5.8	12.5	1.2	37.1	50.5	21.8	53.0	48.3	38.8	11.8
Canada .....	72.2	22.4	56.1	92.3	91.8	76.9	22.3	8.3	2.9	6.3	2.9	32.2	40.2	19.5	40.8	38.5	31.5	12.1
Chile .....	80.2	29.2	63.8	93.2	93.9	90.0	35.5	10.8	1.6	4.4	0.2	29.7	46.5	27.5	50.0	46.6	42.1	19.9
Czech Republic .....	90.7	25.4	85.3	99.2	97.9	95.4	87.8	49.4	3.1	14.9	0.2	1.6	23.6	22.3	41.3	41.5	39.1	15.5
Denmark .....	86.9	45.5	85.1	99.0	95.0	90.7	86.2	57.1	13.6	30.3	#	0.5	7.7	31.9	22.7	36.8	43.9	30.7
Estonia .....	89.2	28.0	82.2	98.6	97.2	94.3	88.9	35.8	3.1	12.7	0.2	1.3	26.2	21.6	35.9	37.5	34.8	16.9
Finland .....	86.8	41.4	83.3	97.9	95.9	95.6	94.5	36.1	13.0	20.4	0.1	0.9	15.5	27.9	27.9	36.0	38.7	25.3
France .....	85.2	21.0	66.1	97.2	93.4	88.0	36.3	13.2	1.6	5.8	2.8	39.9	49.8	19.2	47.3	40.7	33.9	10.5
Germany .....	88.4	34.2	78.0	98.9	95.6	89.4	71.1	35.6	6.1	21.7	0.3	6.8	18.9	23.0	27.5	30.5	30.7	20.6
Greece .....	—	—	61.1	92.6	92.6	94.8	16.4	10.0	2.9	7.9	—	—	—	—	—	—	—	—
Hungary .....	85.0	23.7	73.8	97.0	93.2	88.9	69.0	30.2	2.8	11.7	0.4	5.1	20.5	17.7	28.8	30.9	29.1	12.7
Iceland .....	87.7	38.1	86.9	99.4	95.9	89.5	81.2	70.1	12.6	31.8	0.0	0.3	3.2	24.7	18.3	31.4	34.0	23.3
Ireland .....	97.2	29.8	71.9	102.5	101.6	90.8	45.7	3.2	0.9	0.5	3.7	30.8	61.4	22.9	65.3	58.9	46.9	11.0
Israel .....	66.1	21.7	61.5	96.6	95.6	90.4	17.4	1.5	0.1	0.5	0.5	8.4	13.4	20.5	14.9	15.4	19.0	22.3
Italy .....	83.9	21.8	76.8	97.7	95.0	92.3	78.7	20.6	1.6	7.3	#	2.1	32.4	20.1	36.6	36.3	31.3	14.3
Japan .....	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Korea, Republic of .....	86.4	30.9	57.8	96.6	97.9	95.1	8.8	0.3	#	0.1	1.2	61.3	73.4	30.9	68.8	64.1	51.4	17.0
Latvia .....	91.9	27.6	81.9	97.7	98.4	94.7	86.7	37.5	3.6	13.9	0.6	3.7	36.9	22.9	44.6	44.4	39.5	16.0
Luxembourg .....	76.0	13.1	75.3	94.9	88.8	83.5	68.0	42.1	5.4	25.2	0.0	0.4	2.6	7.0	7.0	9.9	11.7	6.0
Mexico .....	57.3	14.9	48.0	76.8	70.7	56.4	23.7	11.4	3.8	6.1	3.0	18.5	24.8	11.2	25.5	23.7	18.8	5.8
Netherlands .....	93.6	35.6	79.0	99.6	98.9	90.1	63.5	42.6	9.0	28.0	7.8	26.4	38.7	26.6	44.7	45.2	40.9	19.4
New Zealand .....	81.8	28.9	62.9	97.1	98.2	85.2	28.4	10.1	3.5	5.9	2.4	31.5	42.1	22.4	43.9	39.9	30.3	15.4
Norway .....	86.6	30.9	82.7	100.1	94.8	92.9	89.2	37.9	5.1	19.3	#	0.3	18.2	25.4	35.2	40.0	38.6	20.3
Poland .....	92.9	29.3	83.4	95.3	95.5	95.0	93.1	42.0	2.5	11.1	1.1	2.0	35.8	23.4	46.1	47.1	44.8	15.2
Portugal .....	89.1	23.5	75.4	97.0	98.3	97.6	54.0	28.0	4.3	14.7	0.4	25.6	34.7	18.4	39.0	37.2	31.5	11.2
Slovak Republic .....	84.5	19.9	77.0	97.0	93.0	88.9	76.1	33.1	1.0	5.5	0.1	3.0	23.6	18.1	35.3	35.4	33.7	11.8
Slovenia .....	94.1	31.8	82.4	97.2	98.0	100.0	92.0	27.6	4.2	11.6	0.0	3.3	53.0	27.6	58.9	56.1	51.5	17.9
Spain .....	87.1	31.6	70.5	96.1	95.4	89.9	43.4	27.1	6.6	17.5	#	36.4	45.6	24.5	49.2	48.1	40.0	16.5
Sweden .....	86.3	34.8	82.0	99.5	99.1	97.9	94.6	26.1	9.5	15.1	0.2	1.0	16.1	21.0	23.7	27.7	29.1	18.5
Switzerland .....	85.7	27.0	81.7	97.7	93.1	90.8	79.7	49.7	5.9	24.8	0.3	3.9	11.8	20.4	20.9	27.4	30.0	18.2
Turkey .....	69.7	37.8	58.5	89.8	84.2	73.7	27.9	13.9	5.6	10.2	0.6	17.8	38.6	32.2	47.3	48.8	45.5	25.6
United Kingdom .....	84.3	20.9	71.8	99.1	107.3	98.5	39.5	19.0	5.7	12.2	1.0	21.3	38.0	15.1	41.4	33.1	22.2	8.3
United States .....	81.5	24.9	62.3	100.7	90.3	89.3	27.9	5.7	0.0	0.0	1.1	37.9	51.7	23.7	47.1	42.5	33.5	16.4
<b>Other reporting countries</b>																		
Brazil .....	68.5	21.6	58.5	87.6	86.2	65.7	32.3	18.1	4.5	10.4	5.0	14.2	19.3	15.1	20.8	23.0	20.3	12.2
China .....	64.2	8.5	52.5	76.6	77.2	70.8	36.2	10.3	0.9	3.1	3.2	19.5	31.8	7.6	31.8	26.1	15.4	2.0
Colombia .....	58.8	18.9	45.9	88.2	72.2	40.4	19.9	9.3	2.1	5.0	7.5	20.2	26.7	16.5	27.9	26.6	23.4	12.3
Costa Rica .....	57.2	7.2	56.2	89.7	80.1	58.1	35.2	20.7	6.5	15.0	—	—	—	—	—	—	—	—
Indonesia .....	78.4	8.9	69.7	96.4	87.3	74.5	49.8	38.2	1.4	9.8	0.0	21.2	20.6	7.6	18.6	16.6	13.5	3.6
Lithuania .....	94.2	30.9	80.1	99.9	99.8	97.8	86.0	22.6	2.3	6.0	0.4	7.7	49.8	25.6	54.2	52.5	42.7	15.2
Russian Federation .....	83.8	18.2	35.8	86.2	56.1	39.7	3.1	0.1	#	#	41.4	60.6	59.7	17.7	53.4	47.2	32.1	10.2
Saudi Arabia .....	93.8	23.5	73.3	107.6	99.4	99.8	35.9	19.7	4.6	16.6	#	50.4	48.6	18.7	35.9	37.0	33.9	12.3

—Not available.

#Rounds to zero.

<sup>1</sup>In addition to secondary and tertiary education, may include enrollment in the following International Standard Classification of Education (ISCED) 2011 education levels that are not shown separately: level 1 (primary or elementary education) and level 4 (nontertiary education that typically corresponds to postsecondary vocational programs below the associate's degree level in the United States).

<sup>2</sup>Refers to ISCED 2011 level 2 (lower secondary education) and level 3 (uppersecondary education). Secondary education generally corresponds to grades 7–12 in the United States.

<sup>3</sup>Total tertiary education corresponds to all postsecondary programs leading to associate's and higher degrees in the United States. Tertiary education includes ISCED 2011 level 5 (corresponding to U.S. programs at the associate's degree level), level 6 (bachelor's or equivalent level), level 7 (master's or equivalent level), and level 8 (doctoral or equivalent level). Enrollment rates may not be directly comparable across countries due to differing definitions of tertiary education and the age at which it begins.

<sup>4</sup>Refers to the mean of the data values for all reporting Organization for Economic Cooperation and Development (OECD) countries, to which each country reporting data contributes equally.

NOTE: For each country, this table shows the number of persons at a given age who are enrolled in that country as a percentage of that country's total population at the specified age. If a country enrolls many residents of other countries, the country's total population at the specified age can be smaller than the total number enrolled, resulting in enrollment estimates exceeding 100 percent. Conversely, if a country has many residents who are enrolled outside of the country, the country's enrollment rates may be underestimated. Enrollment estimates can also be affected if population and enrollment data were collected at different times. Includes both full-time and part-time students.

SOURCE: Organization for Economic Cooperation and Development (OECD), Online Education Database, retrieved November 2, 2017, from <http://stats.oecd.org/Index.aspx>. (This table was prepared September 2017.)

**Table 601.50. Pupil/teacher ratios in public and private elementary and secondary schools, by level of education and country: Selected years, 2000 through 2015**

Country	Elementary school (primary)							Junior high school (lower secondary)							Senior high school (upper secondary)						
	2000	2005	2010	2012	2013	2014	2015	2000	2005	2010	2012	2013	2014	2015	2000	2005	2010	2012	2013	2014	2015
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
<b>OECD average<sup>1</sup></b>	<b>18.3</b>	<b>17.0</b>	<b>15.9</b>	<b>15.0</b>	<b>15.1</b>	<b>15.1</b>	<b>15.2</b>	—	<b>14.0</b>	<b>13.5</b>	<b>13.1</b>	<b>13.2</b>	<b>13.0</b>	<b>13.0</b>	<b>14.2</b>	<b>13.5</b>	<b>13.6</b>	<b>13.5</b>	<b>13.1</b>	<b>13.2</b>	<b>13.1</b>
Australia	17.3	16.2	15.7	15.5	15.6	15.6	15.4	—	[2]	[2]	[2]	[2]	[2]	[2]	—	12.1 <sup>2,3</sup>	12.0 <sup>2,3</sup>	12.0 <sup>2,3</sup>	12.0 <sup>2,3</sup>	12.1 <sup>2,3</sup>	12.3 <sup>2,3</sup>
Austria	—	14.1	12.2	12.0	11.9	12.0	11.8	—	10.6	9.3	9.0	9.0	8.8	8.7	—	11.3	10.1	9.8	9.9	10.0	10.1
Belgium	15.0 <sup>4</sup>	12.8	12.4 <sup>5</sup>	12.5 <sup>5</sup>	12.7	12.7	12.8	[2]	9.4	8.1 <sup>5</sup>	8.2 <sup>5</sup>	9.3	9.2	9.5	9.7 <sup>2,6</sup>	9.9 <sup>6</sup>	10.1 <sup>5,6</sup>	10.1 <sup>5,6</sup>	9.9	9.9	9.9
Canada	18.1	—	15.9 <sup>7</sup>	14.0 <sup>4,7</sup>	16.5 <sup>4,7</sup>	16.6 <sup>4,7</sup>	17.0 <sup>4,7</sup>	18.1	—	[7]	[7]	[7]	[7]	[7]	19.5	—	14.2	13.8	13.8	12.8	13.0
Chile	34.0 <sup>8</sup>	25.9	24.6	22.1	22.5	21.3	20.9	33.4 <sup>8</sup>	25.9	25.1	22.4	24.3	22.8	21.9	28.5 <sup>8</sup>	26.6	26.1	24.0	25.1	23.9	23.0
Czech Republic	19.7	17.5	18.7	18.9	18.8	18.7	19.0	14.7	13.5	11.2	11.1	11.2	11.9	11.8	11.5	12.8	12.1	11.3	11.1	11.7	11.1
Denmark	10.4	[9]	[9]	[9]	—	11.9	—	11.4	11.9 <sup>9</sup>	11.5 <sup>9</sup>	11.9 <sup>9</sup>	—	11.0	—	14.4	—	—	—	—	13.1	—
Estonia	—	—	16.2	13.1	13.0	12.9	13.3	—	—	14.9	9.9	9.8	9.9	9.5	—	—	16.6 <sup>9</sup>	14.1 <sup>6</sup>	11.3 <sup>9</sup>	14.6 <sup>6</sup>	15.2 <sup>6</sup>
Finland	16.9	15.9	14.0	13.6	13.2	13.3	13.6	10.7	10.0	9.8	8.9	9.0	8.9	9.0	17.0 <sup>6,10</sup>	18.0 <sup>6,10</sup>	17.1 <sup>6</sup>	16.3 <sup>6</sup>	16.0	16.2	16.5
France	19.8	19.4	18.7 <sup>5</sup>	18.9 <sup>5</sup>	19.3	19.4	18.7 <sup>11</sup>	14.7	14.2	15.0 <sup>5</sup>	15.5 <sup>5</sup>	15.4	15.4	14.6 <sup>11</sup>	10.4	10.3	9.7 <sup>5</sup>	10.1	10.4	10.0 <sup>11</sup>	—
Germany	19.8	18.8	16.7	16.0	15.6	15.4	15.4	15.7	15.5	14.9	14.0	13.6	13.4	13.3	13.9	14.0	13.2	13.7	13.2	13.1	13.0
Greece	13.4	11.1	—	9.4	9.5	9.4	—	10.8	7.9	—	—	7.3	7.8	—	10.5	8.8	—	—	8.1	—	—
Hungary	10.9	10.6	10.8	10.7	10.6	11.5	11.2	10.9	10.4	10.7	10.6	10.4	10.9	10.6	11.4 <sup>6</sup>	12.2	12.5	12.5	12.0	12.5	11.5
Iceland	[9]	[9]	[9]	10.2	10.4	—	10.7	12.7 <sup>9</sup>	11.3 <sup>9</sup>	10.3 <sup>9</sup>	10.6	10.5	—	10.5	9.7	10.8 <sup>6</sup>	11.3	11.5 <sup>6</sup>	—	—	—
Ireland	21.5	17.9	15.9	16.2	16.4 <sup>11</sup>	16.3 <sup>11</sup>	16.2 <sup>11</sup>	[2]	[2]	[2]	[2]	[2]	[2]	[2]	15.9 <sup>2,6</sup>	15.5 <sup>2,6</sup>	14.4 <sup>2,6,11</sup>	15.0 <sup>2,6</sup>	13.9 <sup>2,11</sup>	13.9 <sup>2,11</sup>	13.9 <sup>2,11</sup>
Israel	—	17.3	20.6 <sup>11</sup>	15.2	15.3	15.5	15.4	—	13.4	12.8 <sup>11</sup>	13.6	13.5	12.1	11.8	—	13.4	11.0 <sup>11</sup>	11.0	10.7 <sup>11</sup>	10.6	10.8 <sup>11</sup>
Italy	11.0	10.6	11.3 <sup>11</sup>	12.3	12.4	12.4	12.4	10.4	10.1	11.9 <sup>11</sup>	11.8 <sup>11</sup>	11.7	11.6	11.5	10.2	11.0	13.0 <sup>11</sup>	13.0 <sup>11</sup>	13.0 <sup>11</sup>	12.5	12.5
Japan	20.9	19.4	18.4	17.7	17.4	17.1	16.9	16.8	15.1	14.4	14.1	13.9	13.8	13.6	14.0	13.0 <sup>6</sup>	12.2 <sup>6</sup>	12.1 <sup>6</sup>	11.7 <sup>6</sup>	11.9 <sup>6</sup>	12.0 <sup>6</sup>
Korea, Republic of	32.1	28.0	21.1	18.4	17.3	16.9	16.8	21.5	20.8	19.7	18.1	17.5	16.6	15.7	20.9	16.0	16.5	15.4	15.1	14.5	14.1
Latvia	—	—	—	11.0	11.2	11.2	11.6	—	—	—	7.9	7.8	7.6	7.7	—	—	—	10.7	10.2	10.0	9.7
Luxembourg	15.9 <sup>11</sup>	—	10.1	9.2	8.8	8.9	10.7	[2]	[2]	[2]	10.7	11.2	10.9	11.0	9.2 <sup>11</sup>	9.0 <sup>2,11</sup>	9.1 <sup>2</sup>	7.6	7.1	8.9	10.8
Mexico	27.2	28.3	28.1	28.0	27.7	27.4	26.9	34.8	33.7	32.7	31.9	32.2	33.0	33.6	26.5	25.8	26.9	27.3	20.6	20.6	20.0
Netherlands	16.8 <sup>4</sup>	15.9 <sup>4</sup>	15.7 <sup>4,11</sup>	15.8	16.6 <sup>11</sup>	16.6	16.6	[2]	[2]	[2]	15.6	16.0 <sup>11</sup>	16.2	16.0	17.1 <sup>2,6</sup>	16.2 <sup>2,6</sup>	16.5 <sup>2,6,11</sup>	18.6	18.6 <sup>11</sup>	19.2 <sup>11</sup>	18.0
New Zealand	20.6	18.1	16.2	16.4	16.4	16.4	16.5	19.9	16.8	16.3	16.4	16.4	16.2	16.3	13.1	12.9	14.4	13.7	13.3	13.1	12.8
Norway	12.4	—	10.5 <sup>11</sup>	10.3	10.3	10.3	10.3	9.9	—	9.9 <sup>11</sup>	10.4	9.8	9.7	9.5	9.7 <sup>6</sup>	—	9.4 <sup>8,11</sup>	9.6 <sup>6</sup>	10.3 <sup>8</sup>	10.3 <sup>6</sup>	10.3
Poland	12.7	11.7	10.0	11.0	11.1	11.0	11.1	11.5	12.7	12.7	9.9	9.9	10.4	9.7	16.9	12.9	12.1	10.9	11.0	10.9	10.3
Portugal	12.1	10.8	10.9	11.9	13.2	14.0	13.7	10.4	8.2	7.9	9.6	10.4	10.1	10.0	7.9	8.0	7.2 <sup>5</sup>	7.6 <sup>6</sup>	8.4 <sup>5</sup>	8.9 <sup>6</sup>	9.7 <sup>6</sup>
Slovak Republic	18.3	18.9	17.1	16.8	16.9	17.2	17.2	13.5	14.1	13.6	12.8	12.5	12.5	11.6	12.8	14.3	14.6	13.9	13.6	13.5	13.5
Slovenia	—	15.0	16.2	15.9	16.0	15.9	15.9	—	11.1	8.0	7.9	8.2	8.3	8.5	—	14.6	14.3 <sup>9</sup>	14.1 <sup>6</sup>	13.5	13.7	13.4
Spain	14.9	14.3	13.2	13.4	13.8	13.5	13.7	[2]	12.5	10.1	10.6	11.6	11.8	11.9	11.9 <sup>2,6</sup>	8.1	9.6	9.9	11.0	11.3	11.1
Sweden	12.8	12.2	11.7	11.8	12.7	12.7	12.8	12.8	12.0	11.4	11.3	12.0	12.2	12.3	15.2	14.0	13.1	13.2	12.8	13.8	14.4
Switzerland	—	14.6 <sup>11</sup>	14.9 <sup>11</sup>	—	13.8	13.8	15.6 <sup>11</sup>	—	11.7 <sup>11</sup>	11.8 <sup>11</sup>	—	10.9	10.8	11.9 <sup>11</sup>	—	10.5 <sup>3,11</sup>	10.3 <sup>3,11</sup>	—	9.8 <sup>3</sup>	9.8 <sup>3</sup>	—
Turkey	30.5	25.8	21.7	20.1	19.8	19.3	18.4	—	†	†	20.1	19.3	18.4	16.8	14.0	16.2	17.6	16.2	15.6	14.8	14.1
United Kingdom	21.2	20.7	19.8	21.1	20.7	19.6	18.4 <sup>4</sup>	17.6 <sup>3</sup>	17.0	17.1	14.2	18.5	15.0	14.3 <sup>12</sup>	12.5 <sup>3</sup>	11.8 <sup>3,8</sup>	15.2 <sup>9</sup>	17.1	18.5	16.3	17.2
United States	15.8	14.9	14.5	15.3	15.3	15.4	15.4	16.3	15.1	14.0	15.3	15.4	15.5	15.4	14.1	16.0	15.0	15.3	15.4	15.5	15.4
<b>Other reporting countries</b>																					
Argentina	22.7 <sup>8,11</sup>	—	—	—	—	—	—	13.2 <sup>8,11</sup>	—	—	—	—	—	—	9.0 <sup>11,8</sup>	—	—	—	—	—	—
Brazil	26.6 <sup>8</sup>	22.9	23.4	21.7	21.2	20.9	24.8	34.2 <sup>8</sup>	18.1	20.4	19.1	18.5	17.8	25.0	38.7 <sup>8</sup>	17.6	17.3	16.8	15.7	15.4	23.6
China	20.2 <sup>8</sup>	—	17.2	17.5	16.9	16.2	16.3	17.6 <sup>8</sup>	—	15.0	12.8	13.4	12.6	12.5	13.8 <sup>8</sup>	—	18.4	16.2	17.0	16.5	15.6
Colombia	—	—	—	—	25.0	24.3	23.8	—	—	—	—	26.6	26.3	26.3	—	—	—	22.9	21.9	23.9	—
Costa Rica	—	—	—	—	13.3	13.2	12.7	—	—	—	—	14.1	14.4	14.0	—	—	—	13.8	14.3	13.9	—
India	43.0 <sup>8,11</sup>	—	—	—	—	—	29.1	22.0 <sup>8,11</sup>	—	—	—	—	—	30.5	9.2 <sup>11,8</sup>	—	—	—	—	—	32.9
Indonesia	27.1 <sup>13</sup>	—	19.9	25.2	20.7	21.4	13.9	19.6 <sup>13</sup>	—	17.0	21.6	18.0	18.3	—	17.8 <sup>13</sup>	—	16.1	22.8	22.6	19.8	—
Lithuania	—	—	—	—	10.2	10.2	10.3	—	—	—	—	7.6	7.4	7.3	—	—	—	8.0	8.1	8.1	—
Russian Federation	17.3 <sup>13</sup>	—	19.2 <sup>11</sup>	20.1 <sup>11</sup>	20.3	20.2	20.6	—	—	[2]	8.9 <sup>11</sup>	8.9 <sup>12</sup>	8.8 <sup>12</sup>	10.4 <sup>12</sup>	—	11.2 <sup>6,14</sup>	11.3 <sup>2,6</sup>	15.3 <sup>11</sup>	[2]	[2]	[2]
Saudi Arabia	—	—	11.2	10.9	—	—	32.8	—	—	—	8.8	9.7	—	—	—	—	11.0	10.7	—	—	—
South Africa	—	—	—	—	—	—	32.8	—	—	—	—	—	—	—	—	—	—	—	—	—	—

—Not available.

†Not applicable. This level of education was not part of the national education structure; students in the age group normally associated with this education level were reported in other levels.

<sup>1</sup>Refers to the mean of the data values for all reporting Organization for Economic Cooperation and Development (OECD) countries, to which each country reporting data contributes equally. The average includes all current OECD countries for which a given year's data are available, even if they were not members of OECD in that year. However, if data were reported for less than 75 percent of the countries, the average for that year is omitted.<sup>2</sup>Junior high school data are included with the senior high school data.<sup>3</sup>Includes only general programs; data on vocational programs are not available.<sup>4</sup>Preprimary data are included with the elementary school data.<sup>5</sup>Excludes independent private institutions.<sup>6</sup>Postsecondary non-higher-education data are included with the senior high school data.<sup>7</sup>Junior high school data are included with the elementary school data.<sup>8</sup>Data from 1999 reported for 2000.<sup>9</sup>Elementary school data are included with the junior high school data.<sup>10</sup>Includes data on occupation-specific education corresponding to that offered at the vocational associate's degree level in the United States.<sup>11</sup>Public institutions only.

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**Table 601.60. Teachers' statutory teaching and total working time and average class size in public elementary and secondary schools, by level of education and country: 2015**

Country	Statutory teaching time <sup>1</sup>									Total statutory working time <sup>2</sup> in hours			Average class size	
	Number of weeks of teaching			Number of days of teaching			Net teaching time in hours			Elementary school	Junior high school (lower secondary) <sup>3</sup>	Senior high school (upper secondary) <sup>3</sup>	Elementary school	Junior high school (lower secondary)
	Elementary school	Junior high school (lower secondary) <sup>3</sup>	Senior high school (upper secondary) <sup>3</sup>	Elementary school	Junior high school (lower secondary) <sup>3</sup>	Senior high school (upper secondary) <sup>3</sup>	Elementary school	Junior high school (lower secondary) <sup>3</sup>	Senior high school (upper secondary) <sup>3</sup>					
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
<b>OECD average<sup>4</sup></b>	<b>38</b>	<b>37</b>	<b>37</b>	<b>183</b>	<b>181</b>	<b>179</b>	<b>794</b>	<b>712</b>	<b>662</b>	<b>1,611</b>	<b>1,634</b>	<b>1,620</b>	<b>21</b>	<b>23</b>
Australia <sup>5</sup>	40	40	40	196	196	195	866	806	804	†	†	†	24	22
Austria <sup>5</sup>	38	38	38	180	180	180	779	607	589	1,776	1,776	—	18	21
Belgium (Flemish) <sup>5,6</sup>	37	37	37	176	148	148	748	553	516	†	†	†	—	—
Belgium (French) <sup>5</sup>	37	37	37	182	182	182	728	668	606	962	†	†	†	—
Canada <sup>5</sup>	37	37	37	183	183	183	797	742	743	—	—	—	—	—
Chile <sup>7</sup>	38	38	38	184	184	184	1,157	1,157	1,157	2,015	2,015	2,015	28	29
Czech Republic <sup>5</sup>	39	39	39	187	187	187	823	617	589	1,760	1,760	1,760	21	22
Denmark <sup>8</sup>	†	†	†	†	†	†	784	784	386	1,680	1,680	1,680	22	22
Estonia <sup>7</sup>	35	35	35	172	172	172	619	619	568	1,540	1,540	1,540	19	18
Finland <sup>8</sup>	38	38	38	188	188	188	677	592	550	†	†	†	19	20
France <sup>5</sup>	36	36	36	162	†	†	900	648	648	1,607	1,607	1,607	23	25
Germany <sup>5</sup>	40	40	40	193	193	193	799	750	714	1,768	1,768	1,768	21	24
Greece <sup>7</sup>	36	31	31	175	153	153	630	528	528	†	†	†	17	21
Hungary <sup>6</sup>	36	36	36	169	169	168	608	608	605	1,624	1,624	1,624	21	21
Iceland	—	—	—	—	—	—	—	—	—	—	—	—	19	21
Ireland <sup>5</sup>	37	33	33	183	167	167	915	735	735	†	†	†	25	—
Israel <sup>5</sup>	39	37	37	187	179	179	864	704	587	1,263	1,169	990	28	29
Italy <sup>5</sup>	39	39	39	171	171	171	752	616	616	†	†	†	19	21
Japan <sup>8</sup>	40	40	39	201	196	196	742	610	511	1,891	1,891	1,891	27	32
Korea, Republic of <sup>5</sup>	38	38	38	190	190	190	658	548	551	1,520	1,520	1,520	23	30
Latvia <sup>5</sup>	35	35	35	163	163	163	685	685	685	1,760	1,760	1,760	16	15
Luxembourg <sup>5</sup>	36	36	36	176	176	176	810	739	739	†	†	†	15	19
Mexico <sup>5</sup>	41	41	36	200	200	173	800	1,047	848	†	†	†	22	29
Netherlands <sup>7</sup>	40	—	—	195	—	—	930	750	750	1,659	1,659	1,659	23 <sup>9</sup>	—
New Zealand <sup>5</sup>	38	38	38	192	191	190	922	840	760	†	†	†	—	—
Norway <sup>7</sup>	38	38	38	190	190	190	741	663	523	1,688	1,688	1,688	—	—
Poland <sup>5</sup>	37	37	37	182	180	178	573	486	481	1,496	1,480	1,464	19	23
Portugal <sup>7</sup>	36	36	36	165	165	165	743	605	605	1,442	1,442	1,442	21	23
Scotland <sup>7</sup>	38	38	38	190	190	190	855	855	855	1,365	1,365	1,365	—	—
Slovak Republic <sup>5</sup>	38	38	38	187	187	187	832	645	617	1,568	1,568	1,568	18	19
Slovenia <sup>5</sup>	38	38	38	190	190	190	627	627	570	—	—	—	19	20
Spain <sup>5</sup>	37	37	36	176	176	171	880	713	693	1,425	1,425	1,425	21	25
Sweden <sup>5</sup>	†	†	†	†	†	†	†	†	†	1,767	1,767	1,767	19	21
Switzerland <sup>5</sup>	38	38	38	185	185	185	1,073	1,073	1,073	1,920	1,920	1,920	19	19
Turkey <sup>6</sup>	38	38	38	180	180	180	720	504	504	1,592	1,592	1,592	24	35
United Kingdom	38	38	38	190	190	190	942	817	817	1,265	1,265	1,265	27	20
United States <sup>8,10</sup>	36	36	36	180	180	180	—	981	—	1,922	1,936	1,960	22	28
<b>Other reporting countries</b>														
Brazil <sup>5</sup>	42	42	42	201	201	201	—	—	—	†	†	†	25	28
Colombia <sup>5</sup>	40	40	40	200	200	200	1,000	1,200	1,200	1,600	1,600	1,600	24	31
Costa Rica	41	41	41	198	198	198	1,188	1,267	1,267	—	—	—	15	28
India	—	—	—	—	—	—	—	—	—	—	—	—	24	24
Indonesia	—	—	—	—	—	—	—	—	—	—	—	—	24	30
Lithuania <sup>5</sup>	32	35	35	157	170	170	565	610	610	1,050	1,032	1,040	16	19
Russian Federation <sup>5</sup>	34	35	35	170	210	210	561	483	483	—	—	—	19	19

—Not available.

†Not applicable according to the Organization for Economic Cooperation and Development (OECD).

<sup>1</sup>Statutory teaching time refers to the number of hours per year that a full-time teacher is expected to teach a group or class of students (net contact time for instruction), as set by policy, teachers' contracts, or other official documents. It excludes overtime and preparation time.

<sup>2</sup>Total statutory working time refers to the number of hours that a full-time teacher is expected to work. It includes overtime.

<sup>3</sup>General programs only.

<sup>4</sup>Refers to the mean of the data values for all reporting OECD countries, to which each country or country component reporting data contributes equally.

<sup>5</sup>Typical teaching time reported. For the Flemish community of Belgium, typical teaching time is reported only at the primary level.

<sup>6</sup>Minimum teaching time reported. For the Flemish community of Belgium, minimum teaching time is reported only at the secondary levels (junior high school and senior high school).

<sup>7</sup>Maximum teaching time reported.

<sup>8</sup>Actual teaching time reported.

<sup>9</sup>Includes preprimary education.

<sup>10</sup>For net teaching time, data are for 2013 instead of 2015. For total working time, data are for 2012 instead of 2015.

NOTE: In this table, elementary school corresponds to International Standard Classification of Education (ISCED) 2011 level 1 (U.S. grades 1 through 6), junior high school corresponds to ISCED 2011 level 2 (U.S. grades 7 through 9), and senior high school corresponds to ISCED 2011 level 3 (U.S. grades 10 through 12).

SOURCE: Organization for Economic Cooperation and Development (OECD), *Education at a Glance*, 2017, and Online Education Database, retrieved May 24, 2017, from <http://stats.oecd.org/Index.aspx>. (This table was prepared June 2017.)

**Table 602.10. Average reading literacy scale scores of fourth-graders and percentage distribution, by international benchmark level and country or other education system: Selected years, 2001 through 2016**  
[Standard errors appear in parentheses]

Country or other education system <sup>1</sup>	Average reading literacy scale score <sup>2</sup>				Percentage distribution, by international benchmark level (score range), 2017 <sup>3</sup>											
	2001		2006		2011		2016		Low (400–474) and below <sup>4</sup>		Intermediate (475–549)		High (550–624)		Advanced (625 and above)	
1	2		3		4		5		6		7		8		9	
Scale centerpoint <sup>5</sup> or median percentage <sup>6</sup>	500	(t)	500	(t)	500	(t)	500	(t)	18	(t)	31	(t)	36	(t)	10	(t)
Australia	—	(t)	—	(t)	527	(2.2)	544	(2.5)	19	(1.0)	30	(1.0)	35	(1.0)	16	(1.0)
Austria	—	(t)	538	(2.2)	529	(2.0)	541 <sup>6</sup>	(2.4)	16 <sup>6</sup>	(1.1)	37 <sup>6</sup>	(0.9)	39 <sup>6</sup>	(1.3)	8 <sup>6</sup>	(0.8)
Azerbaijan <sup>7</sup>	—	(t)	—	(t)	462 <sup>9</sup>	(3.3)	472 <sup>9</sup>	(4.2)	46 <sup>8</sup>	(2.0)	36 <sup>9</sup>	(1.5)	16 <sup>9</sup>	(1.0)	2 <sup>8</sup>	(0.3)
Bahrain	—	(t)	—	(t)	—	(t)	446	(2.3)	59	(1.0)	27	(0.8)	12	(0.6)	2	(0.3)
Belgium (Flemish)	—	(t)	—	(t)	—	(t)	525	(1.9)	20	(1.3)	45	(1.1)	31	(1.1)	4	(0.4)
Belgium (French)	—	(t)	500	(2.6)	506 <sup>6,9</sup>	(2.9)	497 <sup>6</sup>	(2.6)	35 <sup>6</sup>	(1.4)	42 <sup>5</sup>	(1.1)	20 <sup>6</sup>	(1.1)	3 <sup>6</sup>	(0.4)
Bulgaria	550	(3.8)	547	(4.4)	532	(4.1)	552	(4.2)	17	(1.6)	28	(1.3)	35	(1.3)	19	(1.3)
Canada	—	(t)	—	(t)	548 <sup>6</sup>	(1.6)	543 <sup>6,10</sup>	(1.8)	17 <sup>6,10</sup>	(0.9)	33 <sup>6,10</sup>	(0.8)	37 <sup>6,10</sup>	(0.8)	13 <sup>6,10</sup>	(0.7)
Chile	—	(t)	—	(t)	—	(t)	494	(2.5)	39	(1.5)	36	(1.4)	22	(1.2)	3	(0.4)
Chinese Taipei	—	(t)	535	(2.0)	553	(1.9)	559	(2.0)	10	(0.7)	31	(1.1)	44	(1.2)	14	(1.1)
Colombia	422	(4.4)	—	(t)	448	(4.1)	—	(t)	—	(t)	—	(t)	—	(t)	—	(t)
Croatia	—	(t)	—	(t)	553 <sup>6</sup>	(1.9)	—	(t)	—	(t)	—	(t)	—	(t)	—	(t)
Czech Republic	537	(2.3)	—	(t)	545	(2.2)	543	(2.1)	15	(0.9)	36	(1.0)	39	(1.0)	10	(0.7)
Denmark	—	(t)	546	(2.3)	554 <sup>6</sup>	(1.7)	547 <sup>6</sup>	(2.1)	14 <sup>6</sup>	(1.0)	34 <sup>6</sup>	(1.0)	41 <sup>6</sup>	(1.1)	11 <sup>6</sup>	(1.0)
Egypt	—	(t)	—	(t)	—	(t)	330 <sup>11</sup>	(5.6)	89 <sup>11</sup>	(1.2)	9 <sup>11</sup>	(1.0)	2 <sup>11</sup>	(0.3)	‡ <sup>11</sup>	(t)
England (United Kingdom)	553 <sup>6,9</sup>	(3.4)	539	(2.6)	552 <sup>9</sup>	(2.6)	559	(1.9)	14	(0.7)	28	(0.9)	37	(1.1)	20	(0.9)
Finland	—	(t)	—	(t)	568	(1.9)	566	(1.8)	9	(0.8)	29	(1.0)	44	(1.1)	18	(0.8)
France	525	(2.4)	522	(2.1)	520	(2.6)	511	(2.2)	28	(1.2)	42	(1.2)	26	(1.1)	4	(0.6)
Georgia <sup>7</sup>	—	(t)	471 <sup>6,10</sup>	(3.1)	488 <sup>10</sup>	(3.1)	488 <sup>10</sup>	(2.8)	40 <sup>10</sup>	(1.6)	38 <sup>10</sup>	(1.4)	20 <sup>10</sup>	(1.1)	2 <sup>10</sup>	(0.4)
Germany	539	(1.9)	548	(2.2)	541	(2.2)	537	(3.2)	19	(1.4)	34	(1.0)	36	(1.1)	11	(0.8)
Hong Kong (China)	528	(3.1)	564	(2.4)	571 <sup>12</sup>	(2.3)	569 <sup>6,9</sup>	(2.7)	7 <sup>6,9</sup>	(0.9)	27 <sup>6,9</sup>	(1.4)	47 <sup>6,9</sup>	(1.5)	18 <sup>6,9</sup>	(1.3)
Hungary	543	(2.2)	551	(3.0)	539	(2.9)	554	(2.9)	15	(1.0)	30	(1.2)	39	(1.1)	17	(1.2)
Indonesia	—	(t)	405	(4.1)	428	(4.2)	—	(t)	—	(t)	—	(t)	—	(t)	—	(t)
Iran, Islamic Republic of	414	(4.2)	421	(3.1)	457	(2.8)	428 <sup>13</sup>	(4.0)	63 <sup>13</sup>	(1.3)	26 <sup>13</sup>	(1.0)	9 <sup>13</sup>	(0.5)	1 <sup>13</sup>	(0.2)
Ireland	—	(t)	—	(t)	552	(2.3)	567	(2.5)	11	(0.9)	28	(1.2)	40	(1.3)	21	(1.2)
Israel	509 <sup>14</sup>	(2.8)	512 <sup>14</sup>	(3.3)	541 <sup>12</sup>	(2.7)	530 <sup>12</sup>	(2.5)	25 <sup>12</sup>	(1.0)	29 <sup>12</sup>	(1.0)	33 <sup>12</sup>	(1.1)	13 <sup>12</sup>	(0.9)
Italy	541	(2.4)	551	(2.9)	541	(2.2)	548	(2.2)	13	(1.0)	35	(1.3)	41	(1.7)	11	(0.8)
Kazakhstan	—	(t)	—	(t)	—	(t)	536	(2.5)	16	(1.5)	42	(1.3)	35	(1.4)	7	(0.8)
Kuwait	—	(t)	—	(t)	—	(t)	393 <sup>11</sup>	(4.1)	78 <sup>11</sup>	(1.5)	16 <sup>11</sup>	(1.2)	5 <sup>11</sup>	(0.8)	‡ <sup>11</sup>	(t)
Latvia	—	(t)	—	(t)	—	(t)	558 <sup>6</sup>	(1.7)	10 <sup>6</sup>	(0.8)	33 <sup>6</sup>	(1.3)	43 <sup>6</sup>	(1.4)	14 <sup>6</sup>	(1.0)
Lithuania	543 <sup>10</sup>	(2.6)	537 <sup>10</sup>	(1.6)	528 <sup>6,10</sup>	(2.0)	548 <sup>15</sup>	(2.6)	14 <sup>15</sup>	(1.1)	34 <sup>15</sup>	(1.3)	40 <sup>15</sup>	(1.2)	12 <sup>15</sup>	(0.9)
Macao (China)	—	(t)	—	(t)	—	(t)	546	(1.0)	14	(0.5)	36	(0.8)	41	(0.9)	10	(0.6)
Malta (Maltese)	—	(t)	—	(t)	457	(1.5)	452 <sup>6</sup>	(1.8)	55 <sup>6</sup>	(1.1)	32 <sup>6</sup>	(1.1)	12 <sup>6</sup>	(0.8)	‡ <sup>6</sup>	(t)
Morocco	350 <sup>16</sup>	(9.6)	323	(5.9)	310 <sup>17</sup>	(3.9)	358 <sup>13</sup>	(3.9)	86 <sup>13</sup>	(0.8)	11 <sup>13</sup>	(0.7)	3 <sup>13</sup>	(0.4)	‡ <sup>13</sup>	(t)
Netherlands <sup>9</sup>	554	(2.5)	547	(1.5)	546	(1.9)	545	(1.7)	12	(0.9)	39	(1.3)	40	(1.1)	8	(0.6)
New Zealand	529	(3.6)	532	(2.0)	531	(1.9)	523	(2.2)	27	(1.0)	32	(1.0)	30	(1.0)	11	(0.6)
Northern Ireland (United Kingdom)	—	(t)	—	(t)	558 <sup>9</sup>	(2.4)	565	(2.2)	13	(0.8)	26	(1.0)	38	(1.0)	22	(1.4)
Norway (grade 5) <sup>18</sup>	—	(t)	—	(t)	—	(t)	559	(2.3)	10	(0.9)	32	(1.4)	43	(1.4)	15	(0.9)
Oman	—	(t)	—	(t)	391 <sup>19</sup>	(2.8)	418	(3.3)	68	(1.3)	22	(0.9)	8	(0.7)	2	(0.3)
Poland	—	(t)	519	(2.4)	526	(2.1)	565	(2.1)	11	(0.7)	28	(1.1)	41	(1.1)	20	(1.1)
Portugal	—	(t)	—	(t)	541	(2.6)	528 <sup>6</sup>	(2.3)	21 <sup>6</sup>	(1.3)	42 <sup>6</sup>	(1.1)	31 <sup>6</sup>	(1.2)	7 <sup>6</sup>	(0.9)
Qatar	—	(t)	353	(1.1)	425 <sup>6</sup>	(3.5)	442	(1.8)	58	(1.1)	25	(1.1)	14	(0.6)	3	(0.3)
Romania	512	(4.6)	489	(5.0)	502	(4.3)	—	(t)	—	(t)	—	(t)	—	(t)	—	(t)
Russian Federation	528 <sup>6</sup>	(4.4)	565 <sup>6</sup>	(3.4)	568	(2.7)	581	(2.2)	6	(0.6)	23	(1.0)	44	(1.0)	26	(1.2)
Saudi Arabia	—	(t)	—	(t)	430	(4.4)	430	(4.2)	65	(1.7)	24	(1.3)	9	(1.0)	1	(0.4)
Singapore	528	(5.2)	558	(2.9)	567 <sup>6</sup>	(3.3)	576 <sup>12</sup>	(3.2)	11 <sup>12</sup>	(1.0)	23 <sup>12</sup>	(1.1)	38 <sup>12</sup>	(1.5)	29 <sup>12</sup>	(1.6)
Slovak Republic	518	(2.8)	531	(2.8)	535	(2.8)	535	(3.1)	19	(1.3)	33	(1.1)	37	(1.3)	10	(0.8)
Slovenia	502	(2.0)	522	(2.1)	530	(2.0)	542	(2.0)	17	(0.9)	34	(0.9)	38	(1.1)	11	(0.8)
South Africa	—	(t)	—	(t)	—	(t)	320 <sup>11</sup>	(4.4)	92 <sup>11</sup>	(1.0)	6 <sup>11</sup>	(0.7)	2 <sup>11</sup>	(0.4)	‡ <sup>11</sup>	(t)
Spain	—	(t)	513	(2.5)	513	(2.3)	528	(1.7)	20	(1.0)	41	(0.8)	33	(0.9)	6	(0.4)
Sweden	561	(2.2)	549	(2.3)	542	(2.1)	555	(2.4)	12	(0.9)	31	(1.1)	43	(1.7)	14	(1.4)
Trinidad and Tobago	—	(t)	436	(4.9)	471	(3.8)	479	(3.3)	45	(1.7)	31	(1.3)	20	(1.1)	4	(0.5)
United Arab Emirates	—	(t)	—	(t)	439	(2.2)	450	(3.2)	57	(1.4)	23	(0.7)	15	(0.8)	5	(0.3)
United States	542 <sup>6,9</sup>	(3.8)	540 <sup>9</sup>	(3.5)	556 <sup>6</sup>	(1.5)	549 <sup>9</sup>	(3.1)	17 <sup>9</sup>	(1.2)	31 <sup>9</sup>	(1.1)	37 <sup>9</sup>	(1.4)	16 <sup>9</sup>	(1.3)

See notes at end of table.

**Table 602.10. Average reading literacy scale scores of fourth-graders and percentage distribution, by international benchmark level and country or other education system: Selected years, 2001 through 2016—Continued**  
[Standard errors appear in parentheses]

Country or other education system <sup>1</sup>	Average reading literacy scale score <sup>2</sup>				Percentage distribution, by international benchmark level (score range), 2017 <sup>3</sup>			
	2001	2006	2011	2016	Low (400–474) and below <sup>4</sup>	Intermediate (475–549)	High (550–624)	Advanced (625 and above)
1	2	3	4	5	6	7	8	9
<b>Benchmarking education systems</b>								
Abu Dhabi (United Arab Emirates) .....	— (†)	— (†)	424 (4.7)	414 (4.7)	69 (1.7)	20 (1.1)	9 (0.9)	2 (0.4)
Alberta (Canada) .....	— (†)	560 <sup>6</sup> (2.4)	548 <sup>6</sup> (2.9)	— (†)	— (†)	— (†)	— (†)	— (†)
Andalusia (Spain) .....	— (†)	— (†)	515 (2.3)	525 (2.1)	22 (1.2)	41 (0.9)	32 (1.1)	5 (0.5)
Bueno Aires (Argentina) .....	— (†)	— (†)	— (†)	480 (3.1)	45 (1.5)	34 (1.1)	18 (1.0)	3 (0.4)
Dubai (United Arab Emirates) .....	— (†)	— (†)	476 (2.0)	515 (1.9)	31 (0.9)	30 (0.9)	29 (0.8)	11 (0.6)
Florida (United States) <sup>21</sup> .....	— (†)	— (†)	569 <sup>9,14</sup> (2.9)	— (†)	— (†)	— (†)	— (†)	— (†)
Madrid (Spain) .....	— (†)	— (†)	— (†)	549 <sup>6</sup> (2.0)	11 <sup>6</sup> (0.9)	38 <sup>6</sup> (1.1)	42 <sup>6</sup> (1.1)	9 <sup>6</sup> (0.7)
Malta (English) .....	— (†)	— (†)	477 (1.4)	— (†)	— (†)	— (†)	— (†)	— (†)
Moscow City (Russian Federation) .....	— (†)	— (†)	— (†)	612 (2.2)	2 (0.3)	14 (0.9)	41 (1.2)	43 (1.5)
Norway (grade 4) <sup>18</sup> .....	499 (2.9)	498 <sup>20</sup> (2.6)	507 <sup>16</sup> (1.9)	517 (2.0)	26 (1.1)	40 (1.1)	29 (1.0)	5 (0.6)
Ontario (Canada) .....	548 <sup>6</sup> (3.3)	555 <sup>6</sup> (2.7)	552 <sup>6</sup> (2.6)	544 (3.2)	18 (1.4)	32 (1.1)	37 (1.4)	14 (1.5)
Quebec (Canada) .....	537 (3.0)	533 (2.8)	538 (2.1)	547 <sup>22</sup> (2.8)	13 <sup>22</sup> (1.5)	37 <sup>22</sup> (1.5)	39 <sup>22</sup> (1.6)	11 <sup>22</sup> (1.2)

—Not available.

†Not applicable.

‡Reporting standards not met (too few cases for a reliable estimate).

<sup>1</sup>Most of the education systems represent complete countries, but some represent subnational entities; examples include the Flemish and French communities of Belgium, two components of the United Kingdom (England and Northern Ireland), a few individual cities (such as Abu Dhabi within the United Arab Emirates), and the U.S. state of Florida.

<sup>2</sup>Progress in International Reading Literacy Study (PIRLS) scores are reported on a scale from 0 to 1,000, with the scale centerpoint set at 500 and the standard deviation set at 100.

<sup>3</sup>PIRLS international benchmarks group achievement into four levels, providing a way to interpret scale scores and to understand how student proficiency varies at different points on the scale. The score range for each benchmark level (i.e., the lowest and highest score in that level) is shown in parentheses. The score cut-points (i.e., lowest scores) that define the beginning of each level were selected to be as close as possible to the standard percentile cut-points (i.e., the 25th, 50th, 75th, and 90th percentiles). Descriptions of the skills associated with each level can be found at [https://nces.ed.gov/surveys/pirls/pirls2016/tables/pirls2016\\_exhibit02.asp](https://nces.ed.gov/surveys/pirls/pirls2016/tables/pirls2016_exhibit02.asp).

<sup>4</sup>This column combines students who are in the Low level (scores of 400 to 474) with students who are below the Low level (scores of less than 400).

<sup>5</sup>International median percentages are shown in columns 6 through 9 of this row. Half the education systems have a percentage of students equal to or higher than the international median and half have a percentage of students below the median. The median includes only the education systems shown in the top part of this table, which are members of the International Association for the Evaluation of Educational Achievement (IEA). “Benchmarking” education systems are not members of the IEA and are therefore not included in the median.

<sup>6</sup>National Defined Population covers 90 to 95 percent of National Target Population.

<sup>7</sup>Exclusion rates for Azerbaijan and Georgia are slightly underestimated as some conflict zones were not covered and no official statistics were available for 2011.

<sup>8</sup>In 2016, Azerbaijan expanded its sample to include students taught in Russian. All 2016 data shown in this table are based on the expanded sample and therefore are not comparable with data for previous years.

<sup>9</sup>Met guidelines for sample participation rates only after replacement schools were included.

<sup>10</sup>National Target Population does not include all of the International Target Population.

<sup>11</sup>Administered PIRLS Literacy instead of the standard PIRLS assessment. PIRLS Literacy is a less difficult version of PIRLS designed to assess foundational reading skills.

<sup>12</sup>National Defined Population covers less than 90 percent of National Target Population (but at least 77 percent).

<sup>13</sup>Administered both the standard PIRLS assessment and PIRLS Literacy, a less difficult version of PIRLS that is designed to assess foundational reading skills. Results are based on an average of both assessments.

<sup>14</sup>National Defined Population covers less than 80 percent of National Target Population.

<sup>15</sup>In 2016, Lithuania expanded its sample to include students taught in Polish and Russian. All 2016 data shown in this table are based on the expanded sample and therefore are not comparable with data for previous years.

<sup>16</sup>Nearly satisfied guidelines for sample participation rates after replacement schools were included.

<sup>17</sup>The TIMSS & PIRLS International Study Center has reservations about the reliability of the average achievement score because the percentage of students with achievement too low for estimation exceeds 25 percent.

<sup>18</sup>In PIRLS cycles prior to 2016, Norway assessed only students in grade 4, which is similar to grade 3 in many other countries because grade 1 in Norway is considered the equivalent of kindergarten rather than the first year of primary school. For PIRLS 2016, Norway started assessing students in grade 5. For purposes of comparing results across years, however, Norway also continued to collect grade 4 data in 2016. This table includes the grade 5 results in the top part of the table and the grade 4 results under “Benchmarking education systems.”

<sup>19</sup>The TIMSS & PIRLS International Study Center has reservations about the reliability of the average achievement score because the percentage of students with achievement too low for estimation exceeds 15 percent, though it is less than 25 percent.

<sup>20</sup>Data are available for at least 70 percent but less than 85 percent of students.

<sup>21</sup>All data for Florida are based on public schools only.

<sup>22</sup>Did not satisfy guidelines for sample participation rates.

SOURCE: International Association for the Evaluation of Educational Achievement (IEA), Progress in International Reading Literacy Study (PIRLS), 2001, 2006, 2011, and 2016. (This table was prepared November 2017).

**Table 602.15. Average online reading literacy scale scores of fourth-graders and percentage distribution, by international benchmark level and country or other education system: 2016**

[Standard errors appear in parentheses]

Country or other education system <sup>1</sup>	Average online reading literacy scale score <sup>2</sup>		Percentage distribution, by international benchmark level (score range) <sup>3</sup>							
			Low (400–474) and below <sup>4</sup>		Intermediate (475–549)		High (550–624)		Advanced (625 and above)	
1	2		3		4		5		6	
<b>Scale centerpoint<sup>2</sup> or median percentage<sup>5</sup> ..</b>	<b>500</b>	<b>(†)</b>	<b>16</b>	<b>(†)</b>	<b>31</b>	<b>(†)</b>	<b>37</b>	<b>(†)</b>	<b>12</b>	<b>(†)</b>
Canada <sup>6,7</sup> .....	543	(3.2)	18	(1.3)	33	(1.5)	37	(1.5)	12	(1.0)
Chinese Taipei .....	546	(2.0)	14	(0.9)	35	(1.0)	42	(1.0)	10	(0.7)
Denmark <sup>8</sup> .....	558	(2.2)	11	(0.9)	32	(1.2)	42	(1.2)	15	(1.0)
Georgia <sup>9</sup> .....	477	(3.3)	46	(2.1)	38	(1.5)	15	(1.3)	±	(†)
Ireland .....	567	(2.5)	10	(0.9)	27	(1.3)	43	(1.3)	20	(1.3)
Israel <sup>9</sup> .....	536	(2.3)	22	(1.1)	31	(1.1)	35	(1.2)	13	(1.0)
Italy .....	532	(2.1)	18	(1.3)	41	(1.1)	35	(1.3)	6	(0.7)
Norway <sup>10</sup> .....	568	(2.2)	8	(0.8)	29	(1.4)	46	(1.5)	18	(1.2)
Portugal <sup>7</sup> .....	522	(2.2)	23	(1.3)	43	(1.0)	30	(1.1)	5	(0.6)
Singapore <sup>9</sup> .....	588	(3.0)	8	(0.9)	20	(1.0)	38	(1.3)	34	(1.7)
Slovenia .....	525	(1.9)	22	(1.0)	39	(1.1)	33	(1.2)	5	(0.5)
Sweden .....	559	(2.3)	11	(0.8)	30	(1.4)	45	(1.4)	14	(1.0)
United Arab Emirates .....	468	(2.2)	50	(1.1)	28	(0.7)	17	(0.6)	5	(0.3)
United States <sup>11</sup> .....	557	(2.6)	14	(1.0)	30	(1.1)	38	(1.1)	18	(1.2)
<b>Benchmarking education systems</b>										
Abu Dhabi (United Arab Emirates) .....	431	(4.1)	64	(1.8)	22	(1.2)	11	(1.0)	3	(0.5)
Dubai (United Arab Emirates) .....	528	(1.6)	25	(0.8)	31	(0.7)	32	(1.0)	12	(0.5)

†Not applicable.

‡Reporting standards not met (too few cases for a reliable estimate).

<sup>1</sup>Most of the education systems represent complete countries, but some represent subnational entities, such as the city of Dubai within the United Arab Emirates.

<sup>2</sup>Scores on the Progress in International Reading Literacy Study's assessment of online reading (ePIRLS) are reported on a scale from 0 to 1,000, with the scale centerpoint set at 500 and the standard deviation set at 100.

<sup>3</sup>ePIRLS international benchmarks group achievement into four levels, providing a way to interpret scale scores and to understand how student proficiency varies at different points on the scale. The score range for each benchmark level (i.e., the lowest and highest score in that level) is shown in parentheses. The score cut-points (i.e., lowest scores) that define the beginning of each level were selected to be as close as possible to the standard percentile cut-points (i.e., the 25th, 50th, 75th, and 90th percentiles). Descriptions of the skills associated with each level can be found at [https://nces.ed.gov/surveys/pirls/pirls2016/tables/pirls2016\\_exhibit03.asp](https://nces.ed.gov/surveys/pirls/pirls2016/tables/pirls2016_exhibit03.asp).

<sup>4</sup>This column combines students who are in the Low level (scores of 400 to 474) with students who are below the Low level (scores of less than 400).

<sup>5</sup>International median percentages are shown in columns 3 through 6 of this row. Half the education systems have a percentage of students equal to or higher than the international median and half have a percentage of students below the median. The median includes

only the education systems shown in the top part of this table, which are members of the International Association for the Evaluation of Educational Achievement (IEA). "Benchmarking" education systems are not members of the IEA and are therefore not included in the median.

<sup>6</sup>National Target Population does not include all of the International Target Population.

<sup>7</sup>National Defined Population covers 90 to 95 percent of National Target Population.

<sup>8</sup>Did not satisfy guidelines for sample participation rates.

<sup>9</sup>National Defined Population covers less than 90 percent of National Target Population (but at least 77 percent).

<sup>10</sup>For ePIRLS 2016, Norway assessed students in grade 5, which is similar to grade 4 in many other countries because grade 1 in Norway is considered the equivalent of kindergarten instead of the first year of primary school.

<sup>11</sup>Met guidelines for sample participation rates only after replacement schools were included.

NOTE: The ePIRLS assessment measures students' achievement in online reading for informational purposes.

SOURCE: International Association for the Evaluation of Educational Achievement (IEA), Progress in International Reading Literacy Study (PIRLS), 2016. (This table was prepared November 2017).

**Table 602.20. Average fourth-grade scores and annual instructional time in mathematics and science, by country or other education system: 2015**

[Standard errors appear in parentheses]

Country or other education system <sup>1</sup>	Mathematics					Science				
	Total instructional hours per year	Average score <sup>2</sup>	Instructional time in mathematics			Average score <sup>2</sup>	Instructional time in science			
			Hours per year	As a percent of total instructional hours			Hours per year	As a percent of total instructional hours		
1	2	3	4	5	6	7	8			
<b>International average<sup>3</sup></b>	<b>888 (2.0)</b>	<b>500 (†)</b>	<b>155 (0.5)</b>	<b>17 (0.1)</b>	<b>500 (†)</b>	<b>76 (0.4)</b>	<b>9 (‡)</b>			
Australia	1,014 <sup>4</sup> (8.4)	517 (3.1)	202 <sup>4</sup> (3.5)	20 (0.4)	524 (2.9)	57 <sup>4</sup> (1.5)	6 (0.2)			
Bahrain <sup>5</sup>	976 (0.6)	451 (1.6)	159 <sup>4</sup> (2.9)	16 (0.3)	459 (2.6)	103 <sup>4</sup> (0.6)	11 (0.1)			
Belgium (Flemish) <sup>6</sup>	955 <sup>4</sup> (11.6)	546 (2.1)	218 <sup>4</sup> (3.2)	23 (0.4)	512 (2.3)	— (†)	— (†)			
Bulgaria	707 <sup>4</sup> (27.3)	524 (5.3)	105 (2.9)	15 (0.7)	536 (5.9)	42 (2.3)	6 (0.4)			
Canada <sup>5,6,7,8</sup>	951 (4.1)	511 (2.3)	196 <sup>4</sup> (3.2)	21 (0.3)	525 (2.6)	81 <sup>4</sup> (2.0)	9 (0.2)			
Chile	1,094 <sup>4</sup> (16.9)	459 (2.4)	206 <sup>9</sup> (6.4)	19 (0.7)	478 (2.7)	93 <sup>9</sup> (2.5)	9 (0.3)			
Chinese Taipei	969 (14.4)	597 (1.9)	128 <sup>4</sup> (4.3)	13 (0.5)	555 (1.8)	91 (1.9)	9 (0.2)			
Croatia	778 (21.6)	502 (1.8)	124 (1.8)	16 (0.5)	533 (2.1)	82 (1.5)	11 (0.4)			
Cyprus	827 <sup>4</sup> (12.4)	523 (2.7)	161 <sup>4</sup> (5.5)	19 (0.7)	481 (2.6)	48 <sup>4</sup> (0.9)	6 (0.1)			
Czech Republic	771 (10.4)	528 (2.2)	125 (4.1)	16 (0.6)	534 (2.4)	38 (2.0)	5 (0.3)			
Denmark <sup>6,6</sup>	1,051 <sup>4</sup> (11.2)	539 (2.7)	150 <sup>9</sup> (3.1)	14 (0.3)	527 (2.1)	80 <sup>9</sup> (2.3)	8 (0.2)			
England (United Kingdom)	994 (9.9)	546 (2.8)	189 <sup>4</sup> (4.5)	19 (0.5)	536 (2.4)	61 <sup>4</sup> (2.2)	6 (0.2)			
Finland	737 (8.9)	535 (2.0)	115 (2.2)	16 (0.4)	554 (2.3)	82 (1.8)	11 (0.3)			
France	858 <sup>4</sup> (8.2)	488 (2.9)	193 <sup>4</sup> (3.9)	22 (0.5)	487 (2.7)	56 <sup>4</sup> (1.8)	7 (0.2)			
Georgia <sup>9</sup>	743 <sup>4</sup> (19.5)	463 (3.6)	138 <sup>4</sup> (2.1)	19 (0.6)	451 (3.7)	80 (1.4)	11 (0.3)			
Germany	820 <sup>4</sup> (9.1)	522 (2.0)	147 <sup>4</sup> (2.0)	18 (0.3)	528 (2.4)	61 <sup>9</sup> (3.8)	7 (0.5)			
Hong Kong <sup>6</sup> (China)	999 (13.1)	615 (2.9)	159 (4.7)	16 (0.5)	557 (2.9)	± (†)	— (†)			
Hungary	784 (11.8)	529 (3.2)	129 (2.5)	16 (0.4)	542 (3.3)	63 (1.7)	8 (0.2)			
Indonesia	1,095 <sup>4</sup> (20.9)	397 (3.7)	149 <sup>4</sup> (5.0)	14 (0.5)	397 (4.8)	116 <sup>4</sup> (4.0)	11 (0.4)			
Iran, Islamic Republic of	645 <sup>4</sup> (6.4)	431 (3.2)	112 <sup>4</sup> (2.3)	17 (0.4)	421 (4.0)	87 <sup>4</sup> (3.0)	13 (0.5)			
Ireland	854 (#)	547 (2.1)	165 (2.4)	19 (0.3)	529 (2.4)	32 (0.7)	4 (0.1)			
Italy <sup>6</sup>	1,061 (20.5)	507 (2.6)	231 <sup>4</sup> (4.5)	22 (0.6)	516 (2.6)	76 (1.6)	7 (0.2)			
Japan	903 (3.7)	593 (2.0)	151 (1.1)	17 (0.1)	569 (1.8)	91 (0.5)	10 (0.1)			
Jordan	931 (14.2)	388 (3.1)	133 (3.3)	14 (0.4)	— (†)	— (†)	— (†)			
Kazakhstan	813 (16.2)	544 (4.5)	132 (3.8)	16 (0.6)	550 (4.4)	58 (2.9)	7 (0.4)			
Korea, Republic of	712 (8.9)	608 (2.2)	100 (1.4)	14 (0.3)	589 (2.0)	76 (1.0)	11 (0.2)			
Kuwait <sup>10</sup>	912 <sup>9</sup> (27.9)	353 (4.6)	128 <sup>9</sup> (4.4)	14 (0.6)	337 (6.2)	77 <sup>9</sup> (3.5)	8 (0.5)			
Lithuania <sup>5</sup>	629 (5.5)	535 (2.5)	111 (1.6)	18 (0.3)	528 (2.5)	53 (1.0)	8 (0.2)			
Morocco	1,054 <sup>4</sup> (18.8)	377 (3.4)	172 <sup>4</sup> (2.8)	16 (0.4)	352 <sup>10</sup> (4.7)	54 <sup>4</sup> (0.9)	5 (0.1)			
Netherlands <sup>5</sup>	1,073 <sup>9</sup> (16.2)	530 (1.7)	± (†)	— (†)	517 (2.7)	± (†)	— (†)			
New Zealand	923 (5.5)	491 (2.3)	163 <sup>4</sup> (2.3)	18 (0.3)	506 (2.7)	43 <sup>4</sup> (2.0)	5 (0.2)			
Northern Ireland <sup>11</sup> (United Kingdom)	962 <sup>4</sup> (10.2)	570 (2.9)	215 <sup>9</sup> (6.5)	22 (0.7)	520 (2.2)	38 <sup>9</sup> (2.1)	4 (0.2)			
Norway <sup>12</sup>	817 (8.7)	549 (2.5)	117 <sup>4</sup> (2.4)	14 (0.3)	538 (2.6)	59 <sup>4</sup> (1.7)	7 (0.2)			
Oman	962 <sup>4</sup> (11.7)	425 (2.5)	148 <sup>9</sup> (4.5)	15 (0.5)	431 (3.1)	123 <sup>9</sup> (3.1)	13 (0.4)			
Poland	752 <sup>4</sup> (6.9)	535 (2.1)	112 <sup>4</sup> (1.1)	15 (0.2)	547 (2.4)	84 <sup>4</sup> (1.1)	11 (0.2)			
Portugal <sup>5</sup>	864 (8.5)	541 (2.2)	275 <sup>4</sup> (4.0)	32 (0.6)	508 (2.2)	111 <sup>4</sup> (3.8)	13 (0.5)			
Qatar	1,056 <sup>4</sup> (16.1)	439 (3.4)	185 <sup>4</sup> (4.6)	18 (0.5)	436 (4.1)	125 <sup>4</sup> (4.4)	12 (0.5)			
Russian Federation	661 (6.9)	564 (3.4)	106 (1.4)	16 (0.3)	567 (3.2)	49 (0.9)	7 (0.2)			
Saudi Arabia	1,080 <sup>4</sup> (19.6)	383 <sup>10</sup> (4.1)	148 <sup>9</sup> (4.5)	14 (0.5)	390 (4.9)	77 <sup>4</sup> (3.7)	7 (0.4)			
Serbia <sup>13</sup>	737 (16.2)	518 (3.5)	154 (1.6)	21 (0.5)	525 (3.7)	75 (3.5)	10 (0.5)			
Singapore <sup>5</sup>	986 (#)	618 (3.8)	201 (1.6)	20 (0.2)	590 (3.7)	85 (1.4)	9 (0.1)			
Slovak Republic	759 (8.1)	498 (2.5)	129 (2.1)	17 (0.3)	520 (2.6)	52 (2.0)	7 (0.3)			
Slovenia	716 <sup>4</sup> (7.2)	520 (1.9)	144 <sup>4</sup> (1.2)	20 (0.3)	543 (2.4)	86 <sup>4</sup> (1.3)	12 (0.2)			
Spain <sup>5</sup>	864 (10.2)	505 (2.5)	161 (2.3)	19 (0.3)	518 (2.6)	124 <sup>4</sup> (2.6)	14 (0.3)			
Sweden <sup>5</sup>	839 <sup>4</sup> (10.6)	519 (2.8)	110 <sup>4</sup> (2.3)	13 (0.3)	540 (3.6)	79 (1.8)	9 (0.2)			
Turkey	847 (18.0)	483 (3.1)	120 (3.3)	14 (0.5)	483 (3.3)	83 (1.7)	10 (0.3)			
United Arab Emirates	1,009 <sup>4</sup> (4.6)	452 (2.4)	162 <sup>9</sup> (2.4)	16 (0.2)	451 (2.8)	111 <sup>9</sup> (2.1)	11 (0.2)			
United States <sup>5,6</sup>	1,088 (9.2)	539 (2.3)	216 <sup>4</sup> (4.1)	20 (0.4)	546 (2.2)	100 <sup>4</sup> (3.7)	9 (0.3)			
<b>Benchmarking education systems</b>										
Abu Dhabi <sup>5</sup> (United Arab Emirates)	1,025 <sup>4</sup> (11.1)	419 <sup>10</sup> (4.7)	163 <sup>9</sup> (4.5)	16 (0.5)	415 (5.6)	116 <sup>9</sup> (4.3)	11 (0.4)			
Buenos Aires (Argentina)	951 <sup>9</sup> (31.3)	432 (2.9)	± (†)	— (†)	418 (4.7)	± (†)	— (†)			
Dubai (United Arab Emirates)	996 <sup>4</sup> (0.4)	511 (1.4)	160 <sup>9</sup> (1.4)	16 (0.1)	518 (1.8)	110 <sup>4</sup> (1.2)	11 (0.1)			
Florida <sup>4</sup> (United States)	1,075 <sup>4</sup> (21.6)	546 (4.7)	212 <sup>9</sup> (11.1)	20 (1.1)	549 (4.8)	105 <sup>9</sup> (5.8)	10 (0.6)			
Ontario (Canada)	953 (6.2)	512 (2.3)	195 <sup>4</sup> (3.2)	20 (0.4)	530 (2.5)	88 <sup>4</sup> (3.1)	9 (0.3)			
Quebec <sup>15</sup> (Canada)	910 (8.0)	536 (4.0)	221 (8.9)	24 (1.0)	525 (4.1)	43 (2.9)	5 (0.3)			

—Not available.

†Not applicable.

#Rounds to zero.

‡Reporting standards not met. Either data are available for less than 50 percent of students or the coefficient of variation (CV) is 50 percent or greater.

<sup>1</sup>Most of the education systems represent complete countries, but some represent subnational entities; examples include the Flemish community of Belgium, two components of the United Kingdom (England and Northern Ireland), a few individual cities (such as Abu Dhabi within the United Arab Emirates), and the U.S. state of Florida.

<sup>2</sup>Trends in International Mathematics and Science Study (TIMSS) scores are reported on a scale from 0 to 1,000, with the scale centerpoint set at 500 and the standard deviation set at 100.

<sup>3</sup>The international average includes only education systems that are members of the International Association for the Evaluation of Educational Achievement (IEA), which develops and implements TIMSS at the international level. "Benchmarking" education systems are not members of the IEA and are therefore not included in the average.

<sup>4</sup>Data are available for at least 70 percent but less than 85 percent of students.

<sup>5</sup>National Defined Population covers 90 to 95 percent of National Target Population.

<sup>6</sup>Met guidelines for sample participation rates only after replacement schools were included.

<sup>7</sup>Data for Canada include only students from the provinces of Alberta, Manitoba, Newfoundland, Ontario, and Quebec.

<sup>8</sup>National Target Population does not include all of the International Target Population.

<sup>9</sup>Data are available for at least 50 percent but less than 70 percent of students.

<sup>10</sup>The TIMSS & PIRLS International Study Center has reservations about the reliability of the average achievement score because the percentage of students with achievement too low for estimation exceeds 15 percent, though it is less than 25 percent.

<sup>11</sup>Nearly satisfied guidelines for sample participation rates after replacement schools were included.

<sup>12</sup>Norway collected data from students in their fifth year of schooling rather than in grade 4 because year 1 in Norway is considered the equivalent of kindergarten rather than the first year of primary school.

<sup>13</sup>National Defined Population covers less than 90 percent of National Target Population (but at least 77 percent).

<sup>14</sup>U.S. state-level data are based on public school students only.

<sup>15</sup>Did not satisfy guidelines for sample participation rates.

NOTE: Countries and other education systems were required to draw probability samples of students who were nearing the end of their fourth year of formal schooling (counting the first year of primary school as year 1), provided that the mean age at the time of testing was at least 9.5 years. Instructional times shown in this table are actual or implemented times (as opposed to intended times prescribed by the curriculum). Principals reported total instructional hours per day and school days per year. Total instructional hours per year were calculated by multiplying the number of school days per year by the number of instructional hours per day. Teachers reported instructional hours per week in mathematics and science. Instructional hours per year in mathematics and science were calculated by dividing weekly instructional hours by the number of school days per week and then multiplying by the number of school days per year.

SOURCE: International Association for the Evaluation of Educational Achievement (IEA), Trends in International Mathematics and Science Study (TIMSS), 2015; International Results in Mathematics and Science, retrieved from Boston College, TIMSS & PIRLS International Study Center website (<http://timssandpirls.bc.edu/timss2015/international-results/>). (This table was prepared December 2016.)

**Table 602.30. Average eighth-grade scores and annual instructional time in mathematics and science, by country or other education system: 2015**

[Standard errors appear in parentheses]

Country or other education system <sup>1</sup>	Total instructional hours per year	Mathematics				Science			
		Average score <sup>2</sup>	Instructional time in mathematics		Average score <sup>2</sup>	Instructional time in science <sup>3</sup>			
			Hours per year	As a percent of total instructional hours		Hours per year	As a percent of total instructional hours		
1	2	3	4	5	6	7	8		
<b>International average<sup>4</sup></b> .....	<b>1,013 (2.1)</b>	<b>500 (†)</b>	<b>136 (0.5)</b>	<b>13 (0.1)</b>	<b>500 (†)</b>	<b>144 (0.7)</b>	<b>14 (0.1)</b>		
Australia .....	1,011 <sup>5</sup> (6.3)	505 (3.1)	139 <sup>5</sup> (2.0)	14 (0.2)	512 (2.7)	126 <sup>6</sup> (1.6)	12 (0.2)		
Bahrain .....	1,032 (1.0)	454 (1.4)	153 (2.3)	15 (0.2)	466 (2.2)	125 <sup>5</sup> (10.2)	12 (1.0)		
Canada <sup>7,8,9</sup> .....	949 <sup>5</sup> (4.9)	527 (2.2)	168 <sup>5</sup> (2.9)	18 (0.3)	526 (2.1)	97 <sup>6</sup> (2.2)	10 (0.2)		
Chile .....	1,127 <sup>5</sup> (18.0)	427 <sup>10</sup> (3.2)	192 <sup>6</sup> (5.8)	17 (0.6)	454 (3.1)	113 <sup>6</sup> (5.0)	10 (0.5)		
Chinese Taipei .....	1,132 (9.7)	599 (2.4)	160 (2.4)	14 (0.2)	569 (2.1)	144 (2.3)	13 (0.2)		
Egypt .....	1,099 (21.2)	392 <sup>10</sup> (4.1)	132 (3.3)	12 (0.4)	371 (4.3)	114 (2.9)	10 (0.3)		
England (United Kingdom) .....	1,009 <sup>5</sup> (8.3)	518 (4.2)	126 <sup>5</sup> (3.4)	12 (0.4)	537 (3.8)	97 <sup>6</sup> (3.8)	10 (0.4)		
Georgia <sup>5,11</sup> .....	864 <sup>5</sup> (16.7)	453 (3.4)	122 <sup>5</sup> (4.0)	14 (0.5)	443 (3.1)	241 <sup>6</sup> (6.8)	28 (1.0)		
Hong Kong (China) .....	995 (11.7)	594 (4.6)	139 (3.1)	14 (0.4)	546 (3.9)	102 (2.8)	10 (0.3)		
Hungary .....	842 (10.3)	514 (3.8)	113 (2.3)	13 (0.3)	527 (3.4)	201 (5.4)	24 (0.7)		
Iran, Islamic Republic of .....	971 (16.9)	436 <sup>10</sup> (4.6)	131 (4.6)	13 (0.5)	456 (4.0)	120 (3.1)	12 (0.4)		
Ireland .....	963 <sup>5</sup> (3.2)	523 (2.7)	109 (0.8)	11 (0.1)	530 (2.8)	90 <sup>5</sup> (0.9)	9 (0.1)		
Israel <sup>12</sup> .....	1,133 <sup>5</sup> (15.5)	511 (4.1)	153 <sup>5</sup> (2.2)	14 (0.3)	507 (3.9)	129 <sup>5</sup> (3.5)	11 (0.3)		
Italy <sup>11</sup> .....	1,047 <sup>5</sup> (9.6)	494 (2.5)	149 (2.9)	14 (0.3)	499 (2.4)	71 <sup>5</sup> (1.3)	7 (0.1)		
Japan .....	1,036 (6.1)	586 (2.3)	106 (1.5)	10 (0.2)	571 (1.8)	131 (1.7)	13 (0.2)		
Jordan .....	976 (12.5)	386 <sup>13</sup> (3.2)	132 (2.3)	14 (0.3)	426 (3.3)	131 (2.3)	13 (0.3)		
Kazakhstan .....	933 (19.4)	528 (5.3)	129 (3.4)	14 (0.5)	533 (4.4)	239 (5.4)	26 (0.8)		
Korea, Republic of .....	947 (6.0)	606 (2.6)	114 (1.2)	12 (0.1)	556 (2.3)	94 (2.1)	10 (0.2)		
Kuwait .....	997 <sup>5</sup> (18.6)	392 <sup>10</sup> (4.6)	136 <sup>5</sup> (3.5)	14 (0.4)	411 (5.2)	117 <sup>5</sup> (3.0)	12 (0.4)		
Lebanon .....	945 <sup>5</sup> (14.8)	442 (3.6)	158 <sup>5</sup> (5.0)	17 (0.6)	398 (5.3)	243 <sup>5</sup> (10.7)	26 (1.2)		
Lithuania <sup>11</sup> .....	856 (10.2)	511 (2.8)	115 (1.7)	13 (0.3)	519 (2.8)	205 (4.2)	24 (0.6)		
Malaysia .....	1,172 <sup>5</sup> (15.6)	465 (3.6)	135 (4.1)	12 (0.4)	471 (4.1)	130 <sup>5</sup> (4.0)	11 (0.4)		
Malta .....	964 (0.3)	494 (1.0)	127 <sup>5</sup> (0.1)	13 (#)	481 (1.6)	311 <sup>5</sup> (1.0)	32 (0.1)		
Morocco .....	1,364 (25.8)	384 <sup>13</sup> (2.3)	152 <sup>5</sup> (2.4)	11 (0.3)	393 (2.5)	160 <sup>5</sup> (4.5)	12 (0.4)		
New Zealand <sup>9</sup> .....	966 <sup>5</sup> (6.9)	493 (3.4)	144 <sup>5</sup> (2.5)	15 (0.3)	513 (3.1)	133 <sup>5</sup> (2.5)	14 (0.3)		
Norway <sup>14</sup> .....	895 (8.8)	512 (2.3)	105 <sup>5</sup> (2.2)	12 (0.3)	509 (2.8)	81 <sup>5</sup> (1.5)	9 (0.2)		
Oman .....	980 <sup>5</sup> (14.5)	403 <sup>10</sup> (2.4)	166 <sup>6</sup> (2.7)	17 (0.4)	455 (2.7)	143 <sup>5</sup> (3.1)	15 (0.4)		
Qatar .....	1,085 <sup>5</sup> (1.9)	437 <sup>10</sup> (3.0)	157 <sup>5</sup> (2.8)	14 (0.3)	457 (3.0)	155 <sup>5</sup> (2.6)	14 (0.2)		
Russian Federation .....	884 (9.4)	538 (4.7)	145 (3.1)	16 (0.4)	544 (4.2)	219 <sup>5</sup> (2.9)	25 (0.4)		
Saudi Arabia .....	1,112 (18.7)	368 <sup>13</sup> (4.6)	155 <sup>5</sup> (4.3)	14 (0.5)	396 (4.5)	130 (5.7)	12 (0.5)		
Singapore <sup>11</sup> .....	1,065 (#)	621 (3.2)	129 (1.3)	12 (0.1)	597 (3.2)	106 (1.4)	10 (0.1)		
Slovenia .....	867 <sup>5</sup> (10.3)	516 (2.1)	114 <sup>5</sup> (1.3)	13 (0.2)	551 (2.4)	221 <sup>5</sup> (4.7)	25 (0.6)		
Sweden .....	921 (8.6)	501 (2.8)	99 (1.5)	11 (0.2)	522 (3.5)	122 (4.1)	13 (0.5)		
Thailand .....	1,209 (6.8)	431 (4.8)	111 (1.7)	9 (0.1)	456 (4.2)	110 (1.7)	9 (0.1)		
Turkey .....	983 (22.6)	458 (4.7)	117 (2.7)	12 (0.4)	493 (4.0)	112 (3.0)	11 (0.4)		
United Arab Emirates .....	1,016 <sup>5</sup> (6.4)	465 (2.0)	159 <sup>6</sup> (2.7)	16 (0.3)	477 (2.3)	115 <sup>6</sup> (4.3)	11 (0.4)		
United States <sup>9</sup> .....	1,135 (8.8)	518 (3.1)	155 <sup>5</sup> (3.9)	14 (0.4)	530 (2.8)	144 <sup>6</sup> (2.4)	13 (0.2)		
<b>Benchmarking education systems</b>									
Abu Dhabi (United Arab Emirates) .....	1,024 <sup>5</sup> (11.0)	442 (4.7)	166 <sup>6</sup> (5.2)	16 (0.5)	454 (5.6)	122 <sup>6</sup> (6.6)	12 (0.7)		
Buenos Aires <sup>9</sup> (Argentina) .....	1,164 <sup>6</sup> (46.7)	396 <sup>13</sup> (4.2)	† (†)	— (†)	386 (4.2)	† (†)	— (†)		
Dubai (United Arab Emirates) .....	1,010 <sup>5</sup> (1.3)	512 (2.1)	152 <sup>5</sup> (1.7)	15 (0.2)	525 (2.0)	115 <sup>6</sup> (3.5)	11 (0.3)		
Florida <sup>5,15</sup> (United States) .....	1,155 <sup>6</sup> (39.9)	493 (6.4)	146 <sup>6</sup> (9.0)	13 (0.9)	508 (6.0)	† (†)	— (†)		
Ontario (Canada) .....	970 <sup>5</sup> (6.0)	522 (2.9)	179 <sup>5</sup> (3.8)	18 (0.4)	524 (2.5)	91 <sup>6</sup> (3.3)	9 (0.3)		
Quebec <sup>16</sup> (Canada) .....	906 (7.0)	543 (3.9)	149 (4.2)	16 (0.5)	530 (4.4)	98 <sup>5</sup> (2.7)	11 (0.3)		

—Not available.

†Not applicable.

#Rounds to zero.

‡Reporting standards not met. Either data are available for less than 50 percent of the students or the coefficient of variation (CV) is 50 percent or greater.

<sup>1</sup>Most of the education systems represent complete countries, but some represent subnational entities; examples include two Canadian provinces (Ontario and Quebec), a component of the United Kingdom (England), the U.S. state of Florida, and a few individual cities (such as Abu Dhabi within the United Arab Emirates).

<sup>2</sup>Trends in International Mathematics and Science Study (TIMSS) scores are reported on a scale from 0 to 1,000, with the scale centerpoint set at 500 and the standard deviation set at 100.

<sup>3</sup>General/integrated science instructional time is shown for the 27 participating countries that teach science as a general or integrated subject at eighth grade. For the 10 participating countries that teach the sciences as separate subjects (biology, chemistry, etc.) at eighth grade, total instructional time across science subjects is shown.

<sup>4</sup>The international average includes only education systems that are members of the International Association for the Evaluation of Educational Achievement (IEA), which develops and implements TIMSS at the international level. "Benchmarking" education systems are not members of the IEA and are therefore not included in the average.

<sup>5</sup>Data are available for at least 70 percent but less than 85 percent of students.

<sup>6</sup>Data are available for at least 50 percent but less than 70 percent of students.

<sup>7</sup>Data for Canada include only students from the provinces of Manitoba, Newfoundland, Ontario, and Quebec.

<sup>8</sup>National Target Population does not include all of the International Target Population.

<sup>9</sup>Met guidelines for sample participation rates only after replacement schools were included.

<sup>10</sup>The TIMSS & PIRLS International Study Center has reservations about the reliability of the average achievement score because the percentage of students with achievement too low for estimation exceeds 15 percent, though it is less than 25 percent.

<sup>11</sup>National Defined Population covers 90 to 95 percent of National Target Population.

<sup>12</sup>National Defined Population covers less than 90 percent of the National Target Population (but at least 77 percent).

<sup>13</sup>The TIMSS & PIRLS International Study Center has reservations about the reliability of the average achievement score because the percentage of students with achievement too low for estimation exceeds 25 percent.

<sup>14</sup>Norway collected data from students in their ninth year of schooling rather than in grade 8 because year 1 in Norway is considered the equivalent of kindergarten rather than the first year of primary school.

<sup>15</sup>U.S. state-level data are based on public school students only.

<sup>16</sup>Did not satisfy guidelines for sample participation rates.

NOTE: Countries and other education systems were required to draw probability samples of students who were nearing the end of their eighth year of formal schooling (counting the first year of primary school as year 1), provided that the mean age at the time of testing was at least 13.5 years. Instructional times shown in this table are actual or implemented times (as opposed to intended times prescribed by the curriculum). Principals reported total instructional hours per day and school days per year. Total instructional hours per year were calculated by multiplying the number of school days per year by the number of instructional hours per day. Teachers reported instructional hours per week in mathematics and science. Instructional hours per year in mathematics and science were calculated by dividing weekly instructional hours by the number of school days per week and then multiplying by the number of school days per year.

SOURCE: International Association for the Evaluation of Educational Achievement (IEA), Trends in International Mathematics and Science Study (TIMSS), 2015; International Results in Mathematics and Science, retrieved from Boston College, TIMSS & PIRLS International Study Center website (<http://timssandpirls.bc.edu/timss2015/international-results/>). (This table was prepared December 2016.)

**Table 602.35. Average advanced mathematics and physics scores of high school seniors who had taken advanced courses in these subjects, seniors who had taken such courses as a percentage of their age cohort, and instructional time in such courses, by country: 2015**

[Standard errors appear in parentheses]

Country	Advanced mathematics						Physics				
	Total instructional hours per year (includes all subjects) <sup>1</sup>	Average score <sup>2</sup>	Percent of age cohort taking advanced mathematics courses <sup>3,4</sup>	Instructional time in advanced mathematics		Total instructional hours per year (includes all subjects) <sup>1</sup>	Average score <sup>2</sup>	Percent of age cohort taking physics courses <sup>3,5</sup>	Instructional time in physics		
				Hours per year	As a percent of total instructional hours				Hours per year	As a percent of total instructional hours	
1	2	3	4	5	6	7	8	9	10	11	
<b>International average<sup>6</sup></b> .....	<b>1,027</b> (5.8)	<b>500</b> (†)	†	<b>171</b> (1.5)	<b>17</b> (0.2)	<b>1,023</b> (6.2)	<b>500</b> (†)	†	<b>133</b> (1.8)	<b>13</b> (0.2)	
France .....	1,340 (22.5)	463 (3.1)	21.5	222 <sup>7</sup> (4.3)	17 (0.4)	1,340 (22.5)	373 (4.0)	21.5	116 <sup>7</sup> (4.2)	9 (0.3)	
Italy .....	1,036 <sup>7</sup> (9.6)	422 (5.3)	24.5	130 (2.1)	13 (0.2)	1,018 <sup>7</sup> (8.2)	374 (6.9)	18.2	102 <sup>7</sup> (1.7)	10 (0.2)	
Lebanon <sup>8</sup> .....	931 (11.2)	532 (3.1)	3.9	242 (7.8)	26 (0.9)	932 (11.2)	410 (4.5)	3.9	200 (3.1)	21 (0.4)	
Norway .....	1,033 <sup>7</sup> (19.8)	459 (4.6)	10.6	149 <sup>7</sup> (5.7)	14 (0.6)	991 <sup>7</sup> (14.1)	507 (4.6)	6.5	139 <sup>7</sup> (3.0)	14 (0.4)	
Portugal .....	1,073 <sup>7</sup> (32.3)	482 <sup>9</sup> (2.5)	28.5	186 (3.6)	17 (0.6)	1,046 <sup>7</sup> (37.1)	467 (4.6)	5.1	120 (6.2)	11 (0.7)	
Russian Federation (intensive courses) <sup>10</sup> .....	942 <sup>7</sup> (14.4)	540 (7.8)	1.9	207 (4.2)	22 (0.6)	† (†)	† (†)	†	† (†)	† (†)	
Russian Federation .....	914 (8.9)	485 (5.7)	10.1	178 (2.1)	19 (0.3)	920 (8.7)	508 (7.1)	4.9	133 (2.0)	14 (0.3)	
Slovenia .....	902 (10.6)	460 (3.4)	34.4	131 (1.8)	15 (0.3)	902 (5.9)	531 (2.5)	7.6	115 (1.0)	13 (0.1)	
Sweden .....	901 (12.9)	431 (4.0)	14.1	141 (4.2)	16 (0.5)	920 (13.8)	455 (5.9)	14.3	106 (3.0)	12 (0.4)	
United States <sup>8</sup> .....	1,111 (13.3)	485 (5.2)	11.4	156 <sup>7</sup> (4.3)	14 (0.4)	1,132 <sup>7</sup> (22.5)	437 (9.7)	4.8	162 <sup>11</sup> (13.3)	14 (1.2)	

†Not applicable.

<sup>1</sup>Because countries may have used two different school samples—one for advanced mathematics and one for physics—the total number of instructional hours per year for a particular country may be different in column 2 (based on the advanced mathematics sample) than in column 7 (based on the physics sample).

<sup>2</sup>Trends in International Mathematics and Science Study (TIMSS) Advanced scores are reported on a scale from 0 to 1,000, with the scale centerpoint set at 500 and the standard deviation set at 100.

<sup>3</sup>Columns 4 and 9 show final-year secondary school students who have taken or are taking the specified courses as a percentage of the age cohort that corresponds to the final year of secondary school in their country. The age cohort represents the entire population of the country that is about the same age as the average age of final-year secondary students (approximately 18 or 19 years old, depending on the country). In the United States, the cohort consists of the total population of 18-year-olds. For the United States, therefore, columns 4 and 9 show the percentage of all 18-year-olds who have taken the specified courses.

<sup>4</sup>Includes advanced mathematics courses covering topics in geometry, algebra, and calculus. In the United States, includes Advanced Placement (AP) calculus, International Baccalaureate (IB) mathematics, and state- and school-specific calculus courses.

<sup>5</sup>Includes physics courses covering topics in mechanics and thermodynamics, electricity and magnetism, and wave phenomena and atomic/nuclear physics. In the United States, includes AP physics, IB physics, and state- and school-specific second-year physics courses.

<sup>6</sup>The international average includes only education systems that are members of the International Association for the Evaluation of Educational Achievement (IAE), which develops and implements TIMSS at the international level. All nine of the education systems that participated in TIMSS Advanced are countries that are members of IAE.

<sup>7</sup>Data are available for at least 70 percent but less than 85 percent of students.

<sup>8</sup>Did not satisfy guidelines for sample participation rates.

<sup>9</sup>Met guidelines for sample participation rates only after replacement schools were included.

<sup>10</sup>Intensive courses are advanced mathematics courses that involve 6 or more hours per week. Results for students in these courses are reported separately from the results for other students from the Russian Federation taking courses that involve 4.5 hours per week.

<sup>11</sup>Data are available for at least 50 percent but less than 70 percent of students.

NOTE: Countries were required to draw probability samples of students in their final year of secondary school; in the United States, samples of 12th-graders were drawn. Instructional times shown in this table are actual or implemented times (as opposed to intended times prescribed by the curriculum). Principals reported total instructional hours per day and school days per year. Total instructional hours per year were calculated by multiplying the number of school days per year by the number of instructional hours per day. Teachers reported instructional hours per week in advanced mathematics and physics. Instructional hours per year in advanced mathematics and physics were calculated by dividing weekly instructional hours by the number of school days per week and then multiplying by the number of school days per year.

SOURCE: International Association for the Evaluation of Educational Achievement (IEA), Trends in International Mathematics and Science Study (TIMSS) Advanced, 2015. (This table was prepared January 2017.)

**Table 602.40. Average reading literacy, mathematics literacy, and science literacy scores of 15-year-old students, by sex and country or other education system: 2009, 2012, and 2015**

[Standard errors appear in parentheses]

Country or other education system	Reading literacy					Mathematics literacy					Science literacy				
	2009	2012	2015			2009	2012	2015			2009	2012	2015		
			Total	Male	Female			Total	Male	Female			Total	Male	Female
			4	5	6			9	10	11			14	15	16
2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	
<b>OECD average<sup>1</sup></b>	<b>493 (0.5)</b>	<b>496 (0.5)</b>	<b>493 (0.5)</b>	<b>479 (0.6)</b>	<b>506 (0.5)</b>	<b>496 (0.5)</b>	<b>494 (0.5)</b>	<b>490 (0.4)</b>	<b>494 (0.6)</b>	<b>486 (0.5)</b>	<b>501 (0.5)</b>	<b>501 (0.5)</b>	<b>493 (0.4)</b>	<b>495 (0.5)</b>	<b>491 (0.5)</b>
Australia	515 (2.3)	512 (1.6)	503 (1.7)	487 (2.3)	519 (2.3)	514 (2.5)	504 (1.6)	494 (1.6)	497 (2.1)	491 (2.5)	527 (2.5)	521 (1.8)	510 (1.5)	511 (2.1)	509 (1.7)
Austria	470 (2.9)	490 (2.8)	485 (2.8)	475 (4.3)	495 (3.7)	496 (2.7)	506 (2.7)	497 (2.9)	510 (3.8)	483 (3.6)	494 (3.2)	506 (2.7)	495 (2.4)	504 (3.6)	486 (3.1)
Belgium	506 (2.3)	509 (2.3)	499 (2.4)	491 (3.1)	507 (2.9)	515 (2.3)	515 (2.1)	507 (2.4)	514 (3.1)	500 (2.8)	507 (2.5)	505 (2.2)	502 (2.3)	508 (3.1)	496 (2.7)
Canada	524 (1.5)	523 (1.9)	527 (2.3)	514 (2.6)	540 (2.5)	527 (1.6)	518 (1.8)	516 (2.3)	520 (2.9)	511 (2.6)	529 (1.6)	525 (1.9)	528 (2.1)	528 (2.5)	527 (2.3)
Chile	449 (3.1)	441 (2.9)	459 (2.6)	453 (3.4)	465 (2.9)	421 (3.1)	423 (3.1)	423 (2.5)	432 (3.1)	413 (3.0)	447 (2.9)	445 (2.9)	447 (2.4)	454 (3.1)	440 (2.7)
Czech Republic	478 (2.9)	493 (2.9)	487 (2.6)	475 (3.6)	501 (2.9)	493 (2.8)	499 (2.9)	492 (2.4)	496 (3.3)	489 (2.8)	500 (3.0)	508 (3.0)	493 (2.3)	497 (3.3)	488 (2.5)
Denmark	495 (2.1)	496 (2.6)	500 (2.5)	489 (2.8)	511 (3.4)	503 (2.6)	500 (2.3)	511 (2.2)	516 (2.5)	506 (2.8)	499 (2.5)	498 (2.7)	502 (2.4)	505 (2.6)	499 (3.2)
Estonia	501 (2.6)	516 (2.0)	519 (2.2)	505 (2.9)	533 (2.3)	512 (2.6)	521 (2.0)	520 (2.0)	522 (2.7)	517 (2.3)	528 (2.7)	541 (1.9)	534 (2.1)	536 (2.7)	533 (2.3)
Finland	536 (2.3)	524 (2.4)	526 (2.5)	504 (3.0)	551 (2.8)	541 (2.2)	519 (1.9)	511 (2.3)	507 (2.6)	515 (2.6)	554 (2.3)	545 (2.2)	531 (2.4)	521 (2.7)	541 (2.6)
France	496 (3.4)	505 (2.8)	499 (2.5)	485 (3.3)	514 (3.3)	497 (3.1)	495 (2.5)	493 (2.1)	496 (2.9)	490 (2.6)	498 (3.6)	499 (2.6)	495 (2.1)	496 (2.7)	494 (2.7)
Germany	497 (2.7)	508 (2.8)	509 (3.0)	499 (3.7)	520 (3.1)	513 (2.9)	514 (2.9)	506 (2.9)	514 (3.5)	498 (3.0)	520 (2.8)	524 (3.0)	509 (2.7)	514 (3.2)	504 (2.8)
Greece	483 (4.3)	477 (3.3)	467 (4.3)	449 (5.1)	486 (4.2)	466 (3.9)	453 (2.5)	454 (3.8)	454 (4.7)	454 (3.6)	470 (4.0)	467 (3.1)	455 (3.9)	451 (4.6)	459 (3.9)
Hungary	494 (3.2)	488 (3.2)	470 (2.7)	457 (3.7)	482 (3.1)	490 (3.5)	477 (3.2)	477 (2.5)	481 (3.6)	473 (3.0)	503 (3.1)	494 (2.9)	477 (2.4)	478 (3.4)	475 (2.9)
Iceland	500 (1.4)	483 (1.8)	482 (2.0)	460 (2.8)	502 (2.6)	507 (1.4)	493 (1.7)	488 (2.0)	487 (2.9)	489 (2.4)	496 (1.4)	478 (2.1)	473 (1.7)	472 (2.6)	475 (2.1)
Ireland	496 (3.0)	523 (2.6)	521 (2.5)	515 (3.2)	527 (2.7)	487 (2.5)	501 (2.2)	504 (2.1)	512 (3.0)	495 (2.4)	508 (3.3)	522 (2.5)	503 (2.4)	508 (3.2)	497 (2.6)
Israel	474 (3.6)	486 (5.0)	479 (3.8)	467 (5.4)	490 (4.6)	447 (3.3)	466 (4.7)	470 (3.6)	474 (5.4)	466 (4.0)	455 (3.1)	470 (5.0)	467 (3.4)	469 (4.7)	464 (4.1)
Italy	486 (1.6)	490 (2.0)	485 (2.7)	477 (3.5)	493 (3.6)	483 (1.9)	485 (2.0)	490 (2.8)	500 (3.5)	480 (3.4)	489 (1.8)	494 (1.9)	481 (2.5)	489 (3.1)	472 (3.6)
Japan	520 (3.5)	538 (3.7)	516 (3.2)	509 (4.2)	523 (3.3)	529 (3.3)	536 (3.6)	532 (3.0)	539 (3.8)	525 (3.1)	539 (3.4)	547 (3.6)	538 (3.0)	545 (4.1)	532 (2.9)
Korea, Republic of	539 (3.5)	536 (3.9)	517 (3.5)	498 (4.8)	539 (4.0)	546 (4.0)	554 (4.6)	524 (3.7)	521 (5.2)	528 (3.9)	538 (3.4)	538 (3.7)	516 (3.1)	511 (4.6)	521 (3.3)
Latvia	484 (3.0)	489 (2.4)	488 (1.8)	467 (2.3)	509 (2.4)	482 (3.1)	491 (2.8)	482 (1.9)	481 (2.6)	483 (2.5)	494 (3.1)	502 (2.8)	490 (1.6)	485 (2.0)	496 (2.2)
Luxembourg	472 (1.3)	488 (1.5)	481 (1.4)	471 (1.9)	492 (2.2)	489 (1.2)	490 (1.1)	486 (1.3)	491 (2.0)	480 (2.0)	484 (1.2)	491 (1.3)	483 (1.1)	487 (1.7)	479 (1.5)
Mexico	425 (2.0)	424 (1.5)	423 (2.6)	416 (2.9)	431 (2.9)	419 (1.8)	413 (1.4)	408 (2.2)	412 (2.7)	404 (2.4)	416 (1.8)	415 (1.3)	416 (2.1)	420 (2.6)	412 (2.3)
Netherlands	508 (5.1)	511 (3.5)	503 (2.4)	491 (3.0)	515 (2.9)	526 (4.7)	523 (3.5)	512 (2.2)	513 (2.6)	511 (2.5)	522 (5.4)	522 (3.5)	509 (2.3)	511 (2.9)	507 (2.5)
New Zealand	521 (2.4)	512 (2.4)	509 (2.4)	493 (3.3)	526 (3.0)	519 (2.3)	500 (2.2)	495 (2.3)	499 (3.4)	491 (2.7)	532 (2.6)	516 (2.1)	513 (2.4)	516 (3.2)	511 (2.7)
Norway	503 (2.6)	504 (3.2)	513 (2.5)	494 (3.1)	533 (2.9)	498 (2.4)	489 (2.7)	502 (2.2)	501 (2.9)	503 (2.3)	500 (2.6)	495 (3.1)	498 (2.3)	500 (2.7)	497 (2.7)
Poland	500 (2.6)	518 (3.1)	506 (2.5)	491 (2.9)	521 (2.8)	495 (2.8)	518 (3.6)	504 (2.4)	510 (2.8)	499 (2.8)	508 (2.4)	526 (3.1)	501 (2.5)	504 (2.9)	498 (2.8)
Portugal	489 (3.1)	488 (3.8)	498 (2.7)	490 (3.1)	507 (2.8)	487 (2.9)	487 (3.8)	492 (2.5)	497 (3.0)	487 (2.7)	493 (2.9)	489 (3.7)	501 (2.4)	506 (2.9)	496 (2.6)
Slovak Republic	477 (2.5)	463 (4.2)	453 (2.8)	435 (3.3)	471 (3.5)	497 (3.1)	482 (3.4)	475 (2.7)	478 (3.0)	472 (3.6)	490 (3.0)	471 (3.6)	461 (2.6)	460 (3.0)	461 (3.3)
Slovenia	483 (1.0)	481 (1.2)	505 (1.5)	484 (2.3)	528 (2.1)	501 (1.2)	501 (1.2)	510 (1.3)	512 (1.9)	508 (2.2)	512 (1.1)	514 (1.3)	513 (1.3)	510 (1.9)	516 (1.9)
Spain	481 (2.0)	488 (1.9)	496 (2.4)	485 (3.0)	506 (2.8)	483 (2.1)	484 (1.9)	486 (2.2)	494 (2.4)	478 (2.8)	488 (2.1)	496 (1.8)	493 (2.1)	496 (2.5)	489 (2.5)
Sweden	497 (2.9)	483 (3.0)	500 (3.5)	481 (4.1)	520 (3.5)	494 (2.9)	478 (2.3)	494 (3.2)	493 (3.8)	495 (3.3)	495 (2.7)	485 (3.0)	493 (3.6)	491 (4.1)	496 (3.7)
Switzerland	501 (2.4)	509 (2.6)	492 (3.0)	480 (3.4)	505 (3.4)	534 (3.3)	531 (3.0)	521 (2.9)	527 (3.2)	515 (3.5)	517 (2.8)	515 (2.7)	506 (2.9)	508 (3.1)	502 (3.5)
Turkey	464 (3.5)	475 (4.2)	428 (4.0)	414 (4.5)	442 (4.8)	445 (4.4)	448 (4.8)	420 (4.1)	423 (4.6)	418 (4.9)	454 (3.6)	463 (3.9)	425 (3.9)	422 (4.5)	429 (4.4)
United Kingdom	494 (2.3)	499 (3.5)	498 (2.8)	487 (2.9)	509 (3.5)	492 (2.4)	494 (3.3)	492 (2.5)	498 (2.9)	487 (3.1)	514 (2.5)	514 (3.4)	509 (2.6)	510 (2.9)	509 (3.3)
United States	500 (3.7)	498 (3.7)	497 (3.4)	487 (3.7)	507 (3.9)	487 (3.6)	481 (3.6)	470 (3.2)	474 (3.6)	465 (3.4)	502 (3.6)	497 (3.8)	496 (3.2)	500 (3.7)	493 (3.4)
<b>Non-OECD education systems</b>															
Albania	385 (4.0)	394 (3.2)	405 (4.1)	376 (4.8)	435 (3.8)	377 (4.0)	394 (2.0)	413 (3.4)	409 (4.2)	418 (3.5)	391 (3.9)	397 (2.4)	427 (3.3)	415 (4.0)	439 (3.0)
Algeria	— (†)	— (†)	350 (3.0)	335 (2.9)	366 (3.5)	— (†)	— (†)	360 (3.0)	356 (3.1)	363 (3.6)	— (†)	— (†)	376 (2.6)	369 (3.0)	383 (3.1)
Beijing, Shanghai, Jiangsu, Guangdong (China)	— (†)	— (†)	494 (5.1)	486 (5.0)	503 (5.8)	— (†)	— (†)	531 (4.9)	534 (4.8)	528 (5.7)	— (†)	— (†)	518 (4.6)	522 (4.5)	513 (5.3)
Brazil	412 (2.7)	410 (2.1)	407 (2.8)	395 (3.1)	419 (3.0)	386 (2.4)	391 (2.1)	377 (2.9)	385 (3.2)	370 (3.0)	405 (2.4)	405 (2.1)	401 (2.1)	403 (2.5)	399 (2.4)
Buenos Aires (Argentina)	398 (4.6)	396 (3.7)	475 (7.2)	468 (8.1)	483 (7.8)	388 (4.1)	388 (3.5)	456 (6.9)	467 (8.0)	446 (7.8)	401 (4.6)	406 (3.9)	475 (6.3)	483 (7.2)	468 (7.1)

See notes at end of table.

**Table 602.40. Average reading literacy, mathematics literacy, and science literacy scores of 15-year-old students, by sex and country or other education system: 2009, 2012, and 2015—Continued**  
 [Standard errors appear in parentheses]

Country or other education system	Reading literacy					Mathematics literacy					Science literacy				
	2009	2012	2015			2009	2012	2015			2009	2012	2015		
			Total	Male	Female			Total	Male	Female			Total	Male	Female
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Bulgaria	429 (6.7)	436 (6.0)	432 (5.0)	409 (5.8)	457 (5.0)	428 (5.9)	439 (4.0)	441 (4.0)	440 (4.8)	442 (4.3)	439 (5.9)	446 (4.8)	446 (4.4)	438 (5.3)	454 (4.4)
Chinese Taipei	— (†)	523 (3.0)	497 (2.5)	485 (3.7)	510 (3.4)	— (†)	560 (3.3)	542 (3.0)	545 (4.7)	539 (4.1)	— (†)	523 (2.3)	532 (2.7)	535 (4.1)	530 (3.8)
Colombia	413 (3.7)	403 (3.4)	425 (2.9)	417 (3.6)	432 (3.2)	381 (3.2)	376 (2.9)	390 (2.3)	395 (3.3)	384 (2.4)	402 (3.6)	399 (3.1)	416 (2.4)	421 (3.1)	411 (2.4)
Connecticut <sup>2</sup> (USA)	— (†)	521 (6.5)	— (†)	— (†)	— (†)	— (†)	506 (6.2)	— (†)	— (†)	— (†)	— (†)	521 (5.7)	— (†)	— (†)	— (†)
Costa Rica	— (†)	441 (3.5)	427 (2.6)	420 (3.1)	435 (2.9)	— (†)	407 (3.0)	400 (2.5)	408 (2.8)	392 (3.0)	— (†)	429 (2.9)	420 (2.1)	429 (2.5)	411 (2.2)
Croatia	476 (2.9)	485 (3.3)	487 (2.7)	473 (3.3)	500 (3.0)	460 (3.1)	471 (3.5)	464 (2.8)	471 (3.7)	458 (3.4)	486 (2.8)	491 (3.1)	475 (2.5)	478 (3.2)	473 (2.8)
Cyprus	— (†)	449 (1.2)	443 (1.7)	417 (2.0)	469 (2.1)	— (†)	440 (1.1)	437 (1.7)	435 (2.1)	440 (2.2)	— (†)	438 (1.2)	433 (1.4)	424 (1.7)	441 (1.9)
Dominican Republic	— (†)	— (†)	358 (3.1)	342 (3.5)	373 (3.1)	— (†)	— (†)	328 (2.7)	326 (3.2)	330 (2.8)	— (†)	— (†)	332 (2.6)	332 (3.2)	331 (2.6)
Florida <sup>2</sup> (USA)	— (†)	492 (6.1)	— (†)	— (†)	— (†)	— (†)	467 (5.8)	— (†)	— (†)	— (†)	— (†)	485 (6.4)	— (†)	— (†)	— (†)
Georgia	— (†)	— (†)	401 (3.0)	374 (4.1)	432 (2.8)	— (†)	— (†)	404 (2.8)	398 (3.9)	411 (2.5)	— (†)	— (†)	411 (2.4)	403 (3.3)	420 (2.3)
Hong Kong (China)	533 (2.1)	545 (2.8)	527 (2.7)	513 (3.4)	541 (3.6)	555 (2.7)	561 (3.2)	548 (3.0)	549 (3.6)	547 (4.3)	549 (2.8)	555 (2.6)	523 (2.5)	523 (3.1)	524 (3.4)
Indonesia	402 (3.7)	396 (4.2)	397 (2.9)	386 (3.4)	409 (3.3)	371 (3.7)	375 (4.0)	386 (3.1)	385 (3.5)	387 (3.7)	383 (3.8)	382 (3.8)	403 (2.6)	401 (3.0)	405 (2.8)
Jordan	405 (3.3)	399 (3.6)	408 (2.9)	372 (4.3)	444 (3.4)	387 (3.7)	386 (3.1)	380 (2.7)	373 (4.0)	387 (3.6)	415 (3.5)	409 (3.1)	409 (2.7)	389 (3.9)	428 (3.6)
Kosovo	— (†)	— (†)	347 (1.6)	329 (2.2)	365 (2.0)	— (†)	— (†)	362 (1.6)	366 (2.2)	357 (2.1)	— (†)	— (†)	378 (1.7)	374 (2.0)	383 (2.1)
Lebanon	— (†)	— (†)	347 (4.4)	339 (5.4)	353 (4.7)	— (†)	— (†)	396 (3.7)	408 (4.4)	386 (3.9)	— (†)	— (†)	386 (3.4)	388 (4.0)	386 (3.7)
Liechtenstein	499 (2.8)	516 (4.1)	— (†)	— (†)	— (†)	536 (4.1)	535 (4.0)	— (†)	— (†)	— (†)	520 (3.4)	525 (3.5)	— (†)	— (†)	— (†)
Lithuania	468 (2.4)	477 (2.5)	472 (2.7)	453 (3.1)	492 (3.0)	477 (2.6)	479 (2.6)	478 (2.3)	478 (2.8)	479 (2.5)	491 (2.9)	496 (2.6)	475 (2.7)	472 (3.3)	479 (2.8)
Macao (China)	487 (0.9)	509 (0.9)	509 (1.3)	493 (1.9)	525 (1.6)	525 (0.9)	538 (1.0)	544 (1.1)	540 (1.7)	548 (1.5)	511 (1.0)	521 (0.8)	529 (1.1)	525 (1.5)	532 (1.5)
Macedonia, Republic of	— (†)	— (†)	352 (1.4)	330 (2.3)	376 (1.8)	— (†)	— (†)	371 (1.3)	368 (2.2)	375 (1.8)	— (†)	— (†)	384 (1.2)	374 (1.6)	394 (1.8)
Malta	— (†)	— (†)	447 (1.8)	426 (2.7)	468 (2.2)	— (†)	— (†)	479 (1.7)	477 (2.4)	481 (2.4)	— (†)	— (†)	465 (1.6)	460 (2.5)	470 (2.2)
Massachusetts <sup>2</sup> (USA)	— (†)	527 (6.1)	527 (6.0)	518 (5.9)	536 (7.3)	— (†)	514 (6.2)	500 (5.5)	505 (5.7)	496 (6.5)	— (†)	527 (6.0)	529 (6.6)	534 (6.5)	524 (7.9)
Moldova, Republic of	— (†)	— (†)	416 (2.5)	390 (2.7)	442 (3.0)	— (†)	— (†)	420 (2.5)	419 (2.9)	421 (3.1)	— (†)	— (†)	428 (2.0)	425 (2.4)	431 (2.4)
Montenegro, Republic of	408 (1.7)	422 (1.2)	427 (1.6)	410 (2.0)	444 (2.3)	403 (2.0)	410 (1.1)	418 (1.5)	418 (2.1)	418 (2.0)	401 (2.0)	410 (1.1)	411 (1.0)	409 (1.7)	414 (1.3)
North Carolina <sup>2</sup> (USA)	— (†)	— (†)	500 (5.4)	487 (5.7)	513 (6.0)	— (†)	— (†)	471 (4.4)	474 (4.8)	468 (5.3)	— (†)	— (†)	502 (4.9)	503 (5.1)	502 (5.7)
Peru	370 (4.0)	384 (4.3)	398 (2.9)	394 (3.4)	401 (3.6)	365 (4.0)	368 (3.7)	387 (2.7)	391 (3.0)	382 (3.2)	369 (3.5)	373 (3.6)	397 (2.4)	402 (2.8)	392 (2.9)
Puerto Rico <sup>2</sup> (USA)	— (†)	— (†)	410 (7.1)	395 (8.3)	425 (7.0)	— (†)	— (†)	378 (5.6)	375 (6.8)	382 (5.2)	— (†)	— (†)	403 (6.1)	398 (7.5)	407 (5.9)
Qatar	372 (0.8)	388 (0.8)	402 (1.0)	376 (1.3)	429 (1.4)	368 (0.7)	376 (0.8)	402 (1.3)	397 (1.8)	408 (1.8)	379 (0.9)	384 (0.7)	418 (1.0)	406 (1.4)	429 (1.3)
Romania	424 (4.1)	438 (4.0)	434 (4.1)	425 (4.4)	442 (4.4)	427 (3.4)	445 (3.8)	444 (3.8)	444 (4.2)	444 (4.1)	428 (3.4)	439 (3.3)	435 (3.2)	432 (3.7)	438 (3.4)
Russian Federation	459 (3.3)	475 (3.0)	495 (3.1)	481 (3.4)	507 (3.5)	468 (3.3)	482 (3.0)	494 (3.1)	497 (4.0)	491 (3.2)	478 (3.3)	486 (2.9)	487 (2.9)	489 (3.6)	485 (3.1)
Serbia, Republic of	442 (2.4)	446 (3.4)	— (†)	— (†)	— (†)	442 (2.9)	449 (3.4)	— (†)	— (†)	— (†)	443 (2.4)	445 (3.4)	— (†)	— (†)	— (†)
Shanghai (China)	556 (2.4)	570 (2.9)	— (†)	— (†)	— (†)	600 (2.8)	613 (3.3)	— (†)	— (†)	— (†)	575 (2.3)	580 (3.0)	— (†)	— (†)	— (†)
Singapore	526 (1.1)	542 (1.4)	535 (1.6)	525 (1.9)	546 (2.3)	562 (1.4)	573 (1.3)	564 (1.5)	564 (2.1)	564 (1.7)	542 (1.4)	551 (1.5)	556 (1.2)	559 (1.8)	552 (1.7)
Thailand	421 (2.6)	441 (3.1)	409 (3.3)	392 (4.3)	423 (3.2)	419 (3.2)	427 (3.4)	415 (3.0)	414 (3.7)	417 (3.4)	425 (3.0)	444 (2.9)	421 (2.8)	416 (3.6)	425 (2.9)
Trinidad and Tobago	416 (1.2)	— (†)	427 (1.5)	401 (2.1)	452 (2.2)	414 (1.3)	— (†)	417 (1.4)	408 (2.1)	426 (2.0)	410 (1.2)	— (†)	425 (1.4)	414 (2.1)	435 (1.9)
Tunisia	404 (2.9)	404 (4.5)	361 (3.1)	348 (3.9)	373 (3.0)	371 (3.0)	388 (3.9)	367 (3.0)	370 (3.4)	364 (3.2)	401 (2.7)	398 (3.5)	386 (2.1)	388 (2.4)	385 (2.2)
United Arab Emirates	— (†)	442 (2.5)	434 (2.9)	408 (3.9)	458 (3.3)	— (†)	434 (2.4)	427 (2.4)	424 (3.9)	431 (2.9)	— (†)	448 (2.8)	437 (2.4)	424 (3.4)	449 (3.0)
Uruguay	426 (2.6)	411 (3.2)	437 (2.5)	424 (3.4)	448 (2.7)	427 (2.6)	409 (2.8)	418 (2.5)	425 (3.6)	412 (2.5)	427 (2.6)	416 (2.8)	435 (2.2)	440 (3.1)	431 (2.2)
Vietnam	— (†)	508 (4.4)	487 (3.7)	474 (4.0)	499 (3.8)	— (†)	511 (4.8)	495 (4.5)	493 (4.7)	496 (4.8)	— (†)	528 (4.3)	525 (3.9)	523 (4.0)	526 (4.2)

—Not available.

†Not applicable.

<sup>1</sup>Refers to the mean of the data values for all Organization for Economic Cooperation and Development (OECD) countries, to which each country contributes equally regardless of the absolute size of the student population of each country.

<sup>2</sup>Results are for public school students only.

NOTE: Program for International Student Assessment (PISA) scores are reported on a scale from 0 to 1,000.

SOURCE: Organization for Economic Cooperation and Development (OECD), Program for International Student Assessment (PISA), 2009, 2012, and 2015. (This table was prepared January 2017.)

**Table 602.50. Average reading literacy scores of 15-year-old students and percentage attaining reading literacy proficiency levels, by country or other education system: 2015**

[Standard errors appear in parentheses]

Country or other education system	Average reading literacy score <sup>1</sup>		Percentage attaining reading literacy proficiency levels <sup>2</sup>																			
			Below level 2						At level 2				At or above level 5									
			Total below level 2	Below level 1b	At level 1b	At level 1a	At level 2	At level 3	At level 4	Total at or above level 5	At level 5	At level 6										
1	2	3	4	5	6	7	8	9	10	11	12											
<b>OECD average<sup>3</sup></b>	<b>493</b>	<b>(0.5)</b>	<b>20.1</b>	<b>(0.17)</b>	<b>1.3</b>	<b>(0.04)</b>	<b>5.2</b>	<b>(0.09)</b>	<b>13.6</b>	<b>(0.13)</b>	<b>23.2</b>	<b>(0.15)</b>	<b>27.9</b>	<b>(0.15)</b>	<b>20.5</b>	<b>(0.14)</b>	<b>8.3</b>	<b>(0.11)</b>	<b>7.2</b>	<b>(0.09)</b>	<b>1.1</b>	<b>(0.04)</b>
Australia	503	(1.7)	18.1	(0.55)	1.2	(0.16)	4.8	(0.24)	12.0	(0.47)	21.4	(0.63)	27.5	(0.58)	22.0	(0.58)	11.0	(0.51)	9.0	(0.46)	2.0	(0.20)
Austria	485	(2.8)	22.5	(1.04)	1.7	(0.25)	6.5	(0.67)	14.3	(0.76)	23.5	(0.86)	27.0	(1.07)	19.7	(0.74)	7.2	(0.57)	6.4	(0.52)	0.8	(0.18)
Belgium	499	(2.4)	19.5	(0.90)	1.0	(0.20)	5.3	(0.39)	13.2	(0.62)	21.1	(0.68)	26.8	(0.77)	23.2	(0.68)	9.3	(0.56)	8.4	(0.50)	1.0	(0.16)
Canada	527	(2.3)	10.7	(0.63)	0.4	(0.10)	2.1	(0.26)	8.2	(0.46)	19.0	(0.55)	29.7	(0.69)	26.6	(0.68)	14.0	(0.74)	11.6	(0.58)	2.4	(0.29)
Chile	459	(2.6)	28.4	(1.16)	1.3	(0.29)	7.4	(0.59)	19.8	(0.86)	29.9	(1.22)	27.0	(0.89)	12.4	(0.78)	2.3	(0.29)	2.2	(0.28)	0.1!	(0.05)
Czech Republic	487	(2.6)	22.0	(1.10)	1.3	(0.28)	6.0	(0.62)	14.7	(0.69)	23.3	(0.80)	27.5	(1.01)	19.3	(0.90)	7.9	(0.55)	6.9	(0.49)	1.0	(0.16)
Denmark	500	(2.5)	15.0	(0.81)	0.5	(0.14)	3.3	(0.35)	11.2	(0.65)	24.1	(0.84)	32.4	(0.76)	22.0	(0.85)	6.5	(0.61)	5.9	(0.56)	0.6!	(0.17)
Estonia	519	(2.2)	10.6	(0.72)	‡	(†)	2.1	(0.31)	8.4	(0.66)	21.6	(0.73)	31.4	(0.86)	25.4	(0.95)	11.0	(0.65)	9.7	(0.61)	1.4	(0.24)
Finland	526	(2.5)	11.1	(0.75)	0.6	(0.15)	2.6	(0.31)	7.8	(0.52)	17.6	(0.77)	29.7	(0.91)	27.9	(0.96)	13.7	(0.72)	11.7	(0.62)	2.0	(0.26)
France	499	(2.5)	21.5	(0.91)	2.3	(0.43)	6.5	(0.57)	12.7	(0.52)	19.0	(0.80)	24.5	(0.91)	22.5	(0.79)	12.5	(0.74)	10.5	(0.68)	2.0	(0.23)
Germany	509	(3.0)	16.2	(0.93)	0.9	(0.20)	4.1	(0.46)	11.2	(0.69)	21.0	(0.97)	27.6	(0.91)	23.5	(0.85)	11.7	(0.70)	9.7	(0.65)	1.9	(0.29)
Greece	467	(4.3)	27.3	(1.79)	2.3	(0.51)	7.8	(0.96)	17.2	(0.96)	25.3	(0.97)	27.2	(1.08)	16.1	(0.92)	4.0	(0.47)	3.8	(0.45)	0.3!	(0.09)
Hungary	470	(2.7)	27.5	(1.12)	1.4	(0.29)	8.1	(0.78)	18.0	(0.92)	24.5	(0.85)	27.0	(1.01)	16.8	(0.75)	4.3	(0.45)	3.9	(0.40)	0.4!	(0.11)
Iceland	482	(2.0)	22.1	(0.98)	1.8	(0.32)	6.0	(0.52)	14.3	(0.90)	26.0	(1.09)	27.3	(0.93)	18.0	(0.75)	6.6	(0.60)	5.8	(0.54)	0.8!	(0.24)
Ireland	521	(2.5)	10.2	(0.80)	‡	(†)	1.7	(0.30)	8.3	(0.67)	21.0	(0.87)	31.8	(1.06)	26.4	(0.78)	10.7	(0.65)	9.4	(0.58)	1.3	(0.23)
Israel	479	(3.8)	26.6	(1.25)	3.3	(0.47)	8.1	(0.65)	15.2	(0.83)	21.7	(0.97)	24.0	(0.85)	18.5	(0.89)	9.2	(0.74)	7.7	(0.64)	1.4	(0.25)
Italy	485	(2.7)	21.0	(1.03)	1.0	(0.24)	5.4	(0.45)	14.5	(0.77)	25.4	(0.95)	28.8	(0.81)	19.2	(0.86)	5.7	(0.48)	5.1	(0.41)	0.6	(0.15)
Japan	516	(3.2)	12.9	(0.98)	0.6	(0.18)	3.0	(0.40)	9.2	(0.67)	19.8	(0.92)	30.5	(0.87)	26.0	(1.02)	10.8	(0.90)	9.5	(0.81)	1.3	(0.25)
Korea, Republic of	517	(3.5)	13.7	(0.98)	0.7	(0.19)	3.4	(0.48)	9.5	(0.72)	19.3	(0.95)	28.9	(1.03)	25.5	(1.16)	12.7	(0.96)	10.8	(0.83)	1.9	(0.31)
Latvia	488	(1.8)	17.7	(0.93)	0.4!	(0.17)	3.8	(0.40)	13.4	(0.78)	27.2	(0.83)	32.1	(0.88)	18.7	(0.82)	4.3	(0.47)	4.0	(0.44)	0.3!	(0.13)
Luxembourg	481	(1.4)	25.6	(0.58)	1.9	(0.28)	7.8	(0.49)	15.9	(0.67)	22.0	(0.84)	24.7	(0.65)	19.4	(0.73)	8.1	(0.45)	7.0	(0.39)	1.2	(0.19)
Mexico	423	(2.6)	41.7	(1.28)	2.0	(0.29)	11.4	(0.79)	28.4	(0.90)	34.2	(1.00)	19.5	(0.91)	4.2	(0.51)	0.3!	(0.12)	0.3!	(0.12)	‡	(†)
Netherlands	503	(2.4)	18.1	(1.03)	1.1	(0.20)	4.4	(0.45)	12.6	(0.80)	21.8	(0.88)	26.6	(1.05)	22.7	(0.79)	10.9	(0.63)	9.5	(0.58)	1.4	(0.28)
New Zealand	509	(2.4)	17.3	(0.85)	1.0	(0.18)	4.8	(0.55)	11.5	(0.71)	20.6	(0.74)	26.5	(0.93)	22.0	(0.91)	13.6	(0.87)	11.0	(0.73)	2.6	(0.37)
Norway	513	(2.5)	14.9	(0.82)	0.8	(0.18)	3.6	(0.39)	10.6	(0.60)	20.4	(0.74)	28.5	(0.79)	23.9	(0.83)	12.2	(0.67)	10.1	(0.61)	2.1	(0.36)
Poland	506	(2.5)	14.4	(0.78)	0.5!	(0.17)	3.2	(0.41)	10.8	(0.64)	22.5	(0.84)	31.4	(0.82)	23.5	(0.88)	8.2	(0.70)	7.5	(0.63)	0.7	(0.20)
Portugal	498	(2.7)	17.2	(0.88)	0.6	(0.13)	3.9	(0.39)	12.7	(0.67)	23.2	(0.83)	30.2	(0.92)	21.9	(0.98)	7.5	(0.58)	6.9	(0.59)	0.6	(0.18)
Slovak Republic	453	(2.8)	32.1	(1.14)	4.4	(0.53)	9.4	(0.57)	18.3	(0.79)	25.7	(0.78)	24.8	(0.88)	14.0	(0.65)	3.5	(0.40)	3.2	(0.37)	0.2!	(0.11)
Slovenia	505	(1.5)	15.1	(0.58)	0.5	(0.10)	3.4	(0.34)	11.2	(0.52)	22.5	(0.90)	30.3	(0.89)	23.1	(0.78)	8.9	(0.68)	8.0	(0.68)	1.0!	(0.36)
Spain	496	(2.4)	16.2	(0.85)	0.7	(0.16)	3.5	(0.37)	12.0	(0.69)	24.4	(0.80)	32.3	(0.97)	21.6	(0.85)	5.5	(0.53)	5.1	(0.51)	0.4	(0.10)
Sweden	500	(3.5)	18.4	(1.09)	1.5	(0.28)	4.8	(0.46)	12.2	(0.84)	21.7	(0.84)	27.5	(0.77)	22.5	(0.98)	10.0	(0.79)	8.5	(0.74)	1.5	(0.28)
Switzerland	492	(3.0)	20.0	(1.10)	1.2	(0.26)	5.2	(0.56)	13.5	(0.74)	23.2	(0.87)	28.1	(0.96)	20.9	(0.94)	7.8	(0.65)	6.9	(0.60)	0.9	(0.20)
Turkey	428	(4.0)	40.0	(2.00)	2.3	(0.32)	10.9	(0.96)	26.8	(1.38)	32.6	(1.48)	21.1	(1.41)	5.7	(0.88)	0.6!	(0.23)	0.6!	(0.22)	‡	(†)
United Kingdom	498	(2.8)	17.9	(0.86)	0.8	(0.16)	4.0	(0.37)	13.1	(0.70)	24.3	(0.85)	28.4	(0.73)	20.3	(0.75)	9.2	(0.64)	7.7	(0.51)	1.5	(0.22)
United States	497	(3.4)	19.0	(1.14)	1.1	(0.24)	4.8	(0.53)	13.0	(0.77)	22.9	(0.90)	28.0	(0.95)	20.5	(0.87)	9.6	(0.74)	8.2	(0.64)	1.4	(0.23)
<b>Non-OECD education systems</b>																						
Albania	405	(4.1)	50.3	(1.92)	7.4	(0.70)	15.9	(1.06)	27.0	(1.25)	27.3	(1.08)	16.3	(1.05)	5.1	(0.68)	1.0	(0.23)	0.9	(0.21)	‡	(†)
Algeria	350	(3.0)	79.0	(1.55)	11.0	(1.02)	31.2	(1.17)	36.8	(1.20)	17.0	(1.23)	3.7	(0.55)	0.3!	(0.12)	‡	(†)	‡	(†)	#	(†)
Beijing, Shanghai, Jiangsu, Guangdong (China)	494	(5.1)	21.9	(1.51)	2.1	(0.44)	6.2	(0.64)	13.5	(0.84)	20.9	(1.06)	25.4	(1.11)	20.9	(1.19)	10.9	(1.29)	9.1	(0.97)	1.8	(0.45)
Brazil	407	(2.8)	51.0	(1.13)	7.1	(0.47)	17.4	(0.65)	26.5	(0.61)	25.0	(0.66)	16.2	(0.57)	6.4	(0.46)	1.4	(0.25)	1.3	(0.21)	‡	(†)
Buenos Aires (Argentina)	475	(7.2)	21.8	(2.29)	1.5!	(0.54)	5.8	(1.09)	14.5	(1.66)	28.2	(2.10)	30.1	(1.98)	16.2	(2.03)	3.8	(1.09)	3.5	(1.00)	0.3!	(0.21)
Bulgaria	432	(5.0)	41.5	(1.99)	7.7	(0.93)	14.3	(1.16)	19.5	(0.98)	22.0	(1.04)	21.2	(1.26)	11.7	(0.97)	3.6	(0.47)	3.2	(0.40)	0.4!	(0.13)
Chinese Taipei	497	(2.5)	17.2	(0.82)	1.0	(0.16)	4.4	(0.37)	11.8	(0.59)	22.4	(0.77)	31.3	(1.00)	22.1	(0.86)	6.9	(0.77)	6.3	(0.66)	0.6	(0.19)
Colombia	425	(2.9)	42.8	(1.49)	3.2	(0.47)	13.6	(1.00)	26.1	(0.95)	29.2	(0.92)	19.9	(0.93)	7.0	(0.51)	1.0	(0.16)	0.9	(0.17)	‡	(†)
Costa Rica	427	(2.6)	40.3	(1.44)	1.7	(0.28)	10.3	(0.72)	28.3	(1.00)	34.6	(1.04)	19.2	(1.05)	5.2	(0.57)	0.7	(0.18)	0.6	(0.17)	‡	(†)
Croatia	487	(2.7)	19.9	(1.14)	0.6	(0.14)	4.5	(0.45)	14.8	(0.86)	26.6	(0.91)	28.6	(0.99)	19.0	(0.93)	5.9	(0.54)	5.4	(0.55)	0.5	(0.14)

See notes at end of table.

**Table 602.50. Average reading literacy scores of 15-year-old students and percentage attaining reading literacy proficiency levels, by country or other education system: 2015—Continued**

[Standard errors appear in parentheses]

Country or other education system	Average reading literacy score <sup>1</sup>	Percentage attaining reading literacy proficiency levels <sup>2</sup>										
		Below level 2				At level 2			At or above level 5			
		Total below level 2	Below level 1b	At level 1b	At level 1a	At level 2	At level 3	At level 4	Total at or above level 5	At level 5	At level 6	
1	2	3	4	5	6	7	8	9	10	11	12	
Cyprus .....	443 (1.7)	35.6 (0.85)	4.4 (0.38)	11.4 (0.56)	19.8 (0.96)	27.0 (0.73)	23.0 (0.84)	11.3 (0.58)	3.1 (0.34)	2.8 (0.33)	0.2! (0.09)	
Dominican Republic .....	358 (3.1)	72.1 (1.46)	13.1 (1.06)	28.2 (1.24)	30.8 (1.23)	19.5 (1.06)	7.0 (0.72)	1.3 (0.29)	‡ (†)	‡ (†)	# (†)	
Georgia .....	401 (3.0)	51.7 (1.27)	9.5 (0.65)	16.4 (0.80)	25.8 (0.80)	25.4 (0.91)	16.1 (0.76)	5.7 (0.54)	1.1 (0.23)	1.1 (0.21)	‡ (†)	
Hong Kong (China) .....	527 (2.7)	9.3 (0.76)	0.3! (0.12)	2.0 (0.28)	7.0 (0.61)	18.1 (0.93)	32.1 (1.07)	29.0 (0.97)	11.6 (0.86)	10.4 (0.82)	1.1 (0.21)	
Indonesia .....	397 (2.9)	55.4 (1.49)	3.8 (0.65)	16.8 (1.07)	34.8 (1.05)	30.9 (1.13)	11.7 (0.78)	1.9 (0.32)	‡ (†)	‡ (†)	‡ (†)	
Jordan .....	408 (2.9)	46.3 (1.40)	7.4 (0.70)	13.7 (0.76)	25.2 (0.92)	30.7 (0.76)	18.7 (0.94)	4.1 (0.39)	0.3! (0.10)	0.3! (0.10)	‡ (†)	
Kosovo .....	347 (1.6)	76.9 (0.89)	14.6 (0.74)	28.0 (0.95)	34.2 (1.13)	19.4 (0.93)	3.6 (0.43)	‡ (†)	# (†)	# (†)	# (†)	
Lebanon .....	347 (4.4)	70.4 (1.63)	24.1 (1.51)	24.5 (1.32)	21.7 (1.11)	15.8 (1.00)	9.4 (0.85)	3.6 (0.49)	0.8 (0.25)	0.7! (0.25)	‡ (†)	
Lithuania .....	472 (2.7)	25.1 (0.93)	1.3 (0.24)	6.7 (0.51)	17.1 (0.72)	27.1 (0.81)	26.7 (0.91)	16.7 (0.90)	4.4 (0.51)	4.1 (0.46)	0.4! (0.11)	
Macao (China) .....	509 (1.3)	11.7 (0.45)	0.3! (0.10)	2.1 (0.26)	9.3 (0.50)	23.1 (0.83)	34.2 (0.91)	24.4 (0.87)	6.7 (0.55)	6.2 (0.53)	0.5 (0.14)	
Macedonia, Republic of .....	352 (1.4)	70.7 (0.73)	18.8 (0.68)	24.1 (0.82)	27.7 (0.91)	19.3 (0.76)	8.1 (0.56)	1.7 (0.24)	‡ (†)	‡ (†)	‡ (†)	
Malta .....	447 (1.8)	35.6 (0.84)	7.5 (0.48)	11.1 (0.75)	17.0 (0.93)	22.5 (0.84)	22.5 (0.84)	13.9 (0.71)	5.6 (0.42)	4.7 (0.45)	0.9 (0.24)	
Massachusetts <sup>3</sup> (USA) .....	527 (6.0)	11.3 (1.28)	0.5! (0.22)	2.3 (0.52)	8.5 (1.15)	17.9 (1.56)	29.7 (1.58)	26.7 (1.78)	14.5 (1.63)	11.9 (1.51)	2.5 (0.61)	
Moldova, Republic of .....	416 (2.5)	45.8 (1.14)	5.9 (0.47)	14.7 (0.68)	25.1 (0.92)	27.7 (0.85)	18.7 (0.76)	6.6 (0.56)	1.2 (0.23)	1.1 (0.21)	‡ (†)	
Montenegro, Republic of .....	427 (1.6)	41.9 (0.73)	4.1 (0.32)	13.0 (0.66)	24.9 (0.81)	28.6 (0.74)	20.2 (0.58)	7.9 (0.45)	1.4 (0.28)	1.3 (0.27)	‡ (†)	
North Carolina <sup>4</sup> (USA) .....	500 (5.4)	18.0 (1.44)	0.6! (0.28)	3.8 (0.66)	13.6 (1.24)	23.4 (1.63)	28.0 (1.51)	21.0 (1.79)	9.6 (1.05)	8.5 (0.99)	1.2! (0.35)	
Peru .....	398 (2.9)	53.9 (1.49)	6.4 (0.57)	19.2 (0.95)	28.3 (1.13)	27.3 (0.91)	15.0 (0.81)	3.5 (0.50)	0.3! (0.10)	0.3! (0.10)	‡ (†)	
Puerto Rico (USA) .....	410 (7.1)	50.4 (3.21)	5.8 (1.37)	16.6 (2.25)	28.0 (1.84)	25.8 (1.97)	16.4 (1.83)	6.2 (1.23)	1.2! (0.39)	1.1! (0.38)	‡ (†)	
Qatar .....	402 (1.0)	51.6 (0.49)	11.1 (0.32)	17.7 (0.44)	22.8 (0.61)	22.7 (0.50)	16.8 (0.49)	7.4 (0.33)	1.6 (0.17)	1.4 (0.16)	0.1! (0.04)	
Romania .....	434 (4.1)	38.7 (1.86)	3.7 (0.55)	11.6 (0.88)	23.4 (1.19)	29.5 (1.18)	21.3 (1.23)	8.4 (0.85)	2.0 (0.39)	1.8 (0.37)	0.2! (0.07)	
Russian Federation .....	495 (3.1)	16.2 (1.20)	0.3! (0.10)	3.2 (0.42)	12.8 (0.99)	27.1 (0.98)	30.7 (1.12)	19.3 (1.00)	6.6 (0.60)	5.9 (0.59)	0.8 (0.17)	
Singapore .....	535 (1.6)	11.1 (0.52)	0.3! (0.12)	2.5 (0.24)	8.3 (0.42)	16.9 (0.54)	26.2 (0.74)	27.4 (0.73)	18.4 (0.70)	14.7 (0.66)	3.6 (0.35)	
Thailand .....	409 (3.3)	50.0 (1.76)	2.8 (0.43)	15.1 (1.07)	32.1 (1.03)	31.1 (0.97)	15.0 (0.98)	3.7 (0.54)	0.3! (0.12)	0.3! (0.12)	# (†)	
Trinidad and Tobago .....	427 (1.5)	42.5 (0.90)	5.7 (0.52)	14.3 (0.67)	22.5 (0.85)	25.6 (1.00)	20.3 (0.88)	9.2 (0.63)	2.4 (0.30)	2.2 (0.30)	0.2! (0.09)	
Tunisia .....	361 (3.1)	71.6 (1.28)	11.1 (1.13)	26.6 (1.08)	33.9 (1.17)	21.0 (1.10)	6.5 (0.59)	0.8 (0.22)	‡ (†)	‡ (†)	# (†)	
United Arab Emirates .....	434 (2.9)	40.4 (1.20)	5.4 (0.44)	13.2 (0.65)	21.8 (0.67)	25.4 (0.63)	20.5 (0.79)	10.7 (0.60)	3.0 (0.35)	2.7 (0.31)	0.3 (0.08)	
Uruguay .....	437 (2.5)	39.0 (1.11)	3.0 (0.33)	12.5 (0.74)	23.5 (0.84)	27.8 (0.81)	21.3 (0.84)	9.3 (0.58)	2.5 (0.40)	2.3 (0.37)	0.2! (0.09)	
Vietnam .....	487 (3.7)	13.8 (1.45)	‡ (†)	1.7 (0.38)	12.1 (1.32)	32.5 (1.47)	35.2 (1.33)	15.8 (1.19)	2.7 (0.71)	2.5 (0.65)	‡ (†)	

†Not applicable.

#Rounds to zero.

!Interpret data with caution. The coefficient of variation (CV) for this estimate is between 30 and 50 percent.

‡Reporting standards not met. The coefficient of variation (CV) for this estimate is 50 percent or greater.

<sup>1</sup>Program for International Student Assessment (PISA) scores are reported on a scale from 0 to 1,000.

<sup>2</sup>To reach a particular proficiency level, a student must correctly answer a majority of items at that level. Students were classified into reading literacy levels according to their scores. Exact cut scores are as follows: below level 1b (a score less than 262.04); level 1b (a score of at least 262.04 but less than 334.75); level 1a (a score of at least 334.75 but less than 407.47); level 2 (a score of at least 407.47 but less than 480.18); level 3 (a score of at least 480.18 but less than 552.89);

level 4 (a score of at least 552.89 but less than 625.61); level 5 (a score of at least 625.61 but less than 698.32); and level 6 (a score of at least 698.32).

<sup>3</sup>Refers to the mean of the data values for all Organization for Economic Cooperation and Development (OECD) countries, to which each country contributes equally, regardless of the absolute size of the student population of each country.

<sup>4</sup>Results are for public school students only.

NOTE: Detail may not sum to totals because of rounding.

SOURCE: Organization for Economic Cooperation and Development (OECD), Program for International Student Assessment (PISA), 2015. (This table was prepared December 2016.)

**Table 602.60. Average mathematics literacy scores of 15-year-old students and percentage attaining mathematics literacy proficiency levels, by country or other education system: 2015**

[Standard errors appear in parentheses]

Country or other education system	Average mathematics literacy score <sup>1</sup>		Percentage attaining mathematics literacy proficiency levels <sup>2</sup>																	
			Below level 2					At or above level 5												
			Total below level 2	Below level 1		At level 1		At level 2	At level 3		At level 4	Total at or above level 5	At level 5							
1	2	3	4	5	6	7	8	9	10	11										
<b>OECD average<sup>3</sup></b>	<b>490</b>	<b>(0.4)</b>	<b>23.4</b>	<b>(0.18)</b>	<b>8.5</b>	<b>(0.12)</b>	<b>14.9</b>	<b>(0.13)</b>	<b>22.5</b>	<b>(0.15)</b>	<b>24.8</b>	<b>(0.15)</b>	<b>18.6</b>	<b>(0.14)</b>	<b>10.7</b>	<b>(0.13)</b>	<b>8.4</b>	<b>(0.10)</b>	<b>2.3</b>	<b>(0.06)</b>
Australia	494	(1.6)	22.0	(0.61)	7.6	(0.43)	14.4	(0.45)	22.6	(0.70)	25.4	(0.61)	18.7	(0.54)	11.3	(0.62)	8.6	(0.48)	2.7	(0.28)
Austria	497	(2.9)	21.8	(1.08)	7.8	(0.71)	13.9	(0.68)	21.3	(0.82)	24.6	(0.85)	19.9	(0.85)	12.5	(0.87)	9.7	(0.69)	2.7	(0.40)
Belgium	507	(2.4)	20.1	(0.96)	7.2	(0.61)	12.9	(0.61)	18.8	(0.82)	23.4	(0.73)	21.8	(0.70)	15.9	(0.67)	12.3	(0.51)	3.6	(0.35)
Canada	516	(2.3)	14.4	(0.70)	3.8	(0.35)	10.5	(0.50)	20.4	(0.60)	27.1	(0.65)	23.0	(0.74)	15.1	(0.76)	11.4	(0.56)	3.7	(0.34)
Chile	423	(2.5)	49.4	(1.28)	23.0	(1.09)	26.3	(0.99)	25.5	(0.78)	17.4	(0.88)	6.4	(0.54)	1.4	(0.21)	1.3	(0.21)	#	(†)
Czech Republic	492	(2.4)	21.7	(1.07)	7.4	(0.68)	14.3	(0.76)	23.3	(0.95)	26.2	(0.84)	18.4	(0.74)	10.4	(0.78)	8.1	(0.63)	2.2	(0.30)
Denmark	511	(2.2)	13.6	(0.85)	3.1	(0.33)	10.5	(0.73)	21.9	(0.97)	29.5	(0.90)	23.4	(0.86)	11.7	(0.73)	9.8	(0.67)	1.9	(0.33)
Estonia	520	(2.0)	11.2	(0.71)	2.2	(0.31)	9.0	(0.67)	21.5	(0.94)	28.9	(0.84)	24.2	(0.72)	14.2	(0.81)	11.3	(0.66)	2.9	(0.41)
Finland	511	(2.3)	13.6	(0.83)	3.6	(0.48)	10.0	(0.65)	21.8	(0.80)	29.3	(0.79)	23.7	(0.98)	11.7	(0.70)	9.5	(0.68)	2.2	(0.30)
France	493	(2.1)	23.5	(0.93)	8.8	(0.71)	14.7	(0.69)	20.7	(0.88)	23.8	(0.77)	20.6	(0.71)	11.4	(0.69)	9.5	(0.61)	1.9	(0.27)
Germany	506	(2.9)	17.2	(1.00)	5.1	(0.57)	12.1	(0.76)	21.8	(0.94)	26.8	(0.74)	21.2	(0.94)	12.9	(0.78)	10.1	(0.64)	2.9	(0.36)
Greece	454	(3.8)	35.8	(1.77)	15.1	(1.33)	20.7	(0.97)	26.0	(0.89)	22.1	(1.00)	12.3	(0.85)	3.9	(0.48)	3.4	(0.44)	0.5	(0.14)
Hungary	477	(2.5)	28.0	(1.15)	11.3	(0.83)	16.6	(0.78)	23.1	(1.01)	24.5	(0.97)	16.3	(0.81)	8.1	(0.64)	6.7	(0.49)	1.5	(0.26)
Iceland	488	(2.0)	23.6	(1.01)	8.4	(0.59)	15.2	(0.88)	23.7	(1.13)	24.8	(1.10)	17.5	(0.87)	10.3	(0.78)	8.1	(0.71)	2.2	(0.34)
Ireland	504	(2.1)	15.0	(0.89)	3.5	(0.46)	11.5	(0.65)	24.1	(0.89)	30.0	(0.89)	21.2	(0.71)	9.8	(0.58)	8.3	(0.51)	1.5	(0.22)
Israel	470	(3.6)	32.1	(1.37)	15.0	(0.99)	17.1	(0.78)	21.1	(0.98)	21.7	(0.99)	16.1	(0.79)	8.9	(0.89)	7.1	(0.65)	1.9	(0.32)
Italy	490	(2.8)	23.3	(1.06)	8.3	(0.64)	14.9	(0.78)	23.3	(0.85)	24.7	(0.80)	18.3	(0.87)	10.5	(0.80)	8.1	(0.60)	2.4	(0.34)
Japan	532	(3.0)	10.7	(0.81)	2.9	(0.40)	7.8	(0.57)	17.2	(0.90)	25.8	(0.87)	25.9	(0.91)	20.3	(1.26)	15.0	(0.90)	5.3	(0.73)
Korea, Republic of	524	(3.7)	15.5	(1.06)	5.4	(0.63)	10.0	(0.74)	17.2	(0.78)	23.7	(0.81)	22.7	(0.94)	20.9	(1.33)	14.3	(0.87)	6.6	(0.68)
Latvia	482	(1.9)	21.4	(1.01)	5.7	(0.63)	15.8	(0.81)	28.3	(0.91)	28.8	(0.95)	16.3	(0.74)	5.2	(0.42)	4.5	(0.40)	0.6	(0.14)
Luxembourg	486	(1.3)	25.8	(0.69)	8.8	(0.49)	17.0	(0.71)	22.5	(0.69)	23.6	(0.96)	18.0	(0.67)	10.0	(0.52)	7.8	(0.41)	2.2	(0.30)
Mexico	408	(2.2)	56.6	(1.31)	25.5	(1.11)	31.1	(0.92)	26.9	(0.92)	12.9	(0.76)	3.2	(0.36)	#	(†)	#	(†)	#	(†)
Netherlands	512	(2.2)	16.7	(0.89)	5.2	(0.50)	11.5	(0.70)	19.8	(0.75)	24.9	(0.88)	23.0	(0.83)	15.5	(0.78)	12.3	(0.68)	3.2	(0.33)
New Zealand	495	(2.3)	21.6	(1.02)	7.1	(0.54)	14.6	(0.83)	22.6	(0.99)	25.3	(1.01)	19.0	(0.79)	11.4	(0.71)	8.6	(0.66)	2.8	(0.37)
Norway	502	(2.2)	17.1	(0.77)	4.8	(0.48)	12.3	(0.65)	23.6	(0.89)	27.7	(0.82)	21.0	(1.02)	10.6	(0.67)	8.7	(0.62)	1.9	(0.27)
Poland	504	(2.4)	17.2	(1.00)	4.5	(0.52)	12.7	(0.75)	22.9	(0.96)	27.1	(0.78)	20.6	(0.89)	12.2	(0.88)	9.3	(0.64)	2.9	(0.46)
Portugal	492	(2.5)	23.8	(0.95)	8.7	(0.61)	15.1	(0.73)	21.6	(0.71)	23.9	(0.78)	19.2	(0.77)	11.4	(0.70)	8.9	(0.62)	2.5	(0.33)
Slovak Republic	475	(2.7)	27.7	(1.19)	11.6	(0.79)	16.1	(0.74)	23.5	(1.02)	24.3	(0.87)	16.7	(0.71)	7.8	(0.64)	6.6	(0.50)	1.3	(0.26)
Slovenia	510	(1.3)	16.1	(0.58)	4.4	(0.40)	11.7	(0.63)	21.4	(0.80)	26.8	(0.75)	22.3	(0.84)	13.5	(0.68)	10.4	(0.59)	3.0	(0.36)
Spain	486	(2.2)	22.2	(0.97)	7.2	(0.49)	15.0	(0.80)	24.9	(0.83)	27.5	(0.98)	18.1	(0.70)	7.2	(0.62)	6.3	(0.52)	1.0	(0.20)
Sweden	494	(3.2)	20.8	(1.20)	7.0	(0.68)	13.8	(0.83)	23.3	(0.96)	26.1	(1.10)	19.4	(0.93)	10.4	(0.86)	8.4	(0.65)	2.0	(0.38)
Switzerland	521	(2.9)	15.8	(1.03)	4.9	(0.54)	10.9	(0.78)	18.1	(0.81)	23.6	(0.89)	23.3	(0.83)	19.2	(1.05)	14.0	(0.80)	5.3	(0.54)
Turkey	420	(4.1)	51.4	(2.17)	22.9	(1.54)	28.4	(1.36)	25.3	(1.14)	16.3	(1.24)	5.9	(0.93)	1.1!	(0.36)	1.0!	(0.33)	0.1!	(0.08)
United Kingdom	492	(2.5)	21.9	(1.01)	7.7	(0.63)	14.1	(0.73)	22.7	(0.76)	26.0	(0.77)	18.8	(0.83)	10.6	(0.69)	8.3	(0.57)	2.3	(0.32)
United States	470	(3.2)	29.4	(1.44)	10.6	(0.81)	18.8	(1.01)	26.2	(1.00)	23.8	(0.89)	14.7	(0.80)	5.9	(0.70)	5.0	(0.61)	0.9	(0.20)

See notes at end of table.

**Table 602.60. Average mathematics literacy scores of 15-year-old students and percentage attaining mathematics literacy proficiency levels, by country or other education system: 2015—Continued**

[Standard errors appear in parentheses]

Country or other education system	Average mathematics literacy score <sup>1</sup>		Percentage attaining mathematics literacy proficiency levels <sup>2</sup>																	
			Below level 2				At or above level 5													
			Total below level 2	Below level 1	At level 1	At level 2	At level 3	At level 4	Total at or above level 5	At level 5	At level 6									
1	2	3	4	5	6	7	8	9	10	11										
<b>Non-OECD education systems</b>																				
Albania .....	413	(3.4)	53.3	(1.92)	26.3	(1.49)	27.0	(1.54)	25.4	(1.18)	14.8	(0.96)	5.4	(0.62)	1.1	(0.25)	1.0	(0.26)	±	(†)
Algeria .....	360	(3.0)	81.0	(1.34)	50.6	(1.69)	30.4	(0.92)	14.2	(0.96)	4.0	(0.53)	0.8	(0.23)	±	(†)	±	(†)	±	(†)
Beijing, Shanghai, Jiangsu, Guangdong (China) .....	531	(4.9)	15.8	(1.21)	5.8	(0.71)	10.0	(0.85)	16.3	(0.95)	20.5	(0.94)	21.8	(0.95)	25.6	(1.90)	16.6	(1.08)	9.0	(1.09)
Brazil .....	377	(2.9)	70.3	(1.22)	43.7	(1.34)	26.5	(0.79)	17.2	(0.70)	8.6	(0.54)	3.1	(0.36)	0.9	(0.21)	0.8	(0.17)	±	(†)
Buenos Aires (Argentina) .....	456	(6.9)	34.1	(3.20)	13.8	(2.09)	20.2	(2.36)	27.0	(1.97)	22.3	(1.92)	12.5	(1.79)	4.0	(1.09)	3.5	(0.96)	±	(†)
Bulgaria .....	441	(4.0)	42.1	(1.80)	20.8	(1.49)	21.2	(1.08)	23.7	(1.00)	19.3	(0.98)	10.6	(0.82)	4.4	(0.63)	3.6	(0.47)	0.8!	(0.25)
Chinese Taipei .....	542	(3.0)	12.7	(0.73)	4.4	(0.41)	8.3	(0.51)	14.6	(0.68)	21.2	(0.85)	23.3	(0.90)	28.1	(1.25)	18.0	(0.65)	10.1	(0.92)
Colombia .....	390	(2.3)	66.3	(1.18)	35.4	(1.28)	30.9	(0.77)	21.5	(0.82)	9.5	(0.57)	2.4	(0.25)	#	(†)	#	(†)	±	(†)
Costa Rica .....	400	(2.5)	62.5	(1.51)	27.4	(1.16)	35.1	(0.98)	25.8	(1.01)	9.4	(0.77)	2.0	(0.35)	#	(†)	#	(†)	±	(†)
Croatia .....	464	(2.8)	32.0	(1.37)	11.5	(0.92)	20.5	(0.80)	26.3	(0.86)	23.0	(0.83)	13.1	(0.77)	5.6	(0.54)	4.6	(0.47)	1.0	(0.18)
Cyprus .....	437	(1.7)	42.6	(0.80)	20.2	(0.72)	22.4	(0.73)	25.8	(0.82)	18.9	(0.85)	9.5	(0.49)	3.2	(0.41)	2.8	(0.40)	#	(†)
Dominican Republic .....	328	(2.7)	90.5	(1.04)	68.3	(1.61)	22.2	(1.15)	7.7	(0.79)	1.5	(0.39)	±	(†)	±	(†)	±	(†)	#	(†)
Georgia .....	404	(2.8)	57.1	(1.18)	31.2	(1.36)	25.9	(0.98)	22.8	(0.82)	13.4	(0.71)	5.2	(0.53)	1.6	(0.40)	1.4	(0.34)	±	(†)
Hong Kong (China) .....	548	(3.0)	9.0	(0.77)	2.5	(0.42)	6.4	(0.56)	13.6	(0.86)	23.4	(0.94)	27.4	(1.05)	26.5	(1.14)	18.8	(0.89)	7.7	(0.71)
Indonesia .....	386	(3.1)	68.6	(1.56)	37.9	(1.68)	30.7	(1.12)	19.6	(1.01)	8.4	(0.72)	2.7	(0.38)	0.7	(0.19)	0.6	(0.17)	±	(†)
Jordan .....	380	(2.7)	67.5	(1.31)	38.9	(1.28)	28.7	(0.90)	20.9	(0.90)	9.2	(0.64)	2.1	(0.30)	#	(†)	#	(†)	±	(†)
Kosovo .....	362	(1.6)	77.7	(1.05)	48.7	(1.00)	29.0	(1.26)	16.5	(0.95)	5.1	(0.60)	0.7!	(0.23)	±	(†)	±	(†)	±	(†)
Lebanon .....	396	(3.7)	60.2	(1.58)	36.6	(1.73)	23.6	(1.21)	19.5	(0.91)	12.3	(0.93)	5.9	(0.58)	2.0	(0.33)	1.7	(0.30)	#	(†)
Lithuania .....	478	(2.3)	25.4	(1.07)	8.5	(0.75)	16.9	(0.82)	26.4	(1.08)	25.4	(1.04)	15.9	(0.90)	6.9	(0.66)	5.8	(0.58)	1.1	(0.22)
Macao (China) .....	544	(1.1)	6.6	(0.52)	1.3	(0.20)	5.3	(0.46)	15.1	(0.64)	27.3	(0.84)	29.1	(0.74)	21.9	(0.62)	16.9	(0.67)	5.0	(0.54)
Macedonia, Republic of .....	371	(1.3)	70.2	(0.77)	45.1	(0.74)	25.1	(0.83)	17.3	(0.92)	8.6	(0.59)	3.1	(0.39)	0.8	(0.19)	0.7	(0.17)	±	(†)
Malta .....	479	(1.7)	29.1	(0.81)	14.7	(0.61)	14.4	(0.75)	20.0	(0.86)	21.6	(0.69)	17.5	(0.76)	11.8	(0.67)	8.9	(0.59)	3.0	(0.32)
Massachusetts <sup>4</sup> (USA) .....	500	(5.5)	17.2	(1.84)	5.4	(0.99)	11.8	(1.55)	22.6	(1.82)	29.6	(1.66)	20.6	(1.63)	10.0	(1.34)	8.5	(1.25)	1.5!	(0.49)
Moldova, Republic of .....	420	(2.5)	50.3	(1.25)	24.8	(1.05)	25.5	(0.97)	25.0	(1.12)	16.3	(0.77)	6.7	(0.57)	1.7	(0.25)	1.5	(0.24)	#	(†)
Montenegro, Republic of .....	418	(1.5)	51.9	(0.95)	25.0	(0.74)	26.9	(0.80)	24.9	(0.97)	15.7	(0.72)	6.1	(0.42)	1.5	(0.22)	1.4	(0.21)	#	(†)
North Carolina <sup>4</sup> (USA) .....	471	(4.4)	28.8	(2.08)	9.9	(1.28)	18.9	(1.64)	26.0	(1.48)	24.7	(1.64)	15.0	(1.18)	5.5	(0.89)	4.9	(0.86)	0.7!	(0.25)
Peru .....	387	(2.7)	66.2	(1.41)	37.7	(1.18)	28.4	(0.86)	21.0	(0.89)	9.8	(0.71)	2.7	(0.38)	#	(†)	#	(†)	#	(†)
Puerto Rico (USA) .....	378	(5.6)	72.6	(3.66)	41.6	(3.11)	31.0	(1.92)	17.7	(2.11)	7.2	(1.27)	2.2!	(0.82)	±	(†)	±	(†)	±	(†)
Qatar .....	402	(1.3)	58.7	(0.70)	34.7	(0.54)	24.0	(0.56)	19.9	(0.57)	12.8	(0.38)	6.4	(0.32)	2.2	(0.19)	1.9	(0.18)	#	(†)
Romania .....	444	(3.8)	39.9	(1.84)	16.2	(1.26)	23.7	(1.21)	27.4	(1.08)	20.1	(1.11)	9.3	(0.85)	3.3	(0.53)	2.8	(0.44)	#	(†)
Russian Federation .....	494	(3.1)	18.9	(1.17)	5.1	(0.67)	13.9	(0.89)	25.5	(0.93)	27.5	(0.93)	19.3	(0.96)	8.8	(0.74)	7.3	(0.62)	1.5	(0.24)
Singapore .....	564	(1.5)	7.6	(0.39)	2.0	(0.20)	5.5	(0.40)	12.4	(0.63)	20.0	(0.74)	25.1	(0.88)	34.8	(0.77)	21.7	(0.84)	13.1	(0.67)
Thailand .....	415	(3.0)	53.8	(1.62)	24.2	(1.20)	29.6	(1.13)	26.1	(0.90)	13.8	(0.89)	4.8	(0.56)	1.4	(0.35)	1.2	(0.29)	±	(†)
Trinidad and Tobago .....	417	(1.4)	52.3	(0.83)	28.3	(0.76)	23.9	(0.91)	22.1	(0.84)	15.6	(0.75)	7.5	(0.55)	2.5	(0.31)	2.2	(0.29)	#	(†)
Tunisia .....	367	(3.0)	74.8	(1.24)	47.4	(1.46)	27.4	(1.06)	16.4	(0.88)	6.4	(0.63)	1.8	(0.42)	0.5!	(0.23)	#	(†)	±	(†)
United Arab Emirates .....	427	(2.4)	48.7	(1.21)	24.4	(0.99)	24.4	(0.72)	23.2	(0.76)	15.9	(0.70)	8.5	(0.50)	3.7	(0.34)	3.1	(0.31)	0.6	(0.10)
Uruguay .....	418	(2.5)	52.4	(1.23)	25.4	(1.22)	27.0	(1.02)	24.4	(0.89)	15.3	(0.77)	6.2	(0.48)	1.7	(0.37)	1.5	(0.32)	0.2!	(0.09)
Vietnam .....	495	(4.5)	19.1	(1.67)	4.5	(0.77)	14.6	(1.16)	26.4	(1.19)	27.0	(1.31)	18.2	(1.08)	9.3	(1.34)	7.2	(0.85)	2.1!	(0.66)

†Not applicable.

#Rounds to zero.

!Interpret data with caution. The coefficient of variation (CV) for this estimate is between 30 and 50 percent.

±Reporting standards not met. The coefficient of variation (CV) for this estimate is 50 percent or greater.

<sup>1</sup>Program for International Student Assessment (PISA) scores are reported on a scale from 0 to 1,000.

<sup>2</sup>To reach a particular proficiency level, a student must correctly answer a majority of items at that level. Students were classified into mathematics literacy levels according to their scores. Exact cut scores are as follows: below level 1 (a score less than 357.77); level 1 (a score of at least 357.77 but less than 420.07); level 2 (a score of at least 420.07 but less than

482.38); level 3 (a score of at least 482.38 but less than 544.68); level 4 (a score of at least 544.68 but less than 606.99); level 5 (a score of at least 606.99 but less than 669.30); and level 6 (a score of at least 669.30).

<sup>3</sup>Refers to the mean of the data values for all Organization for Economic Cooperation and Development (OECD) countries, to which each country contributes equally, regardless of the absolute size of the student population of each country.

<sup>4</sup>Results are for public school students only.

NOTE: Detail may not sum to totals because of rounding.

SOURCE: Organization for Economic Cooperation and Development (OECD), Program for International Student Assessment (PISA), 2015. (This table was prepared December 2016.)

**Table 602.70. Average science literacy scores of 15-year-old students and percentage attaining science literacy proficiency levels, by country or other education system: 2015**

[Standard errors appear in parentheses]

Country or other education system	Average science literacy score <sup>1</sup>	Percentage attaining science literacy proficiency levels <sup>2</sup>																
		Below level 2						At or above level 5										
		Total below level 2		Below level 1b	At level 1b		At level 1a		At level 2		At level 3		At level 4		Total at or above level 5		At level 5	
1	2	3	4	5	6	7	8	9	10	11	12							
<b>OECD average<sup>3</sup></b>	<b>493 (0.4)</b>	<b>21.2 (0.17)</b>	<b>0.6 (0.03)</b>	<b>4.9 (0.08)</b>	<b>15.7 (0.13)</b>	<b>24.8 (0.14)</b>	<b>27.2 (0.15)</b>	<b>19.0 (0.13)</b>	<b>7.7 (0.09)</b>	<b>6.7 (0.08)</b>	<b>1.1 (0.03)</b>							
Australia	510 (1.5)	17.6 (0.56)	0.6 (0.09)	4.3 (0.26)	12.8 (0.48)	21.6 (0.53)	27.3 (0.51)	22.3 (0.53)	11.2 (0.45)	9.2 (0.42)	2.0 (0.22)							
Austria	495 (2.4)	20.8 (0.96)	0.5! (0.16)	4.5 (0.47)	15.8 (0.82)	23.9 (0.77)	28.1 (0.83)	19.5 (0.79)	7.7 (0.55)	6.8 (0.49)	0.9 (0.18)							
Belgium	502 (2.3)	19.8 (0.90)	0.5 (0.12)	4.9 (0.42)	14.4 (0.62)	21.9 (0.63)	26.8 (0.74)	22.5 (0.65)	9.0 (0.43)	8.0 (0.41)	1.0 (0.13)							
Canada	528 (2.1)	11.1 (0.53)	# (†)	1.8 (0.19)	9.1 (0.44)	20.2 (0.58)	30.3 (0.54)	26.1 (0.69)	12.4 (0.61)	10.4 (0.52)	2.0 (0.21)							
Chile	447 (2.4)	34.8 (1.18)	1.0 (0.21)	8.9 (0.57)	25.0 (0.91)	31.0 (0.98)	23.8 (0.91)	9.1 (0.66)	1.2 (0.19)	1.2 (0.19)	‡ (†)							
Czech Republic	493 (2.3)	20.7 (1.00)	# (†)	4.3 (0.48)	16.1 (0.80)	25.9 (0.81)	27.7 (0.89)	18.4 (0.74)	7.3 (0.51)	6.3 (0.45)	0.9 (0.17)							
Denmark	502 (2.4)	15.9 (0.83)	# (†)	3.0 (0.29)	12.5 (0.70)	25.9 (0.90)	31.1 (1.05)	20.2 (0.80)	7.0 (0.63)	6.1 (0.55)	0.9 (0.19)							
Estonia	534 (2.1)	8.8 (0.65)	‡ (†)	1.2 (0.23)	7.5 (0.60)	20.1 (0.73)	30.7 (0.91)	26.9 (0.94)	13.5 (0.73)	11.6 (0.68)	1.9 (0.26)							
Finland	531 (2.4)	11.5 (0.69)	# (†)	2.3 (0.33)	8.9 (0.56)	19.1 (0.73)	29.2 (0.79)	26.0 (0.83)	14.3 (0.65)	11.9 (0.58)	2.4 (0.28)							
France	495 (2.1)	22.1 (0.86)	0.9 (0.18)	5.8 (0.48)	15.3 (0.63)	22.0 (0.86)	26.5 (0.78)	21.4 (0.75)	8.0 (0.53)	7.2 (0.52)	0.8 (0.15)							
Germany	509 (2.7)	17.0 (0.95)	0.4! (0.14)	3.8 (0.41)	12.8 (0.69)	22.7 (0.81)	27.7 (0.80)	22.0 (0.80)	10.6 (0.61)	8.8 (0.56)	1.8 (0.20)							
Greece	455 (3.9)	32.7 (1.88)	1.2 (0.31)	9.1 (0.99)	22.4 (1.07)	28.4 (1.11)	25.2 (1.10)	11.6 (0.86)	2.1 (0.31)	2.0 (0.29)	# (†)							
Hungary	477 (2.4)	26.0 (1.04)	0.8 (0.19)	6.8 (0.63)	18.4 (0.86)	25.5 (0.85)	27.3 (0.88)	16.6 (0.77)	4.6 (0.47)	4.3 (0.41)	# (†)							
Iceland	473 (1.7)	25.3 (0.87)	0.8 (0.23)	5.8 (0.51)	18.7 (0.86)	29.0 (1.00)	27.3 (0.93)	14.6 (0.80)	3.8 (0.39)	3.5 (0.37)	# (†)							
Ireland	503 (2.4)	15.3 (0.96)	# (†)	2.7 (0.38)	12.4 (0.78)	26.4 (0.94)	31.1 (0.87)	20.1 (0.82)	7.1 (0.47)	6.3 (0.41)	0.8 (0.16)							
Israel	467 (3.4)	31.4 (1.36)	2.1 (0.37)	9.5 (0.75)	19.9 (0.88)	24.4 (0.82)	23.3 (0.98)	15.0 (0.82)	5.8 (0.46)	5.1 (0.45)	0.7 (0.14)							
Italy	481 (2.5)	23.2 (1.02)	0.6 (0.17)	5.4 (0.55)	17.2 (0.79)	27.1 (0.95)	28.6 (1.04)	17.0 (0.75)	4.1 (0.38)	3.8 (0.36)	# (†)							
Japan	538 (3.0)	9.6 (0.70)	‡ (†)	1.7 (0.28)	7.7 (0.57)	18.1 (0.80)	28.2 (0.87)	28.8 (0.93)	15.3 (1.04)	12.9 (0.80)	2.4 (0.40)							
Korea, Republic of	516 (3.1)	14.4 (0.91)	# (†)	2.9 (0.36)	11.1 (0.70)	21.7 (0.95)	29.2 (0.92)	24.0 (1.00)	10.6 (0.80)	9.2 (0.71)	1.4 (0.25)							
Latvia	490 (1.6)	17.2 (0.75)	‡ (†)	2.6 (0.30)	14.5 (0.68)	29.8 (0.81)	31.7 (0.82)	17.4 (0.77)	3.8 (0.36)	3.5 (0.36)	# (†)							
Luxembourg	483 (1.1)	25.9 (0.71)	0.5 (0.14)	6.4 (0.48)	18.9 (0.59)	24.8 (0.74)	25.1 (0.72)	17.3 (0.63)	6.9 (0.40)	6.0 (0.39)	0.9 (0.17)							
Mexico	416 (2.1)	47.8 (1.29)	1.1 (0.27)	11.7 (0.74)	35.0 (1.00)	34.7 (0.89)	15.1 (0.89)	2.3 (0.29)	# (†)	# (†)	# (†)							
Netherlands	509 (2.3)	18.5 (0.97)	# (†)	4.0 (0.45)	14.3 (0.73)	21.8 (0.88)	26.1 (0.86)	22.4 (0.80)	11.1 (0.58)	9.5 (0.53)	1.6 (0.23)							
New Zealand	513 (2.4)	17.4 (0.90)	# (†)	4.0 (0.37)	13.0 (0.77)	21.6 (0.78)	26.3 (0.79)	21.8 (0.79)	12.8 (0.70)	10.1 (0.63)	2.7 (0.37)							
Norway	498 (2.3)	18.7 (0.81)	0.6 (0.15)	4.1 (0.40)	14.0 (0.68)	24.6 (0.76)	29.1 (0.81)	19.6 (0.78)	8.0 (0.53)	6.9 (0.49)	1.1 (0.18)							
Poland	501 (2.5)	16.3 (0.85)	# (†)	2.6 (0.36)	13.3 (0.70)	26.6 (0.93)	29.9 (0.93)	19.9 (0.78)	7.3 (0.63)	6.3 (0.55)	1.0 (0.19)							
Portugal	501 (2.4)	17.4 (0.92)	# (†)	3.2 (0.37)	14.0 (0.85)	25.4 (0.77)	28.8 (0.84)	21.0 (0.81)	7.4 (0.51)	6.7 (0.46)	0.7 (0.15)							
Slovak Republic	461 (2.6)	30.7 (1.10)	2.1 (0.31)	8.9 (0.73)	19.7 (0.81)	27.6 (0.79)	24.8 (0.72)	13.3 (0.64)	3.6 (0.37)	3.3 (0.34)	# (†)							
Slovenia	513 (1.3)	15.0 (0.50)	# (†)	2.8 (0.29)	11.9 (0.51)	23.3 (0.72)	29.1 (0.87)	22.1 (0.84)	10.6 (0.57)	9.1 (0.58)	1.5 (0.29)							
Spain	493 (2.1)	18.3 (0.80)	# (†)	3.7 (0.42)	14.3 (0.70)	26.5 (0.71)	31.3 (0.73)	18.9 (0.73)	5.0 (0.38)	4.7 (0.37)	# (†)							
Sweden	493 (3.6)	21.6 (1.15)	0.9 (0.18)	5.7 (0.53)	15.0 (0.91)	24.0 (0.86)	26.8 (0.88)	19.0 (0.87)	8.5 (0.72)	7.2 (0.61)	1.3 (0.24)							
Switzerland	506 (2.9)	18.5 (1.06)	0.5! (0.16)	4.0 (0.48)	13.9 (0.79)	22.8 (0.82)	26.3 (1.08)	22.7 (1.02)	9.8 (0.65)	8.6 (0.62)	1.1 (0.22)							
Turkey	425 (3.9)	44.5 (2.10)	1.1 (0.25)	11.8 (0.98)	31.6 (1.47)	31.3 (1.32)	19.1 (1.38)	4.8 (0.86)	# (†)	# (†)	‡ (†)							
United Kingdom	509 (2.6)	17.4 (0.80)	# (†)	3.4 (0.30)	13.6 (0.68)	22.6 (0.72)	27.5 (0.70)	21.6 (0.69)	10.9 (0.67)	9.1 (0.60)	1.8 (0.23)							
United States	496 (3.2)	20.3 (1.07)	0.5 (0.14)	4.3 (0.47)	15.5 (0.78)	25.5 (0.78)	26.6 (0.89)	19.1 (0.93)	8.5 (0.64)	7.3 (0.55)	1.2 (0.22)							
<b>Non-OECD education systems</b>																		
Albania	427 (3.3)	41.7 (1.68)	1.6 (0.29)	10.3 (0.77)	29.8 (1.23)	34.5 (0.99)	18.9 (1.31)	4.5 (0.58)	# (†)	# (†)	‡ (†)							
Algeria	376 (2.6)	70.8 (1.42)	3.9 (0.50)	24.1 (1.04)	42.8 (1.01)	22.7 (1.07)	5.6 (0.62)	0.9 (0.22)	‡ (†)	‡ (†)	‡ (†)							
Beijing, Shanghai, Jiangsu, Guangdong (China)	518 (4.6)	16.2 (1.29)	0.6! (0.19)	3.8 (0.50)	11.8 (0.91)	20.7 (1.08)	25.8 (1.06)	23.8 (1.12)	13.6 (1.38)	11.5 (1.08)	2.1 (0.47)							
Brazil	401 (2.3)	56.6 (1.08)	4.4 (0.31)	19.9 (0.63)	32.4 (0.62)	25.4 (0.59)	13.1 (0.60)	4.2 (0.40)	0.7 (0.13)	0.6 (0.13)	‡ (†)							
Buenos Aires (Argentina)	475 (6.3)	22.7 (2.41)	‡ (†)	4.8 (0.88)	17.2 (1.78)	30.8 (1.87)	29.0 (1.86)	14.9 (1.81)	2.7 (0.77)	2.6 (0.73)	‡ (†)							
Bulgaria	446 (4.4)	37.9 (1.88)	2.7 (0.41)	12.4 (1.01)	22.8 (1.08)	25.2 (1.12)	22.6 (1.17)	11.4 (0.91)	2.9 (0.44)	2.7 (0.39)	‡ (†)							
Chinese Taipei	532 (2.7)	12.4 (0.79)	# (†)	2.7 (0.35)	9.4 (0.63)	18.1 (0.63)	27.0 (0.92)	27.1 (0.80)	15.4 (1.08)	12.7 (0.76)	2.7 (0.47)							
Colombia	416 (2.4)	49.0 (1.32)	1.7 (0.32)	14.5 (0.91)	32.8 (0.89)	30.6 (0.92)	15.9 (0.71)	4.1 (0.36)	# (†)	# (†)	‡ (†)							
Costa Rica	420 (2.1)	46.4 (1.23)	0.7 (0.19)	10.1 (0.64)	35.6 (0.99)	35.5 (0.83)	15.2 (0.87)	2.7 (0.36)	‡ (†)	‡ (†)	‡ (†)							
Croatia	475 (2.5)	24.6 (1.18)	# (†)	5.1 (0.48)	19.2 (1.00)	29.5 (0.85)	27.5 (0.99)	14.4 (0.74)	3.9 (0.39)	3.6 (0.38)	# (†)							

See notes at end of table.

**Table 602.70. Average science literacy scores of 15-year-old students and percentage attaining science literacy proficiency levels, by country or other education system: 2015—Continued**  
 [Standard errors appear in parentheses]

Country or other education system	Average science literacy score <sup>1</sup>	Percentage attaining science literacy proficiency levels <sup>2</sup>										
		Below level 2					At or above level 5					
		Total below level 2	Below level 1b	At level 1b	At level 1a	At level 2	At level 3	At level 4	Total at or above level 5	At level 5	At level 6	
1	2	3	4	5	6	7	8	9	10	11	12	
Cyprus .....	433 (1.4)	42.1 (0.82)	2.3 (0.28)	12.9 (0.56)	26.9 (0.82)	28.6 (0.77)	19.6 (0.68)	8.1 (0.43)	1.6 (0.23)	1.5 (0.25)	‡	(†)
Dominican Republic .....	332 (2.6)	85.7 (1.12)	15.8 (1.03)	39.6 (1.28)	30.4 (1.31)	11.3 (0.85)	2.6 (0.48)	0.3! (0.14)	‡	(†)	‡	(†)
Georgia .....	411 (2.4)	50.8 (1.28)	4.2 (0.44)	16.0 (0.93)	30.5 (1.07)	28.2 (1.02)	15.2 (0.69)	4.9 (0.49)	0.9 (0.21)	0.8 (0.20)	‡	(†)
Hong Kong (China) .....	523 (2.5)	9.4 (0.75)	‡ (†)	1.6 (0.29)	7.8 (0.63)	19.7 (0.87)	36.1 (0.91)	27.4 (1.08)	7.4 (0.65)	6.9 (0.64)	‡	(†)
Indonesia .....	403 (2.6)	56.0 (1.65)	1.2! (0.36)	14.4 (1.11)	40.4 (1.47)	31.7 (1.26)	10.6 (0.82)	1.6 (0.30)	‡	(†)	‡	(†)
Jordan .....	409 (2.7)	49.8 (1.44)	4.2 (0.51)	15.2 (0.89)	30.4 (0.85)	30.9 (0.97)	16.1 (0.85)	3.1 (0.37)	#	(†)	#	(†)
Kosovo .....	378 (1.7)	67.7 (1.08)	4.0 (0.48)	24.4 (0.98)	39.3 (1.12)	24.4 (1.02)	7.2 (0.68)	0.7 (0.18)	‡	(†)	‡	(†)
Lebanon .....	386 (3.4)	62.6 (1.74)	6.8 (0.74)	23.6 (1.30)	32.3 (1.23)	22.0 (1.17)	11.6 (0.94)	3.3 (0.43)	#	(†)	#	(†)
Lithuania .....	475 (2.7)	24.7 (1.07)	0.5 (0.13)	5.4 (0.49)	18.9 (0.85)	29.7 (0.87)	26.3 (0.71)	15.1 (0.70)	4.2 (0.50)	3.9 (0.47)	#	(†)
Macao (China) .....	529 (1.1)	8.1 (0.41)	‡ (†)	1.1 (0.21)	6.9 (0.42)	20.6 (0.65)	34.2 (0.90)	28.0 (0.75)	9.2 (0.48)	8.3 (0.52)	0.9	(0.22)
Macedonia, Republic of .....	384 (1.2)	62.9 (0.76)	6.8 (0.49)	22.3 (0.81)	33.8 (0.90)	24.6 (0.72)	10.3 (0.54)	2.0 (0.31)	#	(†)	#	(†)
Malta .....	465 (1.6)	32.5 (0.77)	3.9 (0.40)	10.6 (0.67)	18.0 (0.86)	23.4 (0.81)	21.7 (0.90)	14.8 (0.89)	7.6 (0.48)	6.1 (0.40)	1.6	(0.26)
Massachusetts* (USA) .....	529 (6.6)	12.0 (1.38)	‡ (†)	2.2 (0.55)	9.6 (1.26)	19.2 (1.78)	29.3 (1.78)	25.3 (1.89)	14.2 (1.68)	11.4 (1.52)	2.8	(0.72)
Moldova, Republic of .....	428 (2.0)	42.2 (1.11)	2.3 (0.31)	11.8 (0.61)	28.2 (0.82)	31.5 (1.20)	19.7 (0.91)	5.9 (0.56)	0.7 (0.16)	0.7 (0.15)	‡	(†)
Montenegro, Republic of .....	411 (1.0)	51.0 (0.66)	3.1 (0.27)	15.8 (0.49)	32.1 (0.69)	29.0 (0.62)	15.1 (0.51)	4.4 (0.33)	#	(†)	‡	(†)
North Carolina* (USA) .....	502 (4.9)	18.0 (1.60)	‡ (†)	3.4 (0.67)	14.3 (1.45)	25.4 (1.51)	27.0 (1.35)	20.5 (1.54)	9.2 (0.97)	8.2 (0.91)	1.0!	(0.34)
Peru .....	397 (2.4)	58.5 (1.40)	2.8 (0.35)	19.0 (0.82)	36.7 (1.02)	27.9 (0.97)	11.5 (0.74)	2.0 (0.30)	#	(†)	#	(†)
Puerto Rico (USA) .....	403 (6.1)	55.3 (3.01)	3.6 (0.90)	19.5 (2.17)	32.3 (1.88)	26.7 (2.00)	13.5 (1.74)	4.1 (0.85)	‡	(†)	‡	(†)
Qatar .....	418 (1.0)	49.8 (0.47)	3.9 (0.25)	17.9 (0.47)	28.0 (0.64)	24.6 (0.45)	16.4 (0.49)	7.5 (0.30)	1.7 (0.16)	1.6 (0.14)	#	(†)
Romania .....	435 (3.2)	38.5 (1.81)	0.9 (0.24)	9.3 (0.87)	28.4 (1.39)	35.0 (1.35)	19.9 (1.04)	5.9 (0.71)	0.7 (0.19)	0.7 (0.19)	‡	(†)
Russian Federation .....	487 (2.9)	18.2 (1.12)	‡ (†)	2.9 (0.43)	15.2 (0.98)	31.2 (0.90)	30.9 (0.86)	16.0 (0.85)	3.7 (0.40)	3.5 (0.38)	#	(†)
Singapore .....	556 (1.2)	9.6 (0.40)	#	(†)	2.0 (0.22)	7.5 (0.46)	15.1 (0.46)	23.4 (0.62)	27.7 (0.65)	24.2 (0.60)	18.6	(0.67)
Thailand .....	421 (2.8)	46.7 (1.48)	1.1 (0.21)	11.9 (0.75)	33.7 (1.07)	32.2 (0.90)	16.0 (0.82)	4.6 (0.61)	#	(†)	#	(†)
Trinidad and Tobago .....	425 (1.4)	45.8 (0.80)	2.9 (0.46)	15.0 (0.71)	27.9 (0.92)	27.1 (0.82)	18.3 (0.65)	7.3 (0.54)	1.4 (0.23)	1.3 (0.24)	‡	(†)
Tunisia .....	386 (2.1)	65.9 (1.26)	1.6 (0.31)	20.0 (1.06)	44.2 (1.06)	26.6 (1.15)	6.8 (0.63)	0.7! (0.26)	‡	(†)	‡	(†)
United Arab Emirates .....	437 (2.4)	41.8 (1.11)	2.6 (0.29)	13.0 (0.61)	26.1 (0.71)	26.9 (0.62)	19.0 (0.66)	9.5 (0.53)	2.8 (0.21)	2.5 (0.20)	#	(†)
Uruguay .....	435 (2.2)	40.8 (1.13)	1.2 (0.23)	11.2 (0.78)	28.4 (0.93)	30.3 (0.83)	20.3 (0.76)	7.4 (0.54)	1.3 (0.23)	1.2 (0.21)	‡	(†)
Vietnam .....	525 (3.9)	5.9 (0.76)	‡ (†)	‡ (†)	5.7 (0.73)	25.3 (1.41)	36.6 (1.21)	23.9 (1.22)	8.3 (1.22)	7.1 (0.84)	1.2!	(0.46)

†Not applicable.

#Rounds to zero.

!Interpret data with caution. The coefficient of variation (CV) for this estimate is between 30 and 50 percent.

‡Reporting standards not met. The coefficient of variation (CV) for this estimate is 50 percent or greater.

<sup>1</sup>Program for International Student Assessment (PISA) scores are reported on a scale from 0 to 1,000.

<sup>2</sup>To reach a particular proficiency level, a student must correctly answer a majority of items at that level. Students were classified into science literacy levels according to their scores. Exact cut scores are as follows: below level 1b (a score less than 260.54); level 1b (a score of at least 260.54 but less than 334.94); level 1a (a score of at least 334.94 but less than 409.54); level 2 (a score of at least 409.54 but less than 484.14); level 3 (a score of at least 484.14 but less than 558.73);

level 4 (a score of at least 558.73 but less than 633.33); level 5 (a score of at least 633.33 but less than 707.93); and level 6 (a score of at least 707.93).

<sup>3</sup>Refers to the mean of the data values for all Organization for Economic Cooperation and Development (OECD) countries, to which each country contributes equally, regardless of the absolute size of the student population of each country.

\*Results are for public school students only.

NOTE: Detail may not sum to totals because of rounding.

SOURCE: Organization for Economic Cooperation and Development (OECD), Program for International Student Assessment (PISA), 2015. (This table was prepared December 2016.)

**Table 602.84. Percentage distribution of fourth- and eighth-graders, by frequency with which they reported being bullied during the school year and country or other education system: 2015**

[Standard errors appear in parentheses]

Country or other education system <sup>1</sup>	Never or almost never		A few times a year		At least monthly	
	Fourth grade	Eighth grade	Fourth grade	Eighth grade	Fourth grade	Eighth grade
1	2	3	4	5	6	7
<b>International average<sup>2</sup></b>	<b>56 (0.2)</b>	<b>63 (0.2)</b>	<b>29 (0.1)</b>	<b>29 (0.1)</b>	<b>16 (0.1)</b>	<b>8 (0.1)</b>
Australia	45 (1.3)	57 (1.0)	36 (1.1)	34 (0.8)	20 (1.1)	9 (0.4)
Bahrain	34 <sup>3</sup> (0.7)	49 (0.8)	33 <sup>3</sup> (0.6)	36 (0.7)	33 <sup>3</sup> (0.7)	15 (0.6)
Belgium (Flemish)	47 <sup>4</sup> (1.3)	— (†)	36 <sup>4</sup> (0.9)	— (†)	17 <sup>4</sup> (0.8)	— (†)
Bulgaria	54 (1.9)	— (†)	30 (1.1)	— (†)	16 (1.1)	— (†)
Canada <sup>4,5,6</sup>	53 <sup>3</sup> (0.9)	65 (0.8)	30 <sup>3</sup> (0.6)	30 (0.7)	17 <sup>3</sup> (0.8)	5 (0.3)
Chile	60 (1.3)	78 (0.8)	24 (0.9)	18 (0.7)	16 (0.8)	3 (0.4)
Chinese Taipei	58 (1.1)	86 (0.7)	29 (1.0)	13 (0.6)	13 (0.7)	1 (0.2)
Croatia	73 (1.2)	— (†)	19 (0.9)	— (†)	8 (0.6)	— (†)
Cyprus	55 (1.2)	— (†)	29 (1.0)	— (†)	16 (0.8)	— (†)
Czech Republic	60 (1.1)	— (†)	28 (0.9)	— (†)	12 (0.7)	— (†)
Denmark	58 <sup>3,4</sup> (1.2)	— (†)	32 <sup>3,4</sup> (0.9)	— (†)	10 <sup>3,4</sup> (0.7)	— (†)
Egypt	— (†)	55 (1.5)	— (†)	29 (1.0)	— (†)	16 (1.0)
England (United Kingdom)	54 (1.3)	62 (1.2)	31 (1.1)	32 (1.0)	15 (0.8)	6 (0.5)
Finland	71 (1.2)	— (†)	22 (0.9)	— (†)	7 (0.5)	— (†)
France	65 (1.2)	— (†)	26 (1.0)	— (†)	8 (0.6)	— (†)
Georgia <sup>5</sup>	73 (1.1)	82 <sup>3</sup> (1.0)	18 (0.7)	16 <sup>3</sup> (0.9)	9 (0.7)	2 <sup>3</sup> (0.3)
Germany <sup>7</sup>	57 (1.3)	— (†)	30 (0.9)	— (†)	13 (0.7)	— (†)
Hong Kong (China)	54 <sup>4</sup> (1.4)	56 (1.1)	32 <sup>4</sup> (1.1)	37 (1.0)	14 <sup>4</sup> (0.9)	7 (0.6)
Hungary	58 (1.3)	73 (1.0)	31 (1.1)	25 (0.9)	11 (0.7)	2 (0.3)
Indonesia	44 (1.4)	— (†)	31 (1.0)	— (†)	25 (1.0)	— (†)
Iran, Islamic Republic of	50 (1.6)	60 (0.8)	32 (0.9)	32 (0.8)	18 (1.1)	8 (0.5)
Ireland	73 (1.2)	75 (0.9)	20 (1.0)	22 (0.9)	6 (0.4)	4 (0.3)
Israel	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)
Italy <sup>9</sup>	50 (1.0)	73 (0.9)	35 (0.9)	25 (0.8)	15 (0.7)	2 (0.3)
Japan	68 (1.3)	80 (0.8)	23 (1.0)	18 (0.7)	8 (0.6)	2 (0.2)
Jordan	52 (1.8)	64 (1.1)	26 (1.1)	26 (0.9)	21 (1.4)	11 (0.5)
Kazakhstan	75 (1.1)	86 (0.8)	18 (0.8)	13 (0.7)	7 (0.6)	2 (0.2)
Korea, Republic of	76 (1.0)	84 (0.6)	20 (0.8)	15 (0.6)	4 (0.4)	1 (0.2)
Kuwait	48 (1.2)	60 (1.1)	31 (0.8)	32 (1.0)	21 (0.9)	8 (0.6)
Lebanon	— (†)	52 (2.0)	— (†)	28 (1.3)	— (†)	19 (1.8)
Lithuania <sup>3</sup>	56 (1.3)	72 (1.3)	31 (1.0)	24 (1.1)	13 (0.7)	4 (0.4)
Malaysia	— (†)	48 (1.1)	— (†)	42 (0.7)	— (†)	11 (0.8)
Malta	— (†)	64 (0.9)	— (†)	29 (0.8)	— (†)	7 (0.5)
Morocco	44 (1.5)	51 (0.8)	35 (1.1)	38 (0.7)	21 (1.0)	11 (0.5)
Netherlands	59 <sup>4</sup> (1.4)	— (†)	31 <sup>4</sup> (0.9)	— (†)	10 <sup>4</sup> (0.9)	— (†)
New Zealand	40 (1.0)	55 <sup>4</sup> (1.0)	36 (0.7)	35 <sup>4</sup> (0.8)	24 (0.7)	10 <sup>4</sup> (0.5)
Northern Ireland (United Kingdom)	64 <sup>3</sup> (1.5)	— (†)	27 <sup>8</sup> (1.1)	— (†)	10 <sup>3</sup> (0.7)	— (†)
Norway <sup>9</sup>	70 (1.3)	75 (0.9)	23 (1.0)	22 (0.8)	7 (0.6)	3 (0.3)
Oman	42 (1.6)	44 (0.9)	33 (1.0)	41 (0.8)	25 (1.0)	14 (0.7)
Poland	73 (1.0)	— (†)	19 (0.8)	— (†)	8 (0.5)	— (†)
Portugal	57 <sup>3</sup> (1.0)	— (†)	29 <sup>3</sup> (0.9)	— (†)	15 <sup>3</sup> (0.9)	— (†)
Qatar	43 (1.2)	61 (1.0)	28 (0.8)	27 (0.7)	28 (1.0)	12 (0.8)
Russian Federation	51 (1.3)	66 (1.0)	33 (0.9)	30 (0.9)	16 (0.6)	4 (0.3)
Saudi Arabia	47 (1.7)	64 (1.2)	27 (1.1)	27 (1.0)	26 (1.3)	9 (0.6)
Serbia	73 <sup>10</sup> (1.0)	— (†)	19 <sup>10</sup> (0.9)	— (†)	8 <sup>10</sup> (0.5)	— (†)
Singapore <sup>3</sup>	47 (0.9)	58 (0.8)	34 (0.6)	36 (0.7)	19 (0.7)	6 (0.4)
Slovak Republic	57 (1.1)	— (†)	30 (0.8)	— (†)	13 (0.7)	— (†)
Slovenia	58 (1.0)	72 (1.1)	29 (0.9)	24 (1.0)	14 (0.8)	4 (0.3)
Spain	48 <sup>3</sup> (1.0)	— (†)	33 <sup>3</sup> (0.6)	— (†)	19 <sup>3</sup> (0.8)	— (†)
Sweden	65 <sup>3</sup> (1.3)	74 (0.9)	28 <sup>3</sup> (1.1)	23 (0.8)	7 <sup>3</sup> (0.5)	3 (0.3)
Thailand	— (†)	33 (1.1)	— (†)	50 (0.9)	— (†)	17 (0.8)
Turkey	57 (1.1)	69 (1.1)	28 (0.8)	26 (0.9)	14 (0.7)	6 (0.3)
United Arab Emirates	43 (1.0)	58 (0.8)	31 (0.5)	32 (0.6)	26 (0.8)	10 (0.5)
United States <sup>4</sup>	56 <sup>3</sup> (0.8)	64 (0.6)	29 <sup>3</sup> (0.5)	29 (0.5)	15 <sup>3</sup> (0.5)	7 (0.4)
<b>Benchmarking education systems</b>						
Abu Dhabi (United Arab Emirates)	39 <sup>3</sup> (2.0)	56 (1.5)	31 <sup>3</sup> (1.0)	31 (1.0)	30 <sup>3</sup> (1.6)	13 (1.0)
Buenos Aires (Argentina)	50 (1.2)	75 <sup>4</sup> (1.2)	29 (0.8)	22 <sup>4</sup> (1.1)	21 (0.7)	3 <sup>4</sup> (0.4)
Dubai (United Arab Emirates)	46 (1.3)	62 (1.1)	32 (0.9)	30 (0.9)	22 (1.0)	8 (0.7)
Florida <sup>11</sup> (United States)	56 (1.6)	68 <sup>6</sup> (1.2)	28 (1.1)	26 <sup>6</sup> (1.0)	16 (1.0)	6 <sup>6</sup> (0.6)
Ontario (Canada)	52 (1.3)	61 (1.0)	31 (0.8)	32 (0.9)	17 (1.2)	7 (0.4)
Quebec <sup>12</sup> (Canada)	54 (1.6)	74 (0.9)	31 (1.1)	24 (0.9)	14 (1.2)	3 (0.3)

—Not available.

†Not applicable.

<sup>1</sup>Most of the education systems represent complete countries, but some represent subnational entities; examples include the Flemish community of Belgium, two components of the United Kingdom (England and Northern Ireland), a few individual cities (such as Abu Dhabi within the United Arab Emirates), and the U.S. state of Florida.

<sup>2</sup>The international average includes only education systems that are members of the International Association for the Evaluation of Educational Achievement (IEA), which develops and implements the Trends in International Mathematics and Science Study (TIMSS) at the international level. In this table, the fourth-grade international average includes grade 5 data from South Africa, and the eighth-grade international average includes grade 9 data from Botswana; these IEA countries are not shown separately because they did not participate at the target grade levels. "Benchmarking" education systems are not members of the IEA and are therefore not included in the average.

<sup>3</sup>National Defined Population covers 90 to 95 percent of the National Target Population.

<sup>4</sup>Met guidelines for sample participation rates only after replacement schools were included.

<sup>5</sup>Fourth-grade data include only students from the provinces of Alberta, Manitoba, Newfoundland, Ontario, and Quebec. Eighth-grade data include only students from the provinces of Manitoba, Newfoundland, Ontario, and Quebec.

<sup>6</sup>National Target Population does not include all of the International Target Population.

<sup>7</sup>Data are available for at least 70 percent but less than 85 percent of the students.

<sup>8</sup>Nearly satisfied guidelines for sample participation rates after replacement schools were included.

<sup>9</sup>Norway collected data from students in their fifth and ninth year of schooling rather than in grades 4 and 8 because year 1 in Norway is considered the equivalent of kindergarten rather than the first year of primary school.

<sup>10</sup>National Defined Population covers less than 90 percent of the National Target Population (but at least 77 percent).

<sup>11</sup>U.S. state-level data are based on public school students only.

<sup>12</sup>Did not satisfy guidelines for sample participation rates.

NOTE: Students responded to a series of questions about different types of bullying, and their responses were collapsed into the single bullying frequency scale shown in this table. TIMSS required countries and other education systems to draw probability samples of students who were nearing the end of their fourth and eighth years of formal schooling (counting the first year of primary school as year 1), provided that the mean age at the time of testing was at least 9.5 years for fourth-year students and 13.5 years for eighth-year students. Detail may not sum to totals because of rounding.

SOURCE: International Association for the Evaluation of Educational Achievement (IEA), Trends in International Mathematics and Science Study (TIMSS), 2015. (This table was prepared December 2016.)

**Table 602.85. Percentage distribution of fourth- and eighth-graders, by extent to which their teachers rated the school as safe and orderly and country or other education system: 2015**

[Standard errors appear in parentheses]

Country or other education system <sup>1</sup>	Very safe and orderly		Safe and orderly		Less than safe and orderly	
	Fourth grade	Eighth grade	Fourth grade	Eighth grade	Fourth grade	Eighth grade
1	2	3	4	5	6	7
<b>International average<sup>2</sup></b>	<b>56 (0.5)</b>	<b>46 (0.5)</b>	<b>40 (0.5)</b>	<b>46 (0.6)</b>	<b>4 (0.2)</b>	<b>8 (0.3)</b>
Australia	75 (2.8)	60 (3.0)	23 (2.9)	33 (2.7)	2 <sup>1</sup> (0.8)	7 (1.6)
Bahrain	56 <sup>3</sup> (2.5)	50 (2.9)	37 <sup>3</sup> (2.5)	44 (2.9)	8 <sup>3</sup> (0.9)	6 (1.3)
Belgium (Flemish)	43 <sup>4</sup> (3.5)	— (†)	52 <sup>4</sup> (3.6)	— (†)	5 <sup>1,4</sup> (1.6)	— (†)
Bulgaria	69 (3.5)	— (†)	29 (3.7)	— (†)	2 (1.8)	— (†)
Canada <sup>4,5,6</sup>	55 <sup>3</sup> (2.2)	50 (3.2)	42 <sup>3</sup> (2.3)	45 (3.1)	3 <sup>3</sup> (0.8)	4 (1.0)
Chile	47 (4.2)	38 (3.8)	41 (4.4)	49 (4.2)	12 (2.6)	14 (2.5)
Chinese Taipei	35 (3.6)	38 (3.4)	61 (3.9)	57 (3.7)	4 <sup>1</sup> (1.5)	5 <sup>1</sup> (1.7)
Croatia	48 (3.5)	— (†)	50 (3.5)	— (†)	2 <sup>1</sup> (1.0)	— (†)
Cyprus	60 (3.8)	— (†)	36 (3.7)	— (†)	4 <sup>1</sup> (1.3)	— (†)
Czech Republic	54 (3.6)	— (†)	45 (3.5)	— (†)	2 <sup>1</sup> (0.8)	— (†)
Denmark	41 <sup>3,4</sup> (3.6)	— (†)	53 <sup>3,4</sup> (3.8)	— (†)	6 <sup>1,3,4</sup> (1.8)	— (†)
Egypt	— (†)	49 (4.2)	— (†)	45 (4.2)	— (†)	6 <sup>1</sup> (1.8)
England (United Kingdom)	76 (3.7)	50 (3.9)	24 (3.7)	44 (3.8)	# (†)	6 <sup>1</sup> (2.0)
Finland	37 (3.1)	— (†)	60 (3.1)	— (†)	3 <sup>1</sup> (1.0)	— (†)
France	40 (3.6)	— (†)	54 (3.8)	— (†)	6 (1.6)	— (†)
Georgia <sup>5</sup>	62 (3.8)	45 <sup>3</sup> (4.3)	37 (3.9)	53 <sup>3</sup> (4.1)	± (†)	± (†)
Germany	46 (3.2)	— (†)	50 (3.1)	— (†)	5 <sup>1</sup> (1.5)	— (†)
Hong Kong (China)	64 <sup>4</sup> (4.5)	56 (4.9)	34 <sup>4</sup> (4.5)	43 (4.9)	± (†)	1 (0.2)
Hungary	46 (3.9)	41 (3.8)	48 (3.9)	52 (3.7)	6 <sup>1</sup> (2.2)	7 (1.7)
Indonesia	89 (2.1)	— (†)	11 (2.1)	— (†)	# (†)	— (†)
Iran, Islamic Republic of	70 (2.5)	54 (3.3)	27 (2.5)	40 (3.4)	3 <sup>1</sup> (1.1)	6 (1.5)
Ireland	83 (2.7)	70 (2.7)	14 (2.7)	26 (2.4)	± (†)	4 <sup>1</sup> (1.3)
Israel	— (†)	60 <sup>7</sup> (2.9)	— (†)	35 <sup>7</sup> (2.9)	± (†)	5 <sup>7</sup> (0.9)
Italy <sup>5</sup>	53 (3.3)	17 (3.0)	44 (3.3)	75 (3.1)	3 <sup>1</sup> (1.5)	8 (1.7)
Japan	7 (1.8)	14 (2.5)	83 (2.5)	73 (3.4)	9 (2.2)	14 (2.6)
Jordan	52 (3.9)	41 (4.0)	39 (3.9)	48 (4.0)	9 (2.1)	11 (3.0)
Kazakhstan	75 (3.7)	61 (4.0)	25 (3.7)	38 (4.0)	# (†)	# (†)
Korea, Republic of	44 (3.7)	27 (2.8)	54 (3.6)	64 (3.1)	± (†)	8 (2.2)
Kuwait	55 (3.5)	55 (4.1)	41 (3.4)	41 (4.1)	± (†)	4 <sup>1</sup> (1.4)
Lebanon	— (†)	67 (4.4)	— (†)	30 (4.3)	— (†)	3 <sup>1</sup> (1.5)
Lithuania <sup>3</sup>	57 (4.3)	49 (4.1)	42 (4.2)	46 (4.3)	± (†)	5 <sup>1</sup> (1.9)
Malaysia	— (†)	35 (3.6)	— (†)	62 (3.5)	— (†)	4 <sup>1</sup> (1.9)
Malta	— (†)	48 (0.1)	— (†)	46 (0.1)	— (†)	6 (0.1)
Morocco	43 (2.9)	26 (2.8)	47 (3.1)	52 (3.7)	11 (1.8)	23 (2.4)
Netherlands	60 <sup>4,8</sup> (3.7)	— (†)	39 <sup>4,8</sup> (3.8)	— (†)	1 <sup>4,8</sup> (1.1)	— (†)
New Zealand	71 (2.5)	50 <sup>4</sup> (3.6)	26 (2.2)	42 <sup>4</sup> (3.5)	3 (0.8)	8 <sup>4</sup> (1.4)
Northern Ireland (United Kingdom)	85 <sup>8,9</sup> (3.1)	— (†)	15 <sup>8,9</sup> (3.1)	— (†)	# <sup>8,9</sup> (†)	— (†)
Norway <sup>10</sup>	72 (3.0)	72 (3.4)	24 (2.9)	28 (3.3)	4 <sup>1</sup> (1.4)	# (†)
Oman	64 (2.9)	52 (3.1)	33 (3.0)	46 (3.1)	3 <sup>1</sup> (1.1)	2 <sup>1</sup> (1.0)
Poland	50 (3.8)	— (†)	48 (3.6)	— (†)	2 <sup>1</sup> (0.9)	— (†)
Portugal	65 <sup>3</sup> (3.4)	— (†)	32 <sup>3</sup> (3.5)	— (†)	3 <sup>1,3</sup> (1.1)	— (†)
Qatar	77 (3.2)	75 (2.8)	21 (3.2)	23 (2.8)	± (†)	2 <sup>1</sup> (0.9)
Russian Federation	55 (3.8)	57 (2.9)	43 (3.9)	42 (2.8)	2 <sup>1</sup> (0.9)	2 <sup>1</sup> (1.0)
Saudi Arabia	59 (3.0)	48 (4.6)	34 (3.2)	42 (4.4)	7 <sup>1</sup> (2.0)	10 (2.5)
Serbia	52 <sup>7</sup> (3.5)	— (†)	41 <sup>7</sup> (3.6)	— (†)	7 <sup>7</sup> (1.6)	— (†)
Singapore <sup>3</sup>	63 (2.6)	59 (2.3)	35 (2.6)	38 (2.2)	2 <sup>1</sup> (0.6)	3 <sup>1</sup> (0.9)
Slovak Republic	53 (3.3)	— (†)	44 (3.3)	— (†)	3 <sup>1</sup> (1.0)	— (†)
Slovenia	29 (3.2)	19 (2.4)	64 (3.4)	71 (2.7)	7 (1.6)	10 (1.7)
Spain	76 <sup>3</sup> (2.6)	— (†)	21 <sup>3</sup> (2.6)	— (†)	3 <sup>1,3</sup> (1.0)	— (†)
Sweden	37 <sup>3</sup> (4.3)	31 (3.8)	57 <sup>3</sup> (4.4)	63 (4.0)	6 <sup>1,3</sup> (1.9)	6 <sup>1</sup> (1.9)
Thailand	— (†)	44 (3.5)	— (†)	51 (3.8)	— (†)	6 <sup>1</sup> (1.8)
Turkey	49 (3.3)	30 (3.6)	44 (3.3)	47 (3.9)	7 (1.6)	23 (2.9)
United Arab Emirates	62 (1.8)	67 (2.0)	35 (1.8)	32 (1.9)	3 (0.8)	2 (0.5)
United States <sup>4</sup>	55 <sup>3</sup> (2.5)	46 (3.0)	38 <sup>3</sup> (2.3)	41 (2.7)	7 <sup>3</sup> (1.4)	13 (2.0)
<b>Benchmarking education systems</b>						
Abu Dhabi (United Arab Emirates)	51 <sup>3</sup> (4.2)	56 (4.3)	44 <sup>3</sup> (4.1)	43 (4.3)	5 <sup>1,3</sup> (1.8)	1 <sup>1</sup> (0.4)
Buenos Aires (Argentina)	— (†)	— <sup>4</sup> (†)	— (†)	— <sup>4</sup> (†)	— (†)	— (†)
Dubai (United Arab Emirates)	69 (2.4)	80 (1.7)	31 (2.4)	19 (1.8)	1 <sup>1</sup> (0.4)	2 <sup>1</sup> (0.8)
Florida <sup>8,11</sup> (United States)	53 (4.8)	34 <sup>6</sup> (7.5)	34 (5.3)	51 <sup>6</sup> (6.8)	13 (3.1)	15 <sup>1,6</sup> (4.5)
Ontario (Canada)	52 (3.2)	53 (3.9)	45 (3.2)	43 (3.9)	3 <sup>1</sup> (0.9)	5 (1.3)
Quebec <sup>12</sup> (Canada)	48 (5.3)	41 (5.7)	49 (5.6)	55 (5.8)	± (†)	± (†)

—Not available.  
†Not applicable.  
#Rounds to zero.  
!Interpret data with caution. The coefficient of variation (CV) for this estimate is between 30 and 50 percent.  
±Reporting standards not met. The coefficient of variation (CV) for this estimate is 50 percent or greater.  
<sup>1</sup>Most of the education systems represent complete countries, but some represent subnational entities; examples include the Flemish community of Belgium, two components of the United Kingdom (England and Northern Ireland), a few individual cities (such as Abu Dhabi within the United Arab Emirates), and the U.S. state of Florida.  
<sup>2</sup>The international average includes only education systems that are members of the International Association for the Evaluation of Educational Achievement (IEA), which develops and implements the Trends in International Mathematics and Science Study (TIMSS) at the international level. In this table, the fourth-grade international average includes grade 5 data from South Africa, and the eighth-grade international average includes grade 9 data from Botswana; these IEA countries are not shown separately because they did not participate at the target grade levels. "Benchmarking" education systems are not members of the IEA and are therefore not included in the average.  
<sup>3</sup>National Defined Population covers 90 to 95 percent of the National Target Population.  
<sup>4</sup>Met guidelines for sample participation rates only after replacement schools were included.  
<sup>5</sup>Fourth-grade data include only students from the provinces of Alberta, Manitoba, Newfoundland, Ontario, and Quebec. Eighth-grade data include only students from the provinces of Manitoba, Newfoundland, Ontario, and Quebec.

<sup>6</sup>National Target Population does not include all of the International Target Population.  
<sup>7</sup>National Defined Population covers less than 90 percent of the National Target Population (but at least 77 percent).  
<sup>8</sup>Data are available for at least 70 percent but less than 85 percent of the students.  
<sup>9</sup>Nearly satisfied guidelines for sample participation rates after replacement schools were included.  
<sup>10</sup>Norway collected data from students in their fifth and ninth year of schooling rather than in grades 4 and 8 because year 1 in Norway is considered the equivalent of kindergarten rather than the first year of primary school.  
<sup>11</sup>U.S. state-level data are based on public school students only.  
<sup>12</sup>Did not satisfy guidelines for sample participation rates.  
NOTE: Teachers responded to a series of questions about different aspects of their schools' safety and orderliness; their responses were collapsed into the single frequency scale shown in this table. TIMSS required countries and other education systems to draw probability samples of students who were nearing the end of their fourth and eighth years of formal schooling (counting the first year of primary school as year 1), provided that the mean age at the time of testing was at least 9.5 years for fourth-year students and 13.5 years for eighth-year students. Detail may not sum to totals because of rounding.  
SOURCE: International Association for the Evaluation of Educational Achievement (IEA), Trends in International Mathematics and Science Study (TIMSS), 2015. (This table was prepared December 2016.)

**Table 602.86. Percentage distribution of fourth- and eighth-graders, by severity of school discipline problems reported by their principal and country or other education system: 2015**

[Standard errors appear in parentheses]

Country or other education system <sup>1</sup>	Hardly any problems		Minor problems		Moderate to severe problems	
	Fourth grade	Eighth grade	Fourth grade	Eighth grade	Fourth grade	Eighth grade
1	2	3	4	5	6	7
<b>International average<sup>2</sup></b> .....	<b>60 (0.5)</b>	<b>43 (0.6)</b>	<b>31 (0.5)</b>	<b>45 (0.6)</b>	<b>10 (0.3)</b>	<b>11 (0.4)</b>
Australia .....	64 (3.4)	48 (3.2)	30 (3.4)	51 (3.2)	‡ (†)	‡ (†)
Bahrain .....	59 <sup>3</sup> (0.2)	51 (0.2)	26 <sup>3</sup> (0.2)	36 (0.2)	14 <sup>3</sup> (0.1)	13 (0.2)
Belgium (Flemish) .....	68 <sup>4</sup> (3.6)	— (†)	31 <sup>4</sup> (3.8)	— (†)	1 <sup>4</sup> (1.1)	— (†)
Bulgaria .....	72 (4.2)	— (†)	20 (3.8)	— (†)	8! (2.9)	— (†)
Canada <sup>4,5,6</sup> .....	66 <sup>3</sup> (3.1)	45 (4.1)	31 <sup>3</sup> (2.9)	54 (4.1)	2! <sup>3</sup> (1.0)	‡ (†)
Chile .....	46 (4.0)	29 (3.8)	47 (4.3)	58 (3.9)	6! (2.2)	13 (3.0)
Chinese Taipei .....	70 (4.1)	57 (3.8)	28 (3.8)	42 (3.7)	‡ (†)	‡ (†)
Croatia .....	76 (4.1)	— (†)	24 (4.1)	— (†)	# (†)	— (†)
Cyprus .....	50 (4.8)	— (†)	42 (4.5)	— (†)	8! (2.6)	— (†)
Czech Republic .....	65 (3.6)	— (†)	31 (3.5)	— (†)	4! (1.8)	— (†)
Denmark .....	53 <sup>3,4,7</sup> (4.3)	— (†)	45 <sup>3,4,7</sup> (4.4)	— (†)	1 <sup>3,4,7</sup> (1.0)	— (†)
Egypt .....	— (†)	19 (3.4)	— (†)	42 (3.6)	— (†)	40 (3.6)
England (United Kingdom) .....	78 (3.7)	73 <sup>7</sup> (4.5)	21 (3.6)	27 <sup>7</sup> (4.5)	‡ (†)	# <sup>7</sup> (†)
Finland .....	68 (3.8)	— (†)	31 (3.7)	— (†)	1 (1.0)	— (†)
France .....	58 (4.6)	— (†)	33 (4.3)	— (†)	9! (2.7)	— (†)
Georgia <sup>6</sup> .....	70 (3.9)	57 <sup>3</sup> (3.8)	22 (3.5)	40 <sup>3</sup> (3.8)	8! (2.6)	31 <sup>3</sup> (1.0)
Germany .....	39 (3.8)	— (†)	50 (3.7)	— (†)	10 (2.4)	— (†)
Hong Kong (China) .....	71 <sup>4</sup> (4.6)	66 (4.5)	29 <sup>4</sup> (4.6)	33 (4.6)	# <sup>4</sup> (†)	1 (1.1)
Hungary .....	55 (3.7)	29 (3.9)	37 (3.6)	63 (4.1)	8 (1.7)	8 (2.1)
Indonesia .....	18 (2.9)	— (†)	28 (3.3)	— (†)	54 (3.6)	— (†)
Iran, Islamic Republic of .....	65 (3.5)	55 (3.4)	26 (3.3)	41 (3.4)	9 (2.4)	4 (1.1)
Ireland .....	84 (3.3)	64 (3.9)	14 (3.1)	34 (4.0)	‡ (†)	‡ (†)
Israel .....	— (†)	26 <sup>8</sup> (3.6)	— (†)	61 <sup>8</sup> (3.6)	— (†)	13 <sup>8</sup> (2.3)
Italy <sup>9</sup> .....	60 (4.5)	27 (4.2)	25 (3.7)	61 (4.5)	15 (3.0)	12 (2.6)
Japan .....	74 (3.2)	54 (3.9)	20 (3.0)	37 (4.2)	6! (2.0)	9 (2.3)
Jordan .....	36 (4.0)	34 (3.5)	40 (3.9)	43 (3.9)	24 (3.2)	23 (3.3)
Kazakhstan .....	71 (3.9)	65 (4.2)	13 (2.7)	18 (3.3)	15 (2.8)	17 (3.2)
Korea, Republic of .....	81 (3.4)	55 (4.7)	14 (3.0)	38 (4.6)	5! (1.8)	7! (2.3)
Kuwait .....	25 (3.9)	27 (3.3)	40 (4.4)	50 (4.0)	35 (3.5)	23 (3.5)
Lebanon .....	— (†)	51 (4.6)	— (†)	29 (4.3)	— (†)	20 (3.5)
Lithuania <sup>3</sup> .....	79 (3.4)	40 (4.2)	20 (3.4)	57 (4.2)	1 (1.0)	‡ (†)
Malaysia .....	— (†)	50 (4.6)	— (†)	48 (4.4)	— (†)	‡ (†)
Malta .....	— (†)	50 (0.1)	— (†)	45 (0.1)	— (†)	5 (0.1)
Morocco .....	21 (3.0)	13 (2.1)	30 (3.0)	34 (3.4)	49 (3.2)	53 (3.2)
Netherlands .....	83 <sup>4,9</sup> (4.1)	— (†)	17 <sup>4,9</sup> (4.1)	— (†)	# <sup>4,9</sup> (†)	— (†)
New Zealand .....	71 (2.8)	31 <sup>4</sup> (4.6)	28 (2.9)	66 <sup>4</sup> (4.6)	‡ (†)	31 <sup>4</sup> (1.5)
Northern Ireland (United Kingdom) .....	78 <sup>7,10</sup> (4.0)	— (†)	22 <sup>7,10</sup> (4.0)	— (†)	# <sup>7,10</sup> (†)	— (†)
Norway <sup>11</sup> .....	74 (4.3)	67 (4.5)	25 (4.2)	33 (4.5)	‡ (†)	# (†)
Oman .....	34 (3.4)	50 (3.9)	36 (3.0)	27 (3.6)	29 (2.8)	23 (3.1)
Poland .....	52 (3.6)	— (†)	45 (3.8)	— (†)	3! (1.4)	— (†)
Portugal .....	43 <sup>3</sup> (4.5)	— (†)	46 <sup>3</sup> (4.7)	— (†)	11 <sup>3</sup> (2.6)	— (†)
Qatar .....	63 (3.0)	51 (0.7)	26 (2.8)	34 (0.7)	11 (1.8)	15 (0.3)
Russian Federation .....	67 (3.9)	56 (3.7)	32 (3.9)	43 (3.5)	# (†)	‡ (†)
Saudi Arabia .....	49 (3.9)	49 (4.3)	26 (3.1)	31 (3.9)	25 (3.4)	20 (3.5)
Serbia .....	56 <sup>8</sup> (4.3)	— (†)	35 <sup>8</sup> (3.8)	— (†)	9 <sup>8</sup> (2.0)	— (†)
Singapore <sup>3</sup> .....	72 (#)	74 (#)	28 (#)	26 (#)	# (†)	# (†)
Slovak Republic .....	63 (3.6)	— (†)	32 (3.4)	— (†)	5! (1.7)	— (†)
Slovenia .....	52 (4.3)	32 (3.6)	45 (4.5)	63 (3.7)	3! (1.3)	5! (1.8)
Spain .....	70 <sup>3</sup> (3.4)	— (†)	22 <sup>3</sup> (3.0)	— (†)	8 <sup>3</sup> (1.5)	— (†)
Sweden .....	49 <sup>3</sup> (4.1)	26 (4.3)	40 <sup>3</sup> (4.0)	70 (4.6)	10 <sup>3</sup> (2.6)	4! (1.8)
Thailand .....	— (†)	42 (4.0)	— (†)	53 (4.0)	— (†)	5! (1.7)
Turkey .....	44 (3.5)	19 (2.6)	29 (3.2)	49 (3.8)	26 (2.9)	32 (3.4)
United Arab Emirates .....	61 (2.4)	54 (2.3)	31 (2.5)	40 (2.2)	8 (1.2)	6 (0.9)
United States <sup>4</sup> .....	69 <sup>3</sup> (3.3)	34 (3.0)	29 <sup>3</sup> (3.3)	64 (3.4)	31 <sup>3</sup> (0.9)	2! (1.0)
<b>Benchmarking education systems</b>						
Abu Dhabi (United Arab Emirates) .....	51 <sup>3</sup> (4.6)	41 (4.2)	41 <sup>3</sup> (4.7)	53 (4.1)	8! <sup>3</sup> (2.5)	7 (1.7)
Buenos Aires <sup>9</sup> (Argentina) .....	53 (5.7)	21 <sup>4</sup> (4.2)	35 (5.5)	61 <sup>4</sup> (5.7)	13! (3.8)	18 <sup>4</sup> (4.4)
Dubai (United Arab Emirates) .....	83 (0.2)	76 (0.3)	14 (0.2)	22 (0.3)	3 (0.1)	2 (0.1)
Florida <sup>12</sup> (United States) .....	57 <sup>7</sup> (8.1)	29 <sup>6,9</sup> (8.2)	39 <sup>7</sup> (8.3)	71 <sup>6,9</sup> (8.2)	‡ (†)	# <sup>6,9</sup> (†)
Ontario (Canada) .....	58 (5.5)	39 (5.3)	38 (5.3)	59 (5.2)	4! (1.7)	‡ (†)
Quebec <sup>13</sup> (Canada) .....	77 (4.8)	56 (6.1)	23 (4.8)	44 (6.1)	# (†)	‡ (†)

—Not available.

†Not applicable.

#Rounds to zero.

!Interpret data with caution. The coefficient of variation (CV) for this estimate is between 30 and 50 percent.

‡Reporting standards not met. The coefficient of variation (CV) for this estimate is 50 percent or greater.

<sup>1</sup>Most of the education systems represent complete countries, but some represent subnational entities; examples include the Flemish community of Belgium, two components of the United Kingdom (England and Northern Ireland), a few individual cities (such as Abu Dhabi within the United Arab Emirates), and the U.S. state of Florida.

<sup>2</sup>The international average includes only education systems that are members of the International Association for the Evaluation of Educational Achievement (IEA), which develops and implements the Trends in International Mathematics and Science Study (TIMSS) at the international level. In this table, the fourth-grade international average includes grade 5 data from South Africa, and the eighth-grade international average includes grade 9 data from Botswana; these IEA countries are not shown separately because they did not participate at the target grade levels. <sup>3</sup>Benchmarking education systems are not members of the IEA and are therefore not included in the average.

<sup>4</sup>National Defined Population covers 90 to 95 percent of the National Target Population.

<sup>5</sup>Met guidelines for sample participation rates only after replacement schools were included.

<sup>6</sup>Fourth-grade data include only students from the provinces of Alberta, Manitoba, Newfoundland, Ontario, and Quebec. Eighth-grade data include only students from the provinces of Manitoba, Newfoundland, Ontario, and Quebec.

<sup>9</sup>National Target Population does not include all of the International Target Population.

<sup>7</sup>Data are available for at least 70 percent but less than 85 percent of the students.

<sup>8</sup>National Defined Population covers less than 90 percent of the National Target Population (but at least 77 percent).

<sup>10</sup>Data are available for at least 50 percent but less than 70 percent of the students.

<sup>11</sup>Norway collected data from students in their fifth and ninth year of schooling rather than in grades 4 and 8 because year 1 in Norway is considered the equivalent of kindergarten rather than the first year of primary school.

<sup>12</sup>U.S. state-level data are based on public school students only.

<sup>13</sup>Did not satisfy guidelines for sample participation rates.

NOTE: Principals responded to a series of questions about the extent of different types of discipline problems among fourth- and eighth-graders at their school, and their responses were collapsed into the single discipline-problem scale shown in this table. TIMSS required countries and other education systems to draw probability samples of students who were nearing the end of their fourth and eighth years of formal schooling (counting the first year of primary school as year 1), provided that the mean age at the time of testing was at least 9.5 years for fourth-year students and 13.5 years for eighth-year students. Detail may not sum to totals because of rounding.

SOURCE: International Association for the Evaluation of Educational Achievement (IEA), Trends in International Mathematics and Science Study (TIMSS), 2015. (This table was prepared December 2016.)

**Table 602.90a. Percentage distribution of 15-year-old students, by extent to which their schools reported that student learning is hindered by student absenteeism or truancy and country: Selected years, 2000 through 2015**

[Standard errors appear in parentheses]

Country	Learning hindered by student absenteeism									Learning hindered by student truancy					
	2000			2003			2009			2012			2015		
	Not at all	Very little	To some extent/a lot	Not at all	Very little	To some extent/a lot	Not at all	Very little	To some extent/a lot	Not at all	Very little	To some extent/a lot	Not at all	Very little	To some extent/a lot
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
<b>OECD average<sup>1</sup></b>	<b>13 (0.4)</b>	<b>38 (0.7)</b>	<b>49 (0.7)</b>	<b>11 (0.4)</b>	<b>38 (0.7)</b>	<b>51 (0.7)</b>	<b>11 (0.4)</b>	<b>40 (0.6)</b>	<b>49 (0.5)</b>	<b>17 (0.4)</b>	<b>51 (0.6)</b>	<b>32 (0.5)</b>	<b>14 (0.4)</b>	<b>52 (0.6)</b>	<b>34 (0.5)</b>
Australia .....	13 (1.6)	45 (3.4)	42 (3.4)	10 (1.9)	38 (3.1)	52 (2.8)	10 (1.6)	42 (3.0)	48 (2.5)	21 (1.7)	47 (2.1)	32 (1.6)	22 (1.7)	51 (1.9)	28 (1.3)
Austria .....	5 (1.4)	39 (3.7)	56 (3.6)	8 (2.1)	39 (4.1)	53 (4.0)	7! (2.2)	36 (4.2)	56 (4.2)	13 (2.6)	43 (3.9)	44 (3.9)	8 (1.7)	43 (3.3)	49 (3.3)
Belgium .....	36 (2.7)	38 (3.3)	26 (2.6)	27 (2.8)	40 (2.9)	34 (2.7)	29 (2.7)	40 (3.0)	31 (2.2)	24 (2.6)	45 (3.0)	30 (2.5)	15 (2.3)	55 (3.1)	29 (2.4)
Canada .....	4 (0.6)	39 (1.8)	57 (1.8)	4 (0.8)	30 (2.5)	65 (2.6)	4 (0.7)	27 (1.8)	69 (1.8)	4 (0.6)	35 (2.5)	61 (2.4)	6 (1.3)	39 (2.8)	56 (2.7)
Chile .....	14 (2.7)	44 (3.9)	42 (3.5)	— (†)	— (†)	— (†)	11 (2.5)	32 (3.8)	57 (3.7)	35 (3.5)	48 (4.0)	17 (2.5)	28 (3.1)	54 (3.4)	18 (2.8)
Czech Republic .....	14 (3.2)	31 (3.1)	54 (3.7)	3! (1.0)	32 (3.1)	65 (3.2)	5! (1.8)	33 (3.3)	63 (3.5)	40 (3.4)	44 (3.7)	16 (2.5)	25 (2.1)	51 (2.8)	24 (2.2)
Denmark .....	22 (3.0)	58 (3.4)	20 (2.5)	10 (2.1)	51 (3.8)	39 (3.7)	15 (2.7)	47 (3.8)	38 (3.5)	8 (2.3)	58 (3.6)	33 (3.5)	13 (2.3)	51 (3.3)	36 (2.6)
Estonia .....	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	9 (1.7)	42 (3.3)	50 (3.3)	12 (2.0)	51 (3.1)	36 (2.7)	11 (2.0)	52 (2.8)	37 (2.6)
Finland .....	‡ (†)	26 (3.8)	73 (3.9)	‡ (†)	42 (3.7)	56 (3.7)	‡ (†)	26 (3.6)	73 (3.6)	4! (1.5)	48 (3.7)	48 (3.5)	4! (1.3)	52 (4.2)	44 (3.8)
France .....	25 (3.2)	47 (3.8)	28 (3.8)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	16 (2.0)	46 (3.4)	38 (3.1)	7 (1.9)	46 (3.5)	46 (3.7)
Germany .....	14 (2.5)	52 (3.1)	35 (3.1)	16 (3.1)	49 (4.1)	35 (3.0)	27 (2.9)	50 (3.9)	23 (3.2)	17 (2.8)	63 (3.2)	20 (2.4)	9 (1.9)	68 (3.7)	23 (3.1)
Greece .....	3! (1.3)	14 (3.3)	83 (3.5)	6! (2.3)	28 (4.9)	66 (5.6)	13 (2.7)	49 (4.4)	39 (4.2)	14 (2.7)	56 (3.8)	31 (3.5)	13 (2.3)	61 (3.5)	26 (3.1)
Hungary .....	6! (1.9)	34 (3.3)	60 (3.7)	8 (1.9)	36 (3.2)	56 (3.3)	15 (3.2)	33 (3.6)	52 (3.7)	37 (3.2)	42 (3.5)	21 (2.3)	34 (3.0)	43 (3.5)	23 (2.5)
Iceland .....	9 (0.1)	43 (0.2)	48 (0.2)	24 (0.2)	38 (0.2)	38 (0.2)	19 (0.2)	55 (0.3)	26 (0.2)	29 (0.2)	64 (0.3)	7 (0.2)	24 (0.2)	58 (0.3)	18 (0.2)
Ireland .....	3! (1.4)	29 (4.4)	68 (4.4)	5! (1.9)	32 (4.4)	63 (4.4)	7! (2.4)	32 (3.8)	61 (4.0)	7 (1.9)	46 (3.8)	47 (4.0)	7! (2.2)	41 (4.1)	51 (4.1)
Israel .....	6! (1.9)	22 (3.7)	72 (4.1)	— (†)	— (†)	— (†)	7 (2.0)	39 (4.0)	54 (3.7)	8 (2.0)	44 (3.8)	47 (3.9)	5 (1.4)	46 (4.3)	49 (4.3)
Italy .....	8! (2.4)	27 (3.5)	65 (3.9)	7 (1.7)	25 (3.1)	68 (3.3)	11 (1.3)	39 (2.1)	49 (1.7)	18 (1.8)	47 (2.1)	35 (2.0)	11 (2.1)	54 (3.3)	36 (3.1)
Japan .....	19 (3.1)	42 (4.1)	39 (4.3)	15 (3.2)	46 (4.4)	39 (3.8)	15 (2.5)	52 (3.6)	33 (3.1)	34 (3.5)	56 (3.7)	10 (2.0)	22 (2.8)	64 (3.0)	14 (2.3)
Korea, Republic of .....	61 (3.2)	20 (3.1)	20 (2.7)	64 (3.9)	18 (3.2)	17 (3.0)	31 (3.3)	48 (4.2)	21 (3.9)	25 (3.6)	47 (3.9)	28 (3.7)	21 (3.0)	55 (4.0)	24 (3.1)
Latvia .....	‡ (†)	28 (3.8)	67 (4.7)	‡ (†)	19 (3.5)	79 (3.4)	5! (1.8)	27 (3.5)	68 (3.5)	8 (2.0)	43 (3.6)	49 (3.2)	4 (1.0)	52 (2.9)	44 (2.8)
Luxembourg .....	7 (#)	52 (0.2)	41 (0.2)	13 (0.0)	48 (0.1)	39 (0.1)	13 (0.1)	47 (0.1)	40 (0.1)	8 (0.1)	65 (0.1)	27 (0.1)	8 (0.1)	42 (0.1)	50 (0.1)
Mexico .....	6 (1.7)	41 (4.3)	53 (4.2)	10 (1.8)	46 (3.1)	44 (2.9)	12 (1.2)	48 (1.9)	40 (1.9)	11 (1.2)	51 (1.9)	38 (1.8)	6 (1.3)	47 (3.2)	48 (3.2)
Netherlands .....	‡ (†)	‡ (†)	‡ (†)	9 (2.4)	47 (4.6)	43 (4.3)	8 (2.1)	58 (4.3)	34 (4.1)	10 (2.7)	65 (3.9)	25 (2.9)	5! (2.3)	66 <sup>2</sup> (4.7)	28 <sup>2</sup> (4.4)
New Zealand .....	7 (1.8)	42 (3.4)	51 (3.2)	4! (1.3)	32 (3.0)	63 (2.9)	9 (1.5)	37 (2.8)	54 (2.6)	9 (2.1)	49 (3.7)	42 (3.3)	11 (1.6)	48 (3.8)	41 (3.4)
Norway .....	13 (2.8)	52 (3.8)	36 (3.5)	6! (1.8)	57 (3.9)	37 (3.7)	7 (2.0)	57 (3.5)	37 (3.4)	19 (2.7)	61 (3.5)	20 (2.8)	18 (2.6)	62 (4.0)	20 (3.3)
Poland .....	6! (2.5)	34 (4.6)	60 (5.0)	4! (1.6)	49 (3.8)	47 (3.6)	5! (1.6)	35 (3.7)	61 (3.8)	16 (2.3)	56 (4.1)	28 (3.8)	17 (2.7)	56 (3.9)	27 (3.4)
Portugal .....	6! (2.1)	32 (4.1)	62 (4.0)	5! (1.6)	33 (3.9)	61 (4.1)	14 (2.9)	43 (3.8)	44 (3.5)	17 (3.4)	50 (4.0)	33 (3.5)	10 (1.9)	49 (3.7)	41 (3.5)
Slovak Republic .....	— (†)	— (†)	— (†)	4! (1.4)	34 (3.3)	61 (3.3)	6! (1.9)	26 (3.6)	68 (3.7)	18 (2.4)	47 (3.7)	35 (3.3)	24 (2.6)	45 (3.1)	32 (2.8)
Slovenia .....	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	4 (0.2)	26 (0.5)	71 (0.5)	3 (0.3)	43 (0.6)	54 (0.5)	4 (0.3)	43 (0.5)	53 (0.5)
Spain .....	29 (3.4)	34 (3.7)	37 (3.3)	20 (2.8)	36 (3.8)	44 (3.2)	23 (2.1)	44 (2.2)	33 (2.5)	32 (2.4)	48 (3.5)	20 (2.4)	25 (2.7)	48 (3.8)	27 (3.1)
Sweden .....	7 (2.0)	50 (4.3)	43 (4.2)	5! (1.6)	46 (4.2)	48 (4.1)	7! (2.1)	41 (3.4)	51 (3.8)	9 (1.9)	62 (3.5)	29 (3.3)	11 (2.1)	61 (4.0)	27 (3.5)
Switzerland .....	23 (3.1)	51 (4.0)	26 (3.3)	20 (2.5)	53 (4.4)	27 (4.2)	23 (3.5)	50 (3.7)	27 (3.2)	20 (3.2)	62 (3.3)	18 (2.6)	17 (2.4)	55 (3.8)	27 (3.2)
Turkey .....	— (†)	— (†)	— (†)	5! (1.9)	25 (4.3)	70 (4.6)	‡ (†)	11 (2.4)	86 (2.7)	‡ (†)	35 (3.2)	63 (3.2)	‡ (†)	47 (4.0)	51 (3.8)
United Kingdom .....	‡ (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	7 (0.9)	55 (2.9)	38 (2.8)	29 (2.8)	63 (3.1)	8 (1.7)	27 (3.2)	63 (3.5)	10 (2.2)
United States .....	‡ (†)	38 <sup>2</sup> (4.3)	58 <sup>2</sup> (4.2)	4! (1.2)	27 <sup>2</sup> (3.0)	69 <sup>2</sup> (3.1)	4! (1.7)	39 (3.9)	56 (3.8)	14 (2.6)	45 (4.1)	40 (3.8)	8 (1.9)	46 (3.5)	46 (3.2)

—Not available.

†Not applicable.

#Rounds to zero.

!Interpret data with caution. The coefficient of variation (CV) for this estimate is between 30 and 50 percent.

‡Reporting standards not met. Either there are too few cases for a reliable estimate or the coefficient of variation (CV) is 50 percent or greater.

<sup>1</sup>Refers to the mean of the data values for all reporting Organization for Economic Cooperation and Development (OECD) countries, to which each country reporting data contributes equally. This table includes only the OECD countries.

<sup>2</sup>The item response rate is below 85 percent. Missing data have not been explicitly accounted for.

NOTE: This table is based on a question that changed in 2012. Prior to 2012, the question asked about learning being hindered by “student absenteeism.” Since 2012, the question has referred to “student truancy.” Responses to the school questionnaire were provided by the principal or someone designated by the principal. The Program for International Student Assessment (PISA) has been conducted every 3 years since 2000. However, data on school environment were not collected in PISA 2006. Detail may not sum to totals because of rounding.  
SOURCE: Organization for Economic Cooperation and Development (OECD), Program for International Student Assessment (PISA), 2000, 2003, 2009, 2012, and 2015. Retrieved September 20, 2017, from the International Data Explorer (<https://nces.ed.gov/surveys/pisa/idepisa/>). (This table was prepared September 2017.)

**Table 602.90b. Percentage distribution of 15-year-old students, by extent to which their schools reported that student learning is hindered by students skipping classes and country: Selected years, 2000 through 2015**

[Standard errors appear in parentheses]

Country	2000			2003			2009			2012			2015		
	Not at all	Very little	To some extent/a lot	Not at all	Very little	To some extent/a lot	Not at all	Very little	To some extent/a lot	Not at all	Very little	To some extent/a lot	Not at all	Very little	To some extent/a lot
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
<b>OECD average<sup>1</sup></b>	<b>21 (0.5)</b>	<b>44 (0.7)</b>	<b>34 (0.6)</b>	<b>20 (0.5)</b>	<b>48 (0.7)</b>	<b>33 (0.6)</b>	<b>17 (0.4)</b>	<b>49 (0.6)</b>	<b>33 (0.5)</b>	<b>16 (0.4)</b>	<b>53 (0.5)</b>	<b>31 (0.5)</b>	<b>14 (0.4)</b>	<b>53 (0.6)</b>	<b>33 (0.5)</b>
Australia	28 (3.3)	51 (3.6)	20 (3.0)	22 (2.3)	58 (2.9)	20 (2.2)	25 (2.4)	52 (3.1)	23 (2.3)	21 (1.6)	54 (2.1)	25 (1.6)	24 (1.7)	55 (2.1)	22 (1.3)
Austria	10 (2.0)	47 (3.9)	43 (3.7)	18 (2.9)	39 (4.2)	43 (3.8)	11 (2.3)	49 (3.6)	40 (4.0)	14 (2.6)	46 (3.6)	41 (3.8)	12 (2.3)	44 (3.2)	43 (3.3)
Belgium	39 (3.2)	39 (3.5)	22 (2.7)	39 (2.6)	40 (3.5)	21 (2.4)	31 (2.2)	49 (2.7)	21 (2.3)	24 (2.8)	56 (3.2)	20 (2.2)	15 (2.1)	62 (3.1)	24 (2.3)
Canada	8 (0.9)	47 (1.7)	45 (1.8)	7 (0.9)	36 (2.4)	58 (2.4)	8 (0.9)	34 (2.1)	58 (1.9)	7 (0.7)	36 (2.5)	57 (2.5)	9 (1.5)	40 (2.8)	51 (2.5)
Chile	35 (3.3)	46 (4.1)	19 (2.9)	— (†)	— (†)	— (†)	10 (2.2)	43 (4.0)	47 (4.1)	39 (3.0)	40 (3.4)	21 (2.7)	30 (3.5)	48 (3.9)	22 (3.4)
Czech Republic	38 (3.1)	40 (3.7)	22 (2.8)	26 (2.8)	49 (3.4)	24 (2.8)	18 (2.7)	57 (3.3)	25 (2.9)	12 (2.2)	48 (4.3)	40 (3.8)	3! (1.0)	38 (2.5)	59 (2.7)
Denmark	46 (3.1)	47 (3.1)	7 (1.7)	22 (3.0)	63 (3.6)	14 (2.3)	23 (2.8)	60 (3.4)	17 (2.4)	24 (3.3)	55 (3.6)	21 (3.0)	32 (3.5)	49 (4.0)	19 (2.3)
Estonia	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	5 (1.3)	32 (3.5)	63 (3.5)	9 (1.7)	54 (2.8)	37 (2.8)	8 (1.5)	55 (2.7)	37 (2.6)
Finland	‡ (†)	39 (3.9)	58 (3.9)	5! (1.5)	61 (3.8)	34 (3.8)	5! (1.7)	52 (4.4)	43 (4.3)	7 (1.9)	58 (3.1)	35 (2.8)	6 (1.7)	62 (4.4)	32 (4.2)
France	27 (3.4)	54 (3.9)	19 (3.2)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	24 (2.4)	48 (3.5)	28 (2.9)	13 (2.1)	57 (3.6)	31 (3.6)
Germany	17 (2.5)	57 (3.4)	26 (2.8)	19 (3.1)	55 (3.9)	25 (3.1)	29 (3.5)	55 (3.5)	16 (2.3)	18 (2.4)	65 (3.1)	17 (2.6)	11 (2.3)	70 (3.8)	19 (3.0)
Greece	14 (2.4)	20 (3.5)	66 (3.9)	15 (3.7)	38 (4.5)	46 (5.2)	18 (2.9)	54 (3.6)	28 (3.3)	20 (2.6)	58 (3.4)	22 (3.0)	22 (2.7)	57 (3.5)	21 (2.8)
Hungary	42 (3.8)	27 (3.2)	31 (3.7)	38 (3.7)	36 (4.2)	26 (3.9)	23 (3.4)	49 (4.5)	27 (3.3)	18 (2.6)	60 (3.7)	22 (2.6)	20 (2.7)	57 (3.4)	24 (2.8)
Iceland	15 (0.1)	45 (0.2)	40 (0.2)	31 (0.1)	41 (0.1)	28 (0.2)	23 (0.2)	57 (0.3)	20 (0.2)	25 (0.2)	67 (0.3)	8 (0.2)	25 (0.2)	57 (0.3)	18 (0.2)
Ireland	22 (3.5)	55 (4.6)	23 (3.7)	13 (3.1)	66 (4.3)	21 (3.8)	19 (3.8)	59 (4.7)	21 (4.1)	19 (3.0)	66 (3.8)	15 (3.0)	20 (3.3)	65 (4.0)	15 (3.1)
Israel	13! (4.9)	39 (5.4)	47 (6.1)	— (†)	— (†)	— (†)	10 (1.7)	48 (3.9)	42 (4.0)	11 (2.6)	47 (3.3)	42 (3.4)	5! (1.6)	53 (4.5)	42 (4.4)
Italy	16 (2.8)	21 (3.1)	63 (3.6)	8 (1.8)	29 (3.0)	63 (3.2)	6 (1.0)	45 (1.8)	49 (1.7)	8 (1.2)	55 (2.3)	37 (2.1)	5! (1.5)	58 (3.5)	38 (3.4)
Japan	41 (4.7)	41 (4.7)	18 (3.1)	34 (3.9)	44 (4.0)	23 (3.0)	38 (3.3)	51 (3.6)	11 (2.2)	38 (3.6)	53 (3.7)	10 (1.9)	35 (2.9)	54 (3.5)	11 (2.3)
Korea, Republic of	59 (3.3)	26 (3.7)	14 (2.7)	59 (3.8)	28 (3.8)	13 (2.9)	57 (4.3)	36 (4.3)	7! (2.3)	41 (3.8)	44 (4.1)	15 (2.9)	44 (3.4)	36 (3.5)	20 (3.1)
Latvia	4! (1.2)	27 (4.2)	69 (4.2)	8! (3.0)	35 (3.9)	57 (4.2)	22 (2.8)	46 (3.6)	32 (3.4)	10 (2.3)	49 (3.6)	41 (3.3)	9 (1.7)	55 (3.0)	36 (2.8)
Luxembourg	10 (#)	66 (#)	25 (#)	21 (#)	54 (0.1)	25 (0.1)	13 (0.1)	71 (0.1)	16 (0.1)	10 (0.1)	79 (0.1)	12 (0.1)	11 (0.1)	63 (0.1)	26 (0.1)
Mexico	19 (3.0)	48 (3.9)	33 (3.4)	25 (2.9)	42 (3.6)	32 (3.4)	24 (1.6)	50 (2.0)	26 (1.8)	13 (1.1)	54 (1.8)	33 (1.9)	9 (1.6)	55 (3.3)	36 (3.1)
Netherlands	‡ (†)	‡ (†)	‡ (†)	11 (2.7)	59 (4.2)	30 (4.0)	10 (2.3)	66 (4.7)	23 (4.1)	3! (1.2)	68 (3.5)	29 (3.3)	‡ (†)	63 <sup>2</sup> (4.4)	34 <sup>2</sup> (4.1)
New Zealand	11 (2.4)	61 (3.6)	28 (3.2)	8 (1.5)	54 (3.1)	38 (2.9)	10 (1.8)	57 (3.0)	33 (2.4)	11 (1.8)	56 (3.7)	33 (3.5)	11 (1.7)	49 (3.0)	39 (3.1)
Norway	20 (3.3)	59 (4.1)	21 (3.3)	11 (2.3)	69 (3.4)	20 (3.0)	13 (2.7)	65 (3.9)	22 (3.0)	11 (2.4)	60 (3.4)	30 (3.2)	16 (2.5)	62 (3.7)	23 (3.2)
Poland	10! (3.4)	34 (4.2)	55 (4.9)	8 (2.1)	48 (3.8)	45 (3.6)	13 (2.4)	48 (3.3)	38 (3.4)	5! (1.5)	55 (4.2)	40 (4.1)	6 (1.6)	50 (4.0)	44 (3.6)
Portugal	3! (1.3)	27 (3.8)	70 (3.7)	8 (2.0)	42 (3.9)	50 (4.0)	11 (2.9)	48 (4.2)	41 (3.8)	10 (2.5)	49 (3.8)	41 (3.9)	4! (1.6)	43 (3.9)	53 (3.7)
Slovak Republic	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	‡ (†)	23 (2.8)	75 (3.0)	‡ (†)	26 (2.9)	72 (3.2)	5 (1.3)	26 (2.7)	69 (2.9)
Slovenia	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	6 (0.3)	30 (0.5)	64 (0.5)	2 (0.1)	32 (0.6)	66 (0.6)	4 (0.2)	28 (0.5)	68 (0.5)
Spain	21 (2.6)	41 (4.2)	37 (3.4)	21 (2.5)	41 (3.9)	38 (3.2)	24 (2.1)	49 (2.8)	27 (2.5)	22 (2.3)	53 (3.1)	25 (2.4)	16 (2.2)	57 (3.4)	26 (2.8)
Sweden	4! (1.6)	67 (4.0)	29 (3.8)	10 (2.1)	62 (3.7)	28 (3.3)	11 (2.3)	50 (3.9)	39 (3.5)	4! (1.2)	56 (3.7)	40 (3.7)	4! (1.2)	49 (3.9)	47 (3.8)
Switzerland	26 (2.9)	59 (3.6)	14 (2.7)	29 (3.5)	60 (3.8)	11 (2.0)	26 (2.9)	56 (3.3)	18 (2.8)	18 (2.3)	64 (2.8)	17 (2.8)	16 (2.5)	59 (3.8)	25 (3.4)
Turkey	— (†)	— (†)	— (†)	26 (4.5)	29 (4.5)	45 (4.6)	10 (2.5)	12 (2.9)	78 (3.5)	7 (2.0)	39 (3.5)	54 (3.4)	4! (1.8)	55 (4.0)	42 (3.9)
United Kingdom	‡ (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	17 (2.4)	72 (3.0)	11 (1.9)	32 (3.0)	62 (3.3)	6 (1.5)	30 (3.5)	64 (3.8)	6 (1.7)
United States	15 <sup>2</sup> (4.0)	54 <sup>2</sup> (4.1)	31 <sup>2</sup> (4.1)	14 <sup>2</sup> (2.5)	50 <sup>2</sup> (3.2)	36 <sup>2</sup> (3.2)	16 (2.6)	54 (4.4)	30 (3.5)	12 (2.5)	57 (3.9)	31 (3.7)	17 (2.9)	52 (4.0)	31 (3.6)

—Not available.

†Not applicable.

#Rounds to zero.

!Interpret data with caution. The coefficient of variation (CV) for this estimate is between 30 and 50 percent.

‡Reporting standards not met. Either there are too few cases for a reliable estimate or the coefficient of variation (CV) is 50 percent or greater.

<sup>1</sup>Refers to the mean of the data values for all reporting Organization for Economic Cooperation and Development (OECD) countries, to which each country reporting data contributes equally. This table includes only the OECD countries.

<sup>2</sup>The item response rate is below 85 percent. Missing data have not been explicitly accounted for.

NOTE: Responses to the school questionnaire were provided by the principal or someone designated by the principal. The Program for International Student Assessment (PISA) has been conducted every 3 years since 2000. However, data on school environment were not collected in PISA 2006. Detail may not sum to totals because of rounding.

SOURCE: Organization for Economic Cooperation and Development (OECD), Program for International Student Assessment (PISA), 2000, 2003, 2009, 2012, and 2015. Retrieved September 20, 2017, from the International Data Explorer (<https://nces.ed.gov/surveys/pisa/depisa/>). (This table was prepared September 2017.)

**Table 602.90c. Percentage distribution of 15-year-old students, by extent to which their schools reported that student learning is hindered by student use of alcohol or illegal drugs and country: Selected years, 2000 through 2015**

[Standard errors appear in parentheses]

Country	2000			2003			2009			2012			2015		
	Not at all	Very little	To some extent/a lot	Not at all	Very little	To some extent/a lot	Not at all	Very little	To some extent/a lot	Not at all	Very little	To some extent/a lot	Not at all	Very little	To some extent/a lot
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
<b>OECD average<sup>1</sup></b>	<b>54 (0.7)</b>	<b>37 (0.7)</b>	<b>9 (0.4)</b>	<b>51 (0.6)</b>	<b>39 (0.6)</b>	<b>10 (0.4)</b>	<b>50 (0.6)</b>	<b>41 (0.6)</b>	<b>9 (0.3)</b>	<b>53 (0.5)</b>	<b>41 (0.5)</b>	<b>6 (0.3)</b>	<b>45 (0.5)</b>	<b>47 (0.6)</b>	<b>9 (0.3)</b>
Australia	48 (3.3)	48 (3.6)	4! (1.3)	37 (2.8)	57 (3.0)	6 (1.3)	49 (3.0)	48 (2.9)	4 (1.0)	49 (1.8)	46 (1.9)	4 (0.7)	34 (2.1)	58 (2.3)	8 (1.1)
Austria	56 (3.9)	38 (3.9)	6! (2.1)	59 (4.0)	33 (3.5)	9 (2.2)	59 (4.1)	38 (4.0)	3! (1.0)	60 (3.9)	35 (3.8)	6! (1.8)	60 (3.4)	29 (3.3)	11 (1.9)
Belgium	52 (3.3)	41 (3.5)	7 (1.7)	47 (3.1)	46 (3.4)	7 (1.9)	43 (2.7)	52 (3.0)	5! (1.5)	41 (3.0)	53 (3.0)	6 (1.5)	22 (2.5)	69 (3.0)	9 (1.7)
Canada	19 (1.6)	59 (2.2)	22 (1.8)	13 (1.4)	55 (2.2)	32 (2.1)	11 (1.3)	59 (2.2)	30 (2.1)	13 (1.6)	67 (2.2)	20 (1.9)	10 (1.7)	62 (2.6)	28 (2.5)
Chile	33 (3.7)	54 (4.2)	13 (2.8)	— (†)	— (†)	— (†)	40 (3.8)	46 (4.4)	14 (2.7)	56 (3.8)	32 (3.9)	12 (2.6)	29 (3.2)	49 (4.2)	22 (3.4)
Czech Republic	76 (2.8)	22 (2.9)	2! (0.9)	59 (2.8)	39 (2.9)	2! (0.9)	47 (3.9)	49 (3.7)	5 (1.2)	64 (3.4)	34 (3.4)	‡ (†)	57 (2.6)	38 (2.8)	5 (1.2)
Denmark	83 (2.9)	16 (2.9)	‡ (†)	79 (3.2)	21 (3.1)	‡ (†)	75 (3.1)	25 (3.1)	# (†)	75 (2.9)	22 (2.7)	3! (1.1)	70 (3.1)	27 (3.2)	3! (1.0)
Estonia	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	67 (3.5)	29 (3.3)	4! (1.4)	70 (2.5)	29 (2.5)	1 (#)	66 (2.3)	31 (2.2)	3! (1.1)
Finland	51 (4.2)	44 (4.1)	5! (1.9)	56 (3.8)	41 (3.7)	4! (1.6)	50 (4.1)	45 (3.8)	4! (1.7)	58 (3.6)	40 (3.7)	2! (0.7)	48 (4.3)	48 (4.2)	4! (1.4)
France	53 (3.6)	43 (3.9)	4! (1.7)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	35 (2.9)	52 (2.8)	12 (2.2)	19 (2.4)	56 (3.2)	25 (2.7)
Germany	48 (3.8)	48 (3.7)	4! (1.8)	45 (3.2)	46 (3.8)	9 (1.8)	46 (3.4)	47 (3.7)	7 (1.7)	46 (4.0)	53 (3.8)	‡ (†)	28 (3.2)	61 (3.5)	10 (2.2)
Greece	38 (4.3)	4! (1.7)	57 (4.6)	66 (5.8)	‡ (†)	31 (5.7)	77 (3.3)	15 (2.5)	8 (2.3)	75 (3.1)	17 (2.7)	8 (2.1)	71 (3.5)	24 (2.9)	5! (1.6)
Hungary	75 (3.5)	20 (3.5)	6 (1.7)	78 (3.0)	16 (2.6)	6! (2.1)	56 (4.1)	39 (4.1)	4! (1.5)	48 (3.8)	45 (4.0)	7 (1.9)	47 (4.1)	43 (3.7)	10 (2.3)
Iceland	48 (0.2)	37 (0.2)	15 (0.1)	57 (0.2)	38 (0.2)	5 (0.1)	65 (0.2)	25 (0.2)	10 (0.1)	69 (0.2)	27 (0.2)	4 (0.1)	56 (0.3)	42 (0.3)	1 (0.1)
Ireland	48 (4.3)	42 (4.1)	10 (2.7)	26 (3.8)	50 (4.7)	24 (4.0)	34 (4.5)	55 (5.0)	11 (3.1)	48 (3.4)	41 (3.8)	11 (2.6)	41 (3.8)	43 (3.9)	16 (3.2)
Israel	72 <sup>2</sup> (5.6)	20 <sup>2</sup> (5.3)	9 <sup>2</sup> (2.3)	— (†)	— (†)	— (†)	74 (3.4)	23 (3.3)	3! (1.4)	69 (3.7)	24 (3.5)	8 (1.9)	69 (3.4)	27 (3.0)	4! (1.6)
Italy	83 (3.1)	16 (3.0)	‡ (†)	68 (3.0)	31 (3.0)	1! (0.3)	56 (1.9)	39 (1.9)	5 (0.8)	65 (2.0)	32 (2.0)	3 (0.7)	37 (3.7)	36 (3.7)	6! (1.8)
Japan	98 (1.6)	‡ (†)	‡ (†)	68 (4.0)	31 (4.0)	‡ (†)	82 (2.8)	16 (2.6)	‡ (†)	80 (2.6)	19 (2.5)	2! (0.8)	75 (3.3)	24 (3.2)	‡ (†)
Korea, Republic of	91 (1.9)	7 (2.0)	‡ (†)	78 (3.5)	9 (2.2)	13 (3.2)	56 (4.0)	36 (3.8)	8! (2.5)	60 (3.8)	33 (3.6)	7 (1.9)	43 (3.1)	44 (3.4)	14 (2.5)
Latvia	65 (5.2)	34 (5.3)	‡ (†)	58 (4.1)	32 (4.2)	11 (2.7)	57 (4.0)	36 (3.9)	6! (2.0)	62 (3.7)	33 (3.6)	4! (1.5)	59 (2.5)	37 (2.4)	5 (1.2)
Luxembourg	17 (#)	71 (#)	12 (#)	19 (0.1)	73 (0.1)	9 (#)	41 (0.1)	54 (0.1)	5 (0.1)	20 (0.1)	79 (0.1)	1 (#)	16 (0.1)	84 (0.1)	‡ (†)
Mexico	56 (4.0)	33 (3.8)	11 (2.6)	59 (3.3)	33 (3.4)	8 (1.1)	51 (1.8)	39 (1.9)	10 (1.3)	53 (2.0)	38 (2.1)	9 (1.2)	34 (2.7)	49 (3.1)	17 (2.1)
Netherlands	‡ (†)	‡ (†)	‡ (†)	30 (4.1)	62 (4.6)	7! (2.9)	25 (3.5)	61 (4.1)	13 (2.4)	22 (3.4)	67 (4.1)	11 (2.6)	20 <sup>2</sup> (4.6)	58 <sup>2</sup> (5.5)	23 <sup>2</sup> (4.2)
New Zealand	22 (3.0)	62 (3.7)	15 (2.5)	14 (1.9)	66 (2.8)	20 (2.4)	26 (2.5)	64 (3.0)	10 (2.2)	21 (2.9)	72 (3.5)	7! (2.3)	20 (3.0)	73 (3.2)	7 (1.4)
Norway	56 (4.3)	41 (4.2)	‡ (†)	61 (3.8)	35 (3.5)	3! (1.4)	68 (3.5)	30 (3.5)	‡ (†)	78 (2.6)	22 (2.6)	‡ (†)	55 (3.6)	43 (3.7)	‡ (†)
Poland	40 (4.5)	47 (4.5)	13 (3.3)	41 (3.8)	50 (3.8)	10 (2.3)	72 (3.7)	25 (3.5)	3! (1.2)	74 (3.3)	25 (3.4)	‡ (†)	58 (3.6)	39 (3.8)	‡ (†)
Portugal	58 (4.1)	39 (4.2)	‡ (†)	41 (4.2)	57 (4.1)	3! (1.3)	53 (3.8)	44 (3.9)	3! (1.2)	46 (4.2)	46 (4.0)	8 (2.1)	35 (3.2)	57 (3.5)	8 (1.9)
Slovak Republic	— (†)	— (†)	— (†)	81 (2.8)	15 (2.3)	4! (1.8)	69 (3.2)	28 (3.3)	‡ (†)	71 (3.1)	28 (3.1)	‡ (†)	69 (3.1)	27 (2.9)	4! (1.2)
Slovenia	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	27 (0.6)	61 (0.5)	12 (0.2)	28 (1.0)	66 (1.0)	6 (0.2)	27 (0.7)	65 (0.7)	9 (0.1)
Spain	75 (3.5)	20 (3.2)	5! (1.9)	62 (3.7)	34 (3.7)	5 (1.4)	56 (2.6)	39 (2.8)	5 (0.9)	67 (2.2)	29 (1.9)	4! (1.2)	54 (3.8)	43 (3.8)	‡ (†)
Sweden	74 (3.6)	24 (3.4)	‡ (†)	67 (3.4)	28 (3.1)	5! (1.6)	60 (3.9)	39 (3.8)	‡ (†)	62 (3.6)	33 (3.5)	5! (1.7)	50 (3.5)	46 (3.6)	4! (1.4)
Switzerland	25 (2.6)	64 (3.2)	11 (2.3)	18 (3.2)	62 (3.9)	19 (2.8)	34 (3.5)	57 (3.6)	9 (1.9)	33 (3.7)	58 (3.8)	9 (2.0)	31 (3.1)	54 (4.0)	15 (3.0)
Turkey	— (†)	— (†)	— (†)	67 (4.6)	10! (3.0)	22 (3.9)	26 (3.3)	5! (1.9)	69 (3.9)	80 (3.3)	15 (2.7)	6! (1.8)	70 (3.9)	25 (3.9)	4! (1.7)
United Kingdom	‡ (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	46 (3.6)	51 (3.8)	3! (1.1)	53 (3.2)	46 (3.2)	‡ (†)	48 (3.8)	51 (3.8)	‡ (†)
United States	14 <sup>2</sup> (3.7)	69 <sup>2</sup> (4.2)	17 <sup>2</sup> (3.3)	17 <sup>2</sup> (2.6)	62 <sup>2</sup> (3.3)	21 <sup>2</sup> (3.1)	17 (2.7)	63 (3.8)	21 (3.5)	16 (3.1)	67 (4.0)	17 (3.1)	13 (2.7)	68 (3.7)	19 (3.1)

—Not available.

†Not applicable.

#Rounds to zero.

!Interpret data with caution. The coefficient of variation (CV) for this estimate is between 30 and 50 percent.

‡Reporting standards not met. Either there are too few cases for a reliable estimate or the coefficient of variation (CV) is 50 percent or greater.

<sup>1</sup>Refers to the mean of the data values for all reporting Organization for Economic Cooperation and Development (OECD)

countries, to which each country reporting data contributes equally. This table includes only the OECD countries.

<sup>2</sup>The item response rate is below 85 percent. Missing data have not been explicitly accounted for.

NOTE: Responses to the school questionnaire were provided by the principal or someone designated by the principal. The Program for International Student Assessment (PISA) has been conducted every 3 years since 2000. However, data on school environment were not collected in PISA 2006. Detail may not sum to totals because of rounding.

SOURCE: Organization for Economic Cooperation and Development (OECD), Program for International Student Assessment (PISA), 2000, 2003, 2009, 2012, and 2015. Retrieved September 20, 2017, from the International Data Explorer (<https://nces.ed.gov/surveys/pisa/depisa/>). (This table was prepared September 2017.)

**Table 602.90d. Percentage distribution of 15-year-old students, by extent to which their schools reported that student learning is hindered by students intimidating or bullying other students and country: Selected years, 2000 through 2015**

[Standard errors appear in parentheses]

Country	2000			2003			2009			2012			2015		
	Not at all	Very little	To some extent/a lot	Not at all	Very little	To some extent/a lot	Not at all	Very little	To some extent/a lot	Not at all	Very little	To some extent/a lot	Not at all	Very little	To some extent/a lot
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
<b>OECD average<sup>1</sup></b> .....	<b>36 (0.6)</b>	<b>51 (0.7)</b>	<b>14 (0.5)</b>	<b>30 (0.6)</b>	<b>55 (0.7)</b>	<b>15 (0.5)</b>	<b>26 (0.5)</b>	<b>60 (0.6)</b>	<b>14 (0.3)</b>	<b>28 (0.5)</b>	<b>61 (0.6)</b>	<b>11 (0.4)</b>	<b>25 (0.5)</b>	<b>64 (0.6)</b>	<b>11 (0.4)</b>
Australia .....	14 (2.4)	65 (3.6)	21 (3.0)	11 (2.1)	65 (3.1)	24 (2.6)	12 (2.0)	69 (2.9)	19 (1.0)	11 (1.4)	71 (1.6)	19 (1.3)	12 (1.6)	70 (2.1)	18 (1.6)
Austria .....	31 (3.3)	53 (3.6)	16 (2.7)	23 (3.5)	62 (4.6)	15 (2.5)	17 (2.6)	54 (3.6)	29 (1.0)	23 (3.5)	59 (4.1)	17 (3.0)	18 (2.9)	64 (3.8)	18 (2.7)
Belgium .....	22 (2.9)	65 (3.1)	13 (2.0)	27 (2.8)	59 (3.2)	14 (2.4)	28 (2.8)	61 (3.0)	11 (1.5)	20 (1.8)	65 (2.7)	15 (1.9)	14 (2.2)	60 (3.2)	26 (2.6)
Canada .....	19 (1.4)	70 (1.6)	11 (1.1)	19 (1.8)	63 (2.3)	18 (2.0)	15 (1.4)	69 (2.1)	15 (2.1)	14 (1.5)	71 (2.3)	15 (1.9)	14 (1.9)	73 (2.5)	13 (1.7)
Chile .....	37 (3.6)	51 (4.0)	12 (2.8)	— (†)	— (†)	— (†)	32 (3.9)	54 (4.0)	14 (2.7)	34 (3.4)	53 (3.7)	13 (2.9)	21 (2.8)	65 (3.4)	14 (2.9)
Czech Republic .....	89 (2.3)	11 (2.3)	‡ (†)	57 (3.3)	41 (3.1)	2! (0.9)	38 (3.7)	55 (3.9)	7 (1.2)	34 (3.3)	61 (3.7)	5! (1.9)	28 (2.7)	65 (3.1)	7 (1.7)
Denmark .....	52 (3.3)	45 (3.4)	3! (1.2)	25 (2.9)	68 (3.0)	7 (1.7)	34 (3.4)	60 (3.6)	7 (†)	26 (3.0)	68 (3.2)	5! (1.5)	28 (3.2)	66 (3.4)	6 (1.6)
Estonia .....	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	32 (3.2)	57 (3.6)	11 (1.4)	17 (2.4)	65 (3.2)	17 (2.3)	16 (1.8)	67 (2.8)	18 (2.9)
Finland .....	11 (2.2)	75 (2.8)	14 (2.5)	15 (2.8)	78 (3.3)	7 (2.0)	11 (2.5)	60 (4.0)	29 (1.7)	5 (1.3)	65 (3.5)	30 (3.3)	5! (1.5)	72 (3.0)	23 (2.3)
France .....	42 (3.8)	50 (4.0)	8 (2.3)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	42 (3.5)	53 (3.5)	5! (1.5)	29 (3.1)	62 (3.1)	9 (1.8)
Germany .....	12 (2.6)	72 (3.3)	16 (2.5)	17 (2.9)	59 (3.9)	24 (2.9)	16 (2.5)	66 (3.1)	18 (1.7)	5 (1.4)	80 (3.1)	15 (2.6)	7 (1.7)	73 (3.7)	20 (3.3)
Greece .....	35 (4.3)	20 (3.8)	46 (5.0)	62 (5.6)	14 (3.0)	23 (5.3)	35 (3.3)	52 (3.5)	13 (2.3)	52 (3.6)	37 (3.4)	11 (2.4)	50 (4.0)	44 (4.1)	5! (2.0)
Hungary .....	58 (4.3)	34 (4.2)	8 (1.8)	65 (3.8)	27 (3.4)	8 (2.3)	54 (3.6)	38 (3.8)	9 (1.5)	57 (3.8)	37 (3.9)	6 (1.6)	57 (3.2)	38 (2.9)	6 (1.6)
Iceland .....	17 (0.2)	61 (0.2)	23 (0.1)	20 (0.1)	56 (0.1)	25 (0.1)	19 (0.2)	73 (0.2)	8 (0.1)	19 (0.2)	76 (0.2)	5 (0.2)	16 (0.2)	77 (0.2)	7 (0.1)
Ireland .....	14 (2.9)	70 (4.3)	16 (3.5)	14 (3.1)	65 (4.3)	21 (3.6)	9! (2.9)	71 (3.9)	20 (3.1)	18 (3.0)	68 (3.4)	14 (3.0)	13 (3.0)	75 (3.9)	12 (2.8)
Israel .....	52 (5.2)	36 (5.3)	12 (3.0)	— (†)	— (†)	— (†)	47 (3.9)	46 (3.9)	7 (1.4)	50 (3.9)	43 (3.9)	7 (1.7)	58 (3.4)	41 (3.5)	‡ (†)
Italy .....	74 (3.6)	22 (3.3)	4! (1.6)	58 (3.5)	34 (3.6)	8 (1.7)	42 (1.9)	50 (2.0)	8 (0.8)	50 (2.0)	41 (4.0)	6 (1.2)	41 (4.0)	55 (4.0)	5 (1.3)
Japan .....	52 (4.5)	44 (4.6)	5! (1.8)	31 (4.0)	61 (4.2)	7! (2.3)	35 (3.3)	58 (3.5)	7 (†)	28 (3.4)	68 (3.4)	4! (1.5)	28 (2.8)	68 (3.1)	5 (1.2)
Korea, Republic of .....	59 (4.1)	38 (4.2)	‡ (†)	50 (4.4)	36 (4.4)	13 (3.2)	22 (3.3)	65 (3.9)	13 (2.5)	20 (3.5)	59 (4.6)	20 (3.5)	26 (3.3)	66 (3.7)	8 (2.0)
Latvia .....	73 <sup>2</sup> (4.0)	26 <sup>2</sup> (4.0)	# (†)	47 (4.3)	46 (4.4)	8 (2.3)	42 (4.3)	49 (3.9)	9 (2.0)	45 (3.7)	53 (3.6)	‡ (†)	40 (3.1)	53 (2.9)	7 (1.6)
Luxembourg .....	3 (#)	70 (#)	27 (#)	4 (#)	81 (#)	15 (#)	10 (0.1)	83 (0.1)	7 (0.1)	15 (0.1)	74 (0.1)	11 (0.1)	19 (0.1)	78 (0.1)	2 (#)
Mexico .....	36 (3.8)	45 (4.1)	19 (3.3)	22 (2.4)	54 (3.3)	24 (3.2)	38 (1.8)	50 (1.9)	12 (1.3)	33 (1.5)	54 (2.0)	13 (1.3)	26 (2.6)	58 (3.4)	16 (2.5)
Netherlands .....	‡ (†)	‡ (†)	‡ (†)	8 (2.1)	70 (4.1)	22 (3.9)	5! (1.5)	69 (4.1)	25 (2.4)	‡ (†)	74 (2.9)	24 (2.8)	‡ (†)	65 <sup>2</sup> (5.0)	35 <sup>2</sup> (5.0)
New Zealand .....	14 (2.6)	76 (3.4)	10 (2.4)	7 (1.6)	78 (3.1)	15 (2.6)	15 (2.2)	75 (2.9)	10 (2.2)	11 (2.1)	77 (3.0)	12 (2.4)	13 (2.2)	77 (3.0)	10 (2.3)
Norway .....	18 (3.5)	63 (3.9)	19 (3.2)	13 (2.7)	75 (3.6)	12 (2.7)	14 (2.7)	75 (3.6)	12 (†)	15 (2.9)	77 (3.5)	9 (2.3)	5! (1.6)	83 (2.7)	12 (2.3)
Poland .....	64 (4.6)	27 (4.4)	9! (2.8)	46 (4.2)	46 (4.1)	8 (2.2)	36 (3.9)	56 (3.9)	9 (1.2)	47 (3.8)	46 (4.1)	7! (2.1)	30 (3.6)	67 (3.7)	3! (1.3)
Portugal .....	49 (4.5)	40 (4.2)	11 (2.9)	48 (3.6)	43 (3.8)	9 (2.6)	41 (3.6)	52 (3.8)	7 (1.2)	39 (4.0)	52 (4.0)	9 (2.6)	31 (3.9)	61 (3.9)	7 (2.0)
Slovak Republic .....	— (†)	— (†)	— (†)	57 (3.3)	38 (3.4)	5 (1.3)	42 (3.3)	53 (3.7)	5! (†)	43 (3.7)	55 (3.7)	2! (0.9)	43 (3.5)	53 (3.4)	4 (1.1)
Slovenia .....	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	35 (0.3)	55 (0.4)	9 (0.2)	38 (0.7)	56 (0.7)	5 (0.6)	47 (0.4)	49 (0.5)	3 (0.3)
Spain .....	40 (4.1)	42 (4.1)	18 (3.8)	33 (3.9)	54 (4.1)	13 (2.4)	39 (2.8)	53 (3.1)	8 (0.9)	45 (2.9)	51 (3.1)	4 (1.0)	25 (3.3)	67 (3.5)	8 (1.9)
Sweden .....	16 (3.1)	75 (3.7)	9 (2.4)	17 (2.9)	66 (3.5)	17 (2.6)	12 (2.4)	70 (3.6)	18 (†)	17 (2.9)	72 (3.6)	10 (2.3)	18 (2.8)	70 (3.6)	13 (2.5)
Switzerland .....	18 (2.3)	58 (3.7)	24 (3.5)	18 (2.7)	58 (3.7)	24 (3.9)	22 (2.9)	67 (3.3)	11 (1.9)	24 (3.0)	68 (3.5)	8 (1.7)	18 (2.7)	67 (3.5)	16 (2.9)
Turkey .....	— (†)	— (†)	— (†)	41 (4.7)	27 (3.8)	32 (4.7)	19 (2.8)	17 (3.3)	65 (3.9)	52 (4.1)	38 (3.8)	9 (2.6)	37 (4.1)	57 (4.3)	6 (1.6)
United Kingdom .....	‡ (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	21 (2.4)	76 (2.6)	3 (1.1)	22 (2.8)	76 (3.0)	3! (0.9)
United States .....	23 <sup>2</sup> (5.1)	70 <sup>2</sup> (5.2)	7! <sup>2</sup> (2.4)	18 <sup>2</sup> (3.0)	67 <sup>2</sup> (3.8)	14 <sup>2</sup> (2.4)	10 (2.4)	82 (2.8)	9 (3.5)	13 (3.1)	75 (3.9)	12 (2.7)	13 (2.5)	73 (3.4)	14 (2.8)

—Not available.

†Not applicable.

#Rounds to zero.

!Interpret data with caution. The coefficient of variation (CV) for this estimate is between 30 and 50 percent.

‡Reporting standards not met. Either there are too few cases for a reliable estimate or the coefficient of variation (CV) is 50 percent or greater.

<sup>1</sup>Refers to the mean of the data values for all reporting Organization for Economic Cooperation and Development (OECD) countries, to which each country reporting data contributes equally. This table includes only the OECD countries.

<sup>2</sup>The item response rate is below 85 percent. Missing data have not been explicitly accounted for.

NOTE: Responses to the school questionnaire were provided by the principal or someone designated by the principal. The Program for International Student Assessment (PISA) has been conducted every 3 years since 2000. However, data on school environment were not collected in PISA 2006. Detail may not sum to totals because of rounding.

SOURCE: Organization for Economic Cooperation and Development (OECD), Program for International Student Assessment (PISA), 2000, 2003, 2009, 2012, and 2015. Retrieved September 20, 2017, from the International Data Explorer (<https://nces.ed.gov/surveys/pisa/idepisa/>). (This table was prepared September 2017.)

**Table 602.90e. Percentage distribution of 15-year-old students, by extent to which their schools reported that student learning is hindered by students lacking respect for teachers and country: Selected years, 2000 through 2015**

[Standard errors appear in parentheses]

Country	2000			2003			2009			2012			2015		
	Not at all	Very little	To some extent/a lot	Not at all	Very little	To some extent/a lot	Not at all	Very little	To some extent/a lot	Not at all	Very little	To some extent/a lot	Not at all	Very little	To some extent/a lot
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
<b>OECD average<sup>1</sup></b>	<b>22 (0.6)</b>	<b>54 (0.7)</b>	<b>23 (0.6)</b>	<b>21 (0.5)</b>	<b>57 (0.7)</b>	<b>22 (0.6)</b>	<b>20 (0.5)</b>	<b>56 (0.6)</b>	<b>24 (0.5)</b>	<b>22 (0.5)</b>	<b>59 (0.6)</b>	<b>19 (0.5)</b>	<b>19 (0.4)</b>	<b>61 (0.6)</b>	<b>20 (0.5)</b>
Australia	23 (3.0)	51 (3.9)	26 (3.7)	20 (2.7)	58 (3.3)	22 (2.4)	23 (2.1)	54 (3.0)	23 (2.1)	20 (1.6)	56 (1.9)	23 (1.5)	21 (1.6)	60 (2.2)	19 (1.6)
Austria	27 (3.4)	55 (4.0)	18 (2.7)	33 (3.4)	50 (3.5)	17 (3.1)	28 (3.5)	42 (4.0)	30 (3.6)	25 (3.7)	53 (3.9)	22 (3.3)	28 (3.0)	51 (3.4)	21 (2.8)
Belgium	29 (2.7)	45 (3.4)	26 (3.2)	32 (3.0)	50 (3.2)	18 (2.3)	30 (2.8)	52 (3.4)	17 (2.5)	18 (2.1)	64 (2.7)	18 (2.5)	7 (1.8)	71 (2.9)	22 (2.4)
Canada	15 (1.6)	65 (1.8)	20 (1.4)	12 (1.4)	64 (2.2)	25 (2.4)	15 (1.5)	66 (2.0)	18 (1.8)	21 (1.9)	68 (2.0)	11 (1.5)	14 (1.9)	73 (2.2)	12 (1.9)
Chile	37 (3.8)	53 (4.1)	10 (2.6)	— (†)	— (†)	— (†)	32 (3.9)	55 (4.2)	13 (2.5)	35 (3.1)	46 (3.7)	19 (3.0)	28 (3.3)	51 (3.6)	21 (3.1)
Czech Republic	35 (3.3)	51 (3.3)	14 (2.4)	24 (3.1)	60 (3.2)	16 (2.4)	10 (2.3)	51 (3.2)	38 (2.6)	28 (2.9)	56 (3.8)	16 (2.8)	18 (2.6)	53 (3.0)	29 (2.8)
Denmark	42 (3.6)	51 (3.6)	6! (1.9)	20 (2.9)	68 (3.4)	13 (2.3)	29 (3.1)	58 (3.2)	14 (2.0)	22 (3.0)	59 (3.7)	19 (2.9)	24 (3.1)	57 (3.8)	19 (2.7)
Estonia	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	18 (2.5)	59 (3.2)	23 (2.5)	32 (2.8)	54 (3.1)	14 (2.0)	29 (2.6)	54 (2.8)	17 (2.2)
Finland	7! (2.4)	68 (4.0)	25 (3.7)	12 (2.4)	76 (3.1)	12 (2.5)	11 (2.6)	56 (4.0)	33 (4.0)	9 (2.0)	58 (3.4)	32 (3.3)	9 (2.0)	59 (3.4)	33 (3.5)
France	19 (3.1)	61 (4.2)	20 (3.0)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	25 (2.8)	61 (3.1)	14 (2.0)	20 (2.5)	62 (3.6)	18 (3.0)
Germany	14 (2.3)	65 (3.3)	20 (2.4)	18 (2.5)	59 (3.4)	22 (3.2)	22 (2.9)	60 (3.2)	18 (2.5)	18 (2.7)	64 (3.3)	18 (2.6)	14 (2.6)	66 (3.6)	20 (3.2)
Greece	13 (2.7)	24 (3.7)	62 (4.3)	24 (4.4)	28 (4.6)	47 (5.4)	19 (3.3)	56 (4.2)	26 (3.5)	26 (3.5)	56 (3.9)	18 (2.8)	33 (3.4)	52 (4.1)	15 (2.9)
Hungary	38 (4.0)	44 (3.9)	19 (2.6)	47 (4.0)	39 (4.0)	14 (3.2)	34 (3.7)	48 (4.0)	18 (2.5)	36 (3.7)	47 (4.0)	17 (2.3)	26 (2.9)	52 (3.3)	22 (2.8)
Iceland	17 (0.2)	57 (0.2)	26 (0.2)	21 (0.1)	57 (0.2)	22 (0.2)	23 (0.2)	54 (0.2)	23 (0.2)	28 (0.2)	60 (0.2)	13 (0.2)	16 (0.2)	73 (0.3)	11 (0.2)
Ireland	15 (2.8)	54 (4.4)	31 (4.0)	15 (3.2)	62 (4.4)	23 (4.2)	19 (3.4)	52 (4.6)	29 (3.9)	27 (3.2)	53 (3.8)	19 (3.0)	21 (3.3)	66 (3.8)	12 (2.4)
Israel	17 (3.2)	57 (5.4)	27 (5.2)	— (†)	— (†)	— (†)	28 (3.3)	53 (4.1)	19 (3.0)	28 (3.7)	52 (4.3)	19 (2.8)	20 (3.2)	62 (4.1)	19 (3.2)
Italy	45 (3.8)	36 (4.3)	19 (3.0)	38 (3.0)	45 (3.7)	17 (2.8)	27 (1.7)	54 (2.2)	19 (1.6)	33 (1.9)	51 (2.2)	16 (1.5)	27 (3.4)	60 (3.5)	13 (2.3)
Japan	20 (3.6)	51 (4.5)	29 (4.2)	11 (2.6)	57 (4.0)	32 (3.2)	19 (2.7)	58 (3.5)	24 (3.2)	14 (2.6)	69 (3.2)	18 (2.7)	16 (2.8)	66 (3.4)	18 (2.4)
Korea, Republic of	23 (3.8)	48 (4.6)	29 (4.4)	34 (4.3)	43 (4.3)	23 (3.6)	11 (2.9)	60 (4.7)	29 (4.3)	12 (2.6)	49 (4.1)	38 (3.8)	18 (2.9)	49 (3.8)	33 (3.2)
Latvia	32 (3.6)	54 (4.1)	13 (3.2)	21 (3.9)	65 (4.6)	14 (3.1)	19 (3.1)	63 (3.7)	18 (2.9)	16 (2.6)	63 (3.5)	21 (3.1)	14 (2.0)	58 (2.5)	28 (2.3)
Luxembourg	7 (#)	76 (#)	17 (#)	8 (#)	76 (0.1)	16 (0.1)	11 (0.1)	66 (0.1)	23 (0.1)	3 (0.0)	81 (0.1)	16 (0.1)	9 (0.1)	68 (0.1)	23 (0.1)
Mexico	35 (3.4)	49 (3.4)	16 (2.5)	38 (3.1)	49 (3.4)	13 (1.8)	37 (1.9)	53 (1.8)	10 (0.9)	35 (1.9)	55 (1.9)	10 (1.3)	26 (2.5)	63 (3.1)	11 (2.0)
Netherlands	‡ (†)	‡ (†)	‡ (†)	‡ (†)	11 (2.7)	61 (4.8)	28 (4.3)	15 (2.6)	63 (4.1)	22 (3.5)	16 (3.5)	61 (4.5)	22 (3.8)	81 <sup>2</sup> (3.1)	63 <sup>2</sup> (4.9)
New Zealand	12 (2.2)	69 (3.0)	19 (2.7)	7 (1.8)	68 (3.4)	24 (3.1)	17 (2.1)	63 (3.0)	20 (2.6)	15 (2.8)	72 (3.5)	12 (2.7)	20 (2.9)	71 (3.2)	8 (1.9)
Norway	4! (1.5)	53 (3.6)	43 (3.5)	7 (1.9)	58 (3.8)	35 (3.8)	9 (2.0)	55 (3.3)	35 (3.4)	9 (2.2)	63 (3.6)	28 (3.2)	9 (2.2)	68 (3.5)	22 (3.0)
Poland	43 (5.1)	46 (5.3)	11 (3.1)	23 (3.4)	57 (3.7)	21 (3.2)	21 (3.2)	61 (3.5)	17 (2.6)	23 (3.4)	61 (3.7)	16 (3.3)	23 (3.3)	60 (4.2)	17 (3.1)
Portugal	14 (2.2)	54 (4.4)	33 (4.4)	14 (3.0)	70 (3.9)	16 (3.0)	21 (3.5)	55 (4.1)	24 (3.2)	18 (3.5)	52 (4.8)	31 (4.2)	11 (1.9)	58 (3.7)	31 (3.6)
Slovak Republic	— (†)	— (†)	— (†)	37 (3.2)	51 (3.9)	12 (1.9)	17 (3.0)	62 (3.9)	21 (3.5)	16 (3.0)	52 (3.7)	32 (3.5)	21 (2.7)	55 (3.1)	24 (2.8)
Slovenia	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	22 (0.2)	52 (0.4)	26 (0.3)	29 (0.7)	61 (0.7)	10 (0.4)	31 (0.3)	51 (0.7)	18 (0.7)
Spain	17 (2.7)	55 (4.1)	28 (3.4)	21 (2.6)	45 (3.6)	34 (3.4)	21 (2.2)	51 (2.8)	28 (2.5)	19 (2.0)	58 (2.5)	24 (2.1)	13 (2.0)	61 (3.7)	26 (3.0)
Sweden	17 (2.9)	56 (3.8)	27 (3.6)	10 (2.0)	64 (3.5)	25 (3.4)	12 (2.3)	66 (3.5)	22 (3.1)	20 (2.7)	58 (3.5)	22 (3.2)	20 (2.8)	61 (3.7)	19 (3.1)
Switzerland	20 (2.9)	63 (3.5)	17 (2.8)	19 (3.1)	64 (3.2)	17 (3.6)	26 (2.9)	57 (3.0)	17 (2.3)	22 (2.9)	63 (3.4)	16 (2.4)	18 (2.7)	67 (3.9)	15 (3.3)
Turkey	— (†)	— (†)	— (†)	24 (4.1)	38 (5.1)	37 (5.0)	12 (2.6)	17 (3.2)	71 (3.6)	27 (3.2)	53 (3.8)	21 (3.5)	16 (2.9)	61 (4.1)	23 (3.4)
United Kingdom	‡ (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	19 (2.5)	69 (3.4)	12 (2.4)	29 (3.6)	61 (3.6)	10 (1.6)	17 (2.6)	70 (3.2)	13 (2.3)
United States	91 <sup>2</sup> (3.5)	65 <sup>2</sup> (5.3)	26 <sup>2</sup> (4.3)	13 <sup>2</sup> (2.6)	65 <sup>2</sup> (3.3)	22 <sup>2</sup> (2.8)	13 (2.5)	65 (3.5)	21 (3.0)	22 (3.6)	63 (4.1)	15 (3.0)	18 (3.1)	64 (3.8)	18 (3.2)

—Not available.

†Not applicable.

#Rounds to zero.

!Interpret data with caution. The coefficient of variation (CV) for this estimate is between 30 and 50 percent.

‡Reporting standards not met. Either there are too few cases for a reliable estimate or the coefficient of variation (CV) is 50 percent or greater.

<sup>1</sup>Refers to the mean of the data values for all reporting Organization for Economic Cooperation and Development (OECD) countries, to which each country reporting data contributes equally. This table includes only the OECD countries.

<sup>2</sup>The item response rate is below 85 percent. Missing data have not been explicitly accounted for.

NOTE: Responses to the school questionnaire were provided by the principal or someone designated by the principal. The Program for International Student Assessment (PISA) has been conducted every 3 years since 2000. However, data on school environment were not collected in PISA 2006. Detail may not sum to totals because of rounding.

SOURCE: Organization for Economic Cooperation and Development (OECD), Program for International Student Assessment (PISA), 2000, 2003, 2009, 2012, and 2015. Retrieved September 20, 2017, from the International Data Explorer (<https://nces.ed.gov/surveys/pisa/idepisa/>). (This table was prepared September 2017.)

**Table 603.10. Percentage of the population 25 to 64 years old who completed high school, by age group and country: Selected years, 2000 through 2016**

[Standard errors appear in parentheses]

Country	2000		2005		2010		2014		2015		2016 <sup>1</sup>				
	Total, 25 to 64 years old	25 to 34 years old	Total, 25 to 64 years old	25 to 34 years old	Total, 25 to 64 years old	25 to 34 years old	Total, 25 to 64 years old	25 to 34 years old	Total, 25 to 64 years old	25 to 34 years old	Total, 25 to 64 years old	25 to 34 years old	35 to 44 years old	45 to 54 years old	55 to 64 years old
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
<b>OECD average<sup>2</sup></b>	<b>65.1</b>	<b>75.2</b>	<b>70.6</b>	<b>79.2</b>	<b>74.4 (0.07)</b>	<b>81.5 (0.14)</b>	<b>77.1 (0.04)</b>	<b>83.2 (0.09)</b>	<b>77.2 (0.04)</b>	<b>83.6 (0.07)</b>	<b>78.4 (0.03)</b>	<b>84.1 (0.06)</b>	<b>81.8 (0.06)</b>	<b>77.0 (0.06)</b>	<b>69.7 (0.07)</b>
Australia	58.8	68.3	65.0	78.6	73.2 (—)	84.8 (—)	77.1 (—)	86.7 (—)	79.0 (0.25)	88.1 (0.39)	79.9 (0.24)	88.6 (0.38)	85.2 (0.42)	75.7 (0.51)	67.6 (0.58)
Austria	—	—	76.9	85.6	82.4 (0.12)	87.8 (0.23)	83.9 (0.12)	90.0 (0.21)	84.6 (0.12)	90.0 (0.22)	84.5 (0.12)	88.6 (0.22)	87.2 (0.22)	83.5 (0.21)	78.6 (0.26)
Belgium	58.5	75.3	66.1	80.9	70.5 (—)	82.1 (—)	73.6 (0.19)	82.3 (0.34)	74.7 (0.19)	82.5 (0.35)	75.1 (0.19)	82.8 (0.35)	81.5 (0.34)	75.0 (0.36)	61.0 (0.41)
Canada	80.7	88.3	85.2	90.8	88.3 (—)	92.1 (—)	90.0 (—)	92.6 (—)	90.4 (—)	93.3 (—)	90.6 (0.11)	93.1 (0.17)	93.3 (0.17)	90.7 (0.18)	85.5 (0.25)
Chile	—	—	—	—	— (†)	— (†)	— (†)	— (†)	64.9 (0.13)	83.2 (0.20)	— (†)	— (†)	— (†)	— (†)	— (†)
Czech Republic	85.9	92.4	89.9	93.9	91.9 (—)	94.2 (—)	93.2 (0.07)	94.6 (0.15)	93.2 (0.07)	93.7 (0.16)	93.4 (0.07)	93.4 (0.17)	95.4 (0.12)	94.6 (0.13)	89.6 (0.17)
Denmark	79.8	86.9	81.0	87.4	75.6 (—)	79.6 (—)	79.6 (—)	82.2 (—)	80.4 (0.17)	83.6 (0.36)	80.7 (0.18)	83.4 (0.38)	85.3 (0.34)	81.1 (0.34)	73.2 (0.38)
Estonia	85.2	91.4	88.7	87.3	89.1 (0.30)	86.5 (0.73)	88.1 (0.28)	86.9 (0.61)	88.6 (0.28)	87.7 (0.60)	88.9 (0.27)	87.5 (0.60)	86.6 (0.58)	93.6 (0.41)	88.2 (0.56)
Finland	73.2	86.3	78.8	89.4	83.0 (—)	90.8 (—)	86.5 (0.12)	90.2 (0.22)	87.2 (0.21)	89.5 (0.42)	87.9 (0.13)	90.1 (0.24)	91.3 (0.23)	89.0 (0.24)	81.7 (0.28)
France	62.2	76.4	66.8	81.5	70.8 (—)	83.8 (—)	77.3 (0.09)	86.7 (0.16)	77.5 (0.08)	86.5 (0.15)	78.1 (0.08)	86.7 (0.15)	84.2 (0.14)	76.7 (0.15)	65.2 (0.18)
Germany	81.7	84.9	83.1	84.1	85.8 (—)	86.5 (—)	86.9 (0.06)	87.3 (0.12)	86.8 (0.06)	87.3 (0.12)	86.5 (0.05)	87.0 (0.11)	85.8 (0.12)	87.2 (0.10)	85.8 (0.11)
Greece	49.3	68.7	57.7	74.4	62.7 (0.12)	75.5 (0.22)	68.3 (0.13)	81.7 (0.24)	70.2 (0.13)	83.6 (0.24)	71.7 (0.13)	84.5 (0.24)	78.2 (0.23)	69.4 (0.24)	54.0 (0.26)
Hungary	69.2	81.3	76.4	85.0	81.3 (—)	86.3 (—)	83.1 (0.10)	87.0 (0.20)	83.2 (0.10)	86.0 (0.21)	83.4 (0.11)	85.5 (0.23)	86.5 (0.19)	83.0 (0.22)	78.1 (0.22)
Iceland	—	—	68.2	70.9	70.7 (0.48)	73.6 (0.91)	73.3 (0.48)	73.8 (0.95)	74.7 (0.47)	75.2 (0.96)	78.0 (0.46)	80.0 (0.94)	81.3 (0.89)	79.3 (0.88)	70.7 (1.00)
Ireland	57.3	73.0	64.5	81.1	72.8 (—)	85.6 (—)	78.8 (—)	90.1 (—)	79.8 (0.13)	90.5 (0.19)	— (†)	— (†)	— (†)	— (†)	— (†)
Israel	—	—	78.9	85.5	82.1 (—)	88.1 (—)	85.4 (—)	90.8 (—)	85.5 (—)	91.2 (—)	86.8 (0.09)	91.8 (0.14)	88.2 (0.16)	84.5 (0.19)	79.9 (0.22)
Italy	42.1	56.4	50.1	65.9	55.2 (—)	71.0 (—)	59.3 (0.09)	73.8 (0.19)	59.9 (0.09)	74.4 (0.19)	60.1 (0.09)	73.9 (0.19)	65.7 (0.17)	54.9 (0.17)	48.4 (0.18)
Japan	—	—	—	—	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)
Korea, Republic of	68.3	93.3	75.5	97.3	80.4 (—)	97.8 (—)	85.0 (—)	98.3 (—)	85.8 (—)	98.3 (—)	86.9 (0.17)	98.3 (0.12)	97.4 (0.15)	88.9 (0.31)	60.7 (0.62)
Latvia	83.2	88.7	84.4	80.4	88.6 (0.23)	83.7 (0.57)	86.7 (0.23)	83.6 (0.56)	87.8 (0.23)	84.9 (0.56)	88.7 (0.22)	86.7 (0.52)	85.2 (0.51)	92.8 (0.34)	89.9 (0.39)
Luxembourg	60.9	68.2	65.9	76.5	77.7 (—)	84.0 (—)	82.0 (0.44)	86.9 (0.92)	74.6 (0.33)	84.5 (0.59)	78.8 (0.39)	86.6 (0.73)	84.3 (0.70)	73.4 (0.79)	68.4 (0.84)
Mexico	29.1	37.1	28.2	33.7	32.1 (0.11)	38.3 (0.20)	35.1 (0.11)	43.8 (0.21)	35.7 (0.11)	45.0 (0.21)	36.6 (0.11)	46.7 (0.21)	36.0 (0.21)	32.4 (0.22)	25.7 (0.25)
Netherlands	64.9	74.3	71.8	81.3	73.0 (—)	82.7 (—)	75.9 (—)	85.2 (—)	76.4 (—)	85.6 (—)	77.1 (0.20)	85.8 (0.40)	81.5 (0.40)	75.9 (0.36)	66.0 (0.42)
New Zealand	—	—	—	—	— (†)	— (†)	74.1 (—)	81.1 (—)	74.7 (—)	81.0 (—)	76.6 (0.31)	83.7 (0.57)	81.0 (0.58)	72.9 (0.62)	67.9 (0.69)
Norway	—	—	77.2	83.5	80.6 (—)	82.9 (—)	81.9 (0.17)	81.4 (0.36)	82.4 (0.17)	81.3 (0.35)	82.2 (0.16)	81.2 (0.35)	85.6 (0.30)	82.2 (0.32)	79.7 (0.35)
Poland	79.9	89.4	85.1	92.0	88.5 (—)	93.6 (—)	90.5 (—)	94.2 (—)	90.8 (—)	93.9 (—)	91.3 (0.07)	94.2 (0.12)	93.5 (0.12)	91.7 (0.14)	85.8 (0.15)
Portugal	19.4	31.8	26.5	42.8	31.9 (—)	52.1 (—)	43.3 (0.17)	64.7 (0.38)	45.1 (0.17)	66.7 (0.39)	46.9 (0.17)	69.5 (0.40)	57.4 (0.33)	37.3 (0.31)	26.0 (0.28)
Slovak Republic	83.8	93.7	87.9	92.8	91.0 (—)	94.1 (—)	90.8 (0.25)	92.5 (0.49)	91.3 (0.25)	92.8 (0.49)	91.7 (0.24)	93.4 (0.48)	94.2 (0.42)	92.2 (0.48)	86.6 (0.55)
Slovenia	74.8	85.4	80.3	91.2	83.3 (—)	93.5 (—)	85.7 (—)	93.9 (—)	86.8 (0.18)	94.1 (0.27)	87.3 (0.18)	94.1 (0.27)	92.6 (0.30)	84.6 (0.36)	78.6 (0.41)
Spain	38.6	55.6	48.8	64.5	52.9 (0.08)	65.3 (0.16)	56.6 (0.08)	65.6 (0.18)	57.4 (0.08)	65.6 (0.19)	58.3 (0.08)	65.3 (0.19)	67.0 (0.16)	55.9 (0.16)	42.7 (0.17)
Sweden	77.6	87.3	83.6	90.6	86.3 (0.08)	90.8 (0.14)	81.6 (0.09)	81.8 (0.20)	82.0 (0.10)	82.3 (0.20)	82.7 (0.10)	83.1 (0.20)	85.6 (0.18)	85.3 (0.17)	76.0 (0.21)
Switzerland	83.9	89.8	85.2	89.8	85.0 (0.12)	87.8 (0.26)	87.2 (0.11)	90.5 (0.24)	87.3 (0.11)	91.0 (0.24)	87.4 (0.12)	91.4 (0.24)	88.4 (0.22)	86.2 (0.22)	83.7 (0.26)
Turkey	23.3	27.7	28.1	36.8	31.2 (—)	42.2 (—)	35.6 (—)	49.5 (—)	37.0 (—)	52.1 (—)	38.5 (0.10)	54.7 (0.21)	39.0 (0.20)	25.6 (0.18)	22.7 (0.20)
United Kingdom <sup>3</sup>	62.6	66.8	66.8	73.1	75.1 (—)	82.9 (—)	79.2 (0.18)	86.2 (0.32)	79.6 (0.18)	86.2 (0.33)	80.7 (0.18)	87.5 (0.32)	84.7 (0.33)	77.7 (0.37)	72.3 (0.42)
United States <sup>4</sup>	87.4	88.2	87.8	86.7	89.0 (0.14)	88.4 (0.24)	89.6 (0.15)	90.0 (0.29)	89.5 (0.13)	90.5 (0.24)	90.1 (0.13)	91.5 (0.23)	89.5 (0.25)	89.4 (0.25)	90.2 (0.24)

See notes at end of table.

**Table 603.10. Percentage of the population 25 to 64 years old who completed high school, by age group and country: Selected years, 2000 through 2016—Continued**

[Standard errors appear in parentheses]

Country	2000		2005		2010		2014		2015		2016 <sup>1</sup>				
	Total, 25 to 64 years old	25 to 34 years old	Total, 25 to 64 years old	25 to 34 years old	Total, 25 to 64 years old	25 to 34 years old	Total, 25 to 64 years old	25 to 34 years old	Total, 25 to 64 years old	25 to 34 years old	Total, 25 to 64 years old	25 to 34 years old	35 to 44 years old	45 to 54 years old	55 to 64 years old
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
<b>Other reporting countries</b>															
Argentina .....	—	—	49.8	58.8	— (†)	— (†)	58.8 (—)	67.7 (—)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)
Brazil .....	—	—	—	—	— (†)	— (†)	47.4 (0.11)	61.8 (0.20)	48.9 (0.12)	63.5 (0.20)	— (†)	— (†)	— (†)	— (†)	— (†)
China .....	—	—	—	—	24.5 (—)	35.7 (—)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)
Colombia .....	—	—	—	—	— (†)	— (†)	52.0 (0.08)	67.4 (0.14)	50.4 (0.08)	66.9 (0.14)	52.5 (0.08)	68.7 (0.13)	55.9 (0.16)	41.8 (0.16)	31.8 (0.18)
Costa Rica .....	30.4	32.3	35.1	38.5	36.9 (0.44)	44.9 (0.80)	40.5 (0.43)	48.4 (0.78)	39.4 (0.43)	48.6 (0.78)	39.9 (0.43)	50.2 (0.79)	36.6 (0.84)	34.6 (0.84)	34.7 (1.00)
Indonesia .....	—	—	—	—	30.3 (—)	39.8 (—)	— (†)	— (†)	35.6 (—)	46.8 (—)	— (†)	— (†)	— (†)	— (†)	— (†)
Lithuania .....	84.2	91.8	87.5	86.8	91.9 (0.16)	88.3 (0.44)	91.2 (—)	88.4 (—)	91.4 (0.16)	89.7 (0.43)	92.5 (0.15)	92.2 (0.38)	87.8 (0.38)	95.5 (0.20)	93.9 (0.24)
Russian Federation .....	—	—	—	—	93.9 (—)	94.0 (—)	94.8 (—)	95.0 (—)	94.9 (—)	95.0 (—)	— (†)	— (†)	— (†)	— (†)	— (†)
Saudi Arabia .....	—	—	—	—	— (†)	— (†)	55.0 (—)	68.9 (—)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)
South Africa .....	—	—	—	—	39.4 (—)	46.5 (—)	43.0 (—)	49.9 (—)	43.0 (—)	48.7 (—)	— (†)	— (†)	— (†)	— (†)	— (†)

—Not available.

†Not applicable.

<sup>1</sup>For 2016, standard errors for the following countries were estimated by the National Center for Education Statistics (NCES): Canada, Korea, the Netherlands, Poland, Slovenia, and Turkey.

<sup>2</sup>Refers to the mean of the data values for all reporting Organization for Economic Cooperation and Development (OECD) countries, to which each country reporting data contributes equally. The average includes all current OECD countries for which a given year's data are available, even if they were not members of OECD in that year. Standard errors for the OECD average were estimated by NCES.

<sup>3</sup>Data include some persons who completed a sufficient number of certain types of programs, any one of which individually would be classified as a program that only partially completes the high school (or upper secondary) level of education.

<sup>4</sup>U.S. standard errors for all years were estimated by NCES.

NOTE: The International Standard Classification of Education (ISCED) was revised in 2011. The previous version, ISCED 1997, was used to calculate all data for years prior to 2014. ISCED 2011 was used to calculate all data for 2014 and later years (with the exception of data for China, Indonesia, Saudi Arabia, and South Africa, which were calculated using ISCED 1997). Except where otherwise noted, data in this table refer to degrees classified under ISCED 2011 as completing level 3 (upper secondary education) or to comparable degrees under ISCED 1997. Some data have been revised from previously published figures. Unless otherwise noted, all data in this table were calculated by OECD or the relevant country and had been validated for consistency and accuracy by OECD and the relevant country as of September 28, 2017. For more information on OECD and NCES estimation methodology used for this table, see the "Online Education Database" section of the entry for OECD in Appendix A: Guide to Sources. Standard errors for 2000 and 2005 have been excluded due to limited data availability. SOURCE: Organization for Economic Cooperation and Development (OECD), Online Education Database, retrieved September 28, 2017, from <http://stats.oecd.org/Index.aspx>. (This table was prepared October 2017.)

**Table 603.20. Percentage of the population 25 to 64 years old who attained any postsecondary degree, by age group and country: Selected years, 2000 through 2016**

[Standard errors appear in parentheses]

Country	2000		2005		2010		2014		2015		2016 <sup>1</sup>				
	Total, 25 to 64 years old	25 to 34 years old	Total, 25 to 64 years old	25 to 34 years old	Total, 25 to 64 years old	25 to 34 years old	Total, 25 to 64 years old	25 to 34 years old	Total, 25 to 64 years old	25 to 34 years old	Total, 25 to 64 years old	25 to 34 years old	35 to 44 years old	45 to 54 years old	55 to 64 years old
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
<b>OECD average<sup>2</sup></b>	<b>21.6</b>	<b>25.9</b>	<b>26.5</b>	<b>32.3</b>	<b>30.5 (0.08)</b>	<b>37.6 (0.18)</b>	<b>34.2 (0.05)</b>	<b>41.5 (0.12)</b>	<b>34.5 (0.05)</b>	<b>41.8 (0.10)</b>	<b>35.7 (0.04)</b>	<b>43.1 (0.09)</b>	<b>40.5 (0.09)</b>	<b>32.1 (0.08)</b>	<b>26.5 (0.08)</b>
Australia	27.5	31.4	31.7	38.1	37.6 (—)	44.4 (—)	41.9 (—)	48.1 (—)	42.9 (0.30)	48.5 (0.60)	43.7 (0.30)	49.3 (0.59)	48.8 (0.59)	40.0 (0.58)	35.0 (0.60)
Austria	—	—	24.6	30.6	27.7 (0.14)	33.9 (0.33)	29.9 (0.15)	38.4 (0.34)	30.6 (0.15)	38.6 (0.35)	31.4 (0.15)	39.7 (0.34)	35.1 (0.32)	28.0 (0.26)	22.9 (0.27)
Belgium	27.1	36.0	31.0	40.6	35.0 (—)	43.8 (—)	36.9 (0.20)	44.2 (0.44)	36.9 (0.21)	43.1 (0.45)	37.5 (0.21)	44.3 (0.46)	43.2 (0.43)	35.1 (0.39)	27.5 (0.37)
Canada	40.1	48.4	46.0	53.7	50.3 (—)	56.2 (—)	53.6 (—)	57.7 (—)	55.2 (—)	59.2 (—)	56.3 (0.20)	60.6 (0.38)	62.8 (0.35)	55.7 (0.34)	46.2 (0.34)
Chile	—	—	—	—	— (†)	— (†)	— (†)	— (†)	22.5 (0.11)	29.9 (0.24)	— (†)	— (†)	— (†)	— (†)	— (†)
Czech Republic	11.0	11.2	13.1	14.2	16.8 (—)	22.6 (—)	21.5 (0.12)	29.9 (0.30)	22.2 (0.12)	31.0 (0.31)	23.0 (0.13)	32.6 (0.32)	23.6 (0.24)	19.6 (0.24)	15.5 (0.20)
Denmark	25.8	29.3	33.5	39.8	33.3 (—)	37.6 (—)	35.8 (—)	42.1 (—)	37.1 (0.21)	44.5 (0.49)	38.2 (0.22)	45.9 (0.51)	43.5 (0.47)	34.5 (0.41)	29.9 (0.39)
Estonia	28.7	28.7	33.0	32.9	35.4 (0.46)	38.0 (1.03)	37.5 (0.42)	40.4 (0.89)	38.0 (0.42)	40.5 (0.89)	38.8 (0.42)	41.0 (0.89)	40.1 (0.84)	37.5 (0.81)	36.1 (0.84)
Finland	32.6	38.7	34.6	37.5	38.1 (—)	39.2 (—)	41.8 (0.17)	40.3 (0.37)	42.7 (0.30)	40.5 (0.68)	43.6 (0.19)	41.1 (0.40)	51.4 (0.40)	45.6 (0.38)	37.0 (0.35)
France	21.6	31.4	25.4	39.8	29.0 (—)	42.9 (—)	33.5 (0.10)	44.7 (0.23)	34.1 (0.09)	44.7 (0.22)	34.6 (0.09)	44.0 (0.22)	43.5 (0.20)	29.3 (0.17)	22.1 (0.15)
Germany	23.5	22.3	24.6	22.5	26.6 (—)	26.1 (—)	27.1 (0.07)	28.4 (0.16)	27.6 (0.07)	29.6 (0.16)	28.3 (0.07)	30.5 (0.16)	29.8 (0.16)	27.1 (0.13)	26.3 (0.14)
Greece	17.7	23.9	21.5	25.7	24.7 (0.11)	31.2 (0.24)	28.1 (0.13)	38.7 (0.31)	29.1 (0.13)	40.1 (0.32)	30.2 (0.13)	41.0 (0.32)	31.3 (0.26)	28.2 (0.23)	20.9 (0.21)
Hungary	14.0	14.7	17.1	19.6	20.1 (—)	26.0 (—)	23.4 (0.12)	32.1 (0.28)	24.2 (0.12)	32.1 (0.29)	23.7 (0.12)	30.4 (0.29)	26.6 (0.24)	20.6 (0.23)	17.2 (0.20)
Iceland	—	—	29.5	34.5	32.6 (0.50)	36.2 (0.99)	37.1 (0.52)	40.6 (1.06)	38.8 (0.53)	40.1 (1.08)	40.5 (0.55)	43.3 (1.16)	48.5 (1.14)	39.9 (1.06)	28.9 (1.00)
Ireland	21.6	29.8	29.1	40.7	37.6 (—)	48.3 (—)	41.0 (—)	50.8 (—)	42.8 (0.16)	52.0 (0.34)	— (†)	— (†)	— (†)	— (†)	— (†)
Israel	—	—	43.0	42.9	45.6 (—)	44.2 (—)	48.5 (—)	46.0 (—)	48.8 (—)	45.9 (—)	49.9 (0.13)	47.4 (0.25)	54.8 (0.24)	49.0 (0.26)	47.6 (0.27)
Italy	9.4	10.4	12.2	16.1	14.8 (—)	20.7 (—)	16.9 (0.07)	24.2 (0.19)	17.5 (0.07)	25.1 (0.19)	17.7 (0.07)	25.6 (0.19)	20.5 (0.15)	14.0 (0.12)	12.4 (0.12)
Japan <sup>3</sup>	33.6	47.8	39.9	53.2	44.8 (—)	56.7 (—)	48.2 (—)	58.6 (—)	49.5 (—)	59.6 (—)	50.5 (0.19)	60.1 (0.40)	55.1 (0.37)	47.8 (0.42)	39.7 (0.45)
Korea, Republic of	23.9	36.9	31.6	51.0	39.7 (—)	65.0 (—)	44.6 (—)	67.7 (—)	45.5 (—)	69.0 (—)	46.9 (0.25)	70.0 (0.45)	59.8 (0.46)	37.8 (0.47)	19.7 (0.50)
Latvia	18.2	17.3	20.3	21.7	26.9 (0.32)	34.7 (0.74)	30.2 (0.31)	39.4 (0.74)	31.6 (0.32)	39.9 (0.76)	33.4 (0.32)	42.1 (0.76)	36.3 (0.69)	28.0 (0.58)	27.0 (0.57)
Luxembourg	18.3	22.9	26.5	37.0	35.5 (—)	44.2 (—)	45.9 (0.57)	52.9 (1.36)	39.8 (0.37)	49.9 (0.82)	42.9 (0.47)	51.4 (1.07)	51.2 (0.96)	37.4 (0.87)	27.5 (0.80)
Mexico	14.6	17.5	12.7	14.9	14.7 (0.08)	17.7 (0.16)	16.0 (0.08)	20.3 (0.17)	16.3 (0.08)	20.8 (0.17)	16.8 (0.09)	21.8 (0.17)	16.3 (0.16)	14.2 (0.16)	12.6 (0.19)
Netherlands	23.4	26.6	30.1	35.4	32.4 (—)	40.8 (—)	34.4 (—)	44.3 (—)	35.3 (—)	45.1 (—)	36.0 (0.23)	45.2 (0.58)	40.9 (0.51)	31.9 (0.40)	27.4 (0.39)
New Zealand	—	—	—	—	— (†)	— (†)	35.6 (—)	40.4 (—)	34.0 (—)	39.1 (—)	36.3 (0.35)	43.4 (0.76)	40.6 (0.73)	32.2 (0.65)	28.2 (0.67)
Norway	—	—	32.7	40.9	37.3 (—)	47.3 (—)	41.8 (0.21)	49.0 (0.46)	42.7 (0.21)	48.1 (0.45)	43.0 (0.21)	48.6 (0.45)	48.7 (0.42)	40.4 (0.40)	33.0 (0.41)
Poland	11.4	14.2	16.9	25.5	22.5 (—)	37.1 (—)	27.0 (—)	42.6 (—)	27.7 (—)	43.2 (—)	28.7 (0.11)	43.5 (0.25)	35.3 (0.23)	20.4 (0.20)	13.9 (0.15)
Portugal	8.8	12.9	12.8	19.1	15.4 (—)	24.8 (—)	21.7 (0.14)	31.4 (0.37)	22.9 (0.14)	33.1 (0.39)	23.8 (0.15)	35.0 (0.41)	30.5 (0.30)	18.0 (0.24)	13.1 (0.22)
Slovak Republic	10.4	11.2	14.0	16.3	17.3 (—)	24.0 (—)	20.4 (0.35)	29.8 (0.86)	21.1 (0.36)	31.3 (0.88)	22.0 (0.37)	33.4 (0.91)	23.0 (0.75)	15.7 (0.66)	13.9 (0.55)
Slovenia	15.7	19.3	20.2	24.7	23.7 (—)	31.3 (—)	28.6 (—)	38.1 (—)	30.2 (0.25)	40.8 (0.57)	30.7 (0.25)	43.0 (0.57)	36.7 (0.54)	25.3 (0.44)	19.1 (0.40)
Spain	22.7	34.0	28.5	40.7	31.0 (0.08)	40.3 (0.17)	34.7 (0.08)	41.5 (0.19)	35.1 (0.08)	41.0 (0.19)	35.7 (0.08)	41.0 (0.20)	44.1 (0.16)	32.6 (0.15)	23.2 (0.14)
Sweden	30.1	33.6	29.6	37.3	33.9 (0.11)	42.2 (0.23)	38.7 (0.12)	46.0 (0.25)	39.8 (0.12)	46.4 (0.26)	41.1 (0.13)	47.2 (0.26)	49.3 (0.26)	36.2 (0.24)	30.8 (0.23)
Switzerland	24.2	25.6	28.8	31.0	33.9 (0.16)	37.4 (0.39)	38.4 (0.17)	44.2 (0.41)	39.8 (0.17)	46.5 (0.41)	41.2 (0.17)	48.8 (0.42)	46.1 (0.34)	37.9 (0.31)	31.6 (0.33)
Turkey	8.3	8.9	10.2	12.5	13.1 (—)	17.4 (—)	16.7 (—)	24.8 (—)	18.0 (—)	27.5 (—)	19.4 (0.08)	30.5 (0.20)	18.5 (0.16)	11.0 (0.13)	10.2 (0.14)
United Kingdom	25.7	28.9	29.7	35.3	38.2 (—)	46.0 (—)	42.2 (0.22)	49.2 (0.46)	44.2 (0.23)	49.9 (0.48)	46.0 (0.23)	52.0 (0.48)	51.6 (0.46)	42.0 (0.43)	37.6 (0.45)
United States <sup>4</sup>	36.5	38.1	39.1	39.4	41.7 (0.24)	42.3 (0.38)	44.2 (0.28)	45.7 (0.53)	44.6 (0.25)	46.5 (0.39)	45.7 (0.27)	47.5 (0.45)	48.3 (0.46)	44.9 (0.45)	41.9 (0.51)

See notes at end of table.

**Table 603.20. Percentage of the population 25 to 64 years old who attained any postsecondary degree, by age group and country: Selected years, 2000 through 2016—Continued**

[Standard errors appear in parentheses]

Country	2000		2005		2010		2014		2015		2016 <sup>1</sup>				
	Total, 25 to 64 years old	25 to 34 years old	Total, 25 to 64 years old	25 to 34 years old	Total, 25 to 64 years old	25 to 34 years old	Total, 25 to 64 years old	25 to 34 years old	Total, 25 to 64 years old	25 to 34 years old	Total, 25 to 64 years old	25 to 34 years old	35 to 44 years old	45 to 54 years old	55 to 64 years old
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
<b>Other reporting countries</b>															
Argentina .....	—	—	17.5	16.8	— (†)	— (†)	20.5 (—)	18.8 (—)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)
Brazil .....	—	—	—	—	— (†)	— (†)	14.3 (0.08)	16.3 (0.15)	14.8 (0.08)	16.6 (0.16)	— (†)	— (†)	— (†)	— (†)	— (†)
China .....	—	—	—	—	9.7 (—)	17.9 (—)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)
Colombia .....	—	—	—	—	— (†)	— (†)	22.4 (0.07)	27.7 (0.13)	21.6 (0.07)	27.4 (0.13)	22.2 (0.07)	28.1 (0.13)	24.0 (0.14)	17.8 (0.13)	14.8 (0.13)
Costa Rica .....	16.4	17.5	20.8	24.1	21.0 (0.37)	26.1 (0.70)	23.5 (0.37)	28.7 (0.71)	23.1 (0.37)	28.3 (0.70)	23.0 (0.37)	28.9 (0.72)	20.7 (0.71)	19.2 (0.70)	21.3 (0.86)
Indonesia .....	—	—	—	—	7.0 (—)	8.6 (—)	— (†)	— (†)	9.8 (—)	12.6 (—)	— (†)	— (†)	— (†)	— (†)	— (†)
Lithuania .....	41.8	39.7	26.5	36.9	32.4 (0.27)	46.3 (0.68)	36.7 (—)	52.6 (—)	38.7 (0.27)	54.8 (0.71)	39.7 (0.27)	54.9 (0.70)	44.6 (0.58)	30.5 (0.44)	30.7 (0.47)
Russian Federation .....	—	—	—	—	53.1 (—)	56.0 (—)	54.8 (—)	59.3 (—)	55.6 (—)	59.8 (—)	— (†)	— (†)	— (†)	— (†)	— (†)
Saudi Arabia .....	—	—	—	—	— (†)	— (†)	23.2 (—)	25.8 (—)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)
South Africa .....	—	—	—	—	11.2 (—)	9.5 (—)	11.9 (—)	10.6 (—)	12.0 (—)	10.1 (—)	— (†)	— (†)	— (†)	— (†)	— (†)

—Not available.

†Not applicable.

<sup>1</sup>For 2016, standard errors for the following countries were estimated by the National Center for Education Statistics (NCES): Canada, Korea, the Netherlands, Poland, Slovenia, and Turkey.

<sup>2</sup>Refers to the mean of the data values for all reporting Organization for Economic Cooperation and Development (OECD) countries, to which each country reporting data contributes equally. The average includes all current OECD countries for which a given year's data are available, even if they were not members of OECD in that year. Standard errors for the OECD average were estimated by NCES.

<sup>3</sup>Data for all years include some upper secondary and postsecondary nontertiary awards (i.e., awards that are below the associate's degree level).

<sup>4</sup>U.S. standard errors for all years were estimated by NCES.

NOTE: Data in this table include all tertiary degrees, which correspond to all degrees at the associate's level and above in the United States. The International Standard Classification of Education (ISCED) was revised in 2011. The previous version,

ISCED 1997, was used to calculate all data for years prior to 2014. ISCED 2011 was used to calculate all data for 2014 and later years (with the exception of data for China, Indonesia, Saudi Arabia, and South Africa, which were calculated using ISCED 1997). Under ISCED 2011, tertiary degrees are classified at the following levels: level 5 (corresponding to an associate's degree in the United States), level 6 (a bachelor's or equivalent degree), level 7 (a master's or equivalent degree), and level 8 (a doctoral or equivalent degree). Some data have been revised from previously published figures. Unless otherwise noted, all data in this table were calculated by OECD or the relevant country and had been validated for consistency and accuracy by OECD and the relevant country as of September 28, 2017. For more information on OECD and NCES estimation methodology used for this table, see the "Online Education Database" section of the entry for OECD in Appendix A: Guide to Sources. Standard errors for 2000 and 2005 have been excluded due to limited data availability. SOURCE: Organization for Economic Cooperation and Development (OECD), Online Education Database, retrieved October 20, 2017, from <http://stats.oecd.org/Index.aspx>. (This table was prepared October 2017.)

**Table 603.30. Percentage of the population 25 to 64 years old who attained a postsecondary degree, by highest degree attained, age group, and country: 2016**

[Standard errors appear in parentheses]

Country	Associate's degree (short-cycle tertiary)					Bachelor's or equivalent degree				
	Total, 25 to 64 years old	25 to 34 years old	35 to 44 years old	45 to 54 years old	55 to 64 years old	Total, 25 to 64 years old	25 to 34 years old	35 to 44 years old	45 to 54 years old	55 to 64 years old
1	2	3	4	5	6	7	8	9	10	11
<b>OECD average<sup>1</sup></b>	<b>7.8 (0.02)</b>	<b>7.5 (0.04)</b>	<b>8.8 (0.04)</b>	<b>8.4 (0.04)</b>	<b>7.0 (0.04)</b>	<b>16.3 (0.03)</b>	<b>22.3 (0.07)</b>	<b>18.1 (0.06)</b>	<b>13.5 (0.05)</b>	<b>10.9 (0.05)</b>
Australia	11.7 (0.19)	11.3 (0.38)	11.7 (0.38)	13.1 (0.40)	10.5 (0.38)	24.7 (0.26)	30.0 (0.54)	28.1 (0.53)	20.3 (0.48)	19.0 (0.49)
Austria	15.6 (0.12)	17.1 (0.26)	16.4 (0.24)	15.6 (0.21)	13.1 (0.21)	3.2 (0.06)	8.4 (0.19)	2.5 (0.10)	1.3 (0.06)	0.7 (0.05)
Belgium	0.4 (0.03)	0.5 (0.07)	0.4 (0.05)	0.4 (0.05)	0.4 (0.05)	21.1 (0.18)	24.0 (0.39)	23.7 (0.37)	20.4 (0.33)	16.4 (0.31)
Canada <sup>2</sup>	25.7 (0.16)	24.9 (0.30)	27.1 (0.30)	26.9 (0.27)	23.9 (0.29)	20.6 (0.16)	25.3 (0.32)	23.8 (0.33)	19.2 (0.30)	14.4 (0.26)
Chile <sup>2,3</sup>	7.9 (0.07)	8.7 (0.15)	9.0 (0.16)	8.1 (0.14)	5.4 (0.13)	13.3 (0.09)	20.0 (0.21)	14.2 (0.19)	8.6 (0.15)	9.3 (0.17)
Czech Republic	0.2 (0.01)	0.2 (0.03)	0.2 (0.02)	0.2 (0.02)	0.1 (0.02)	5.4 (0.07)	11.9 (0.22)	5.5 (0.13)	2.7 (0.10)	1.3 (0.06)
Denmark	4.8 (0.10)	4.5 (0.21)	5.7 (0.22)	5.1 (0.19)	4.0 (0.17)	20.3 (0.18)	23.7 (0.44)	20.7 (0.38)	18.9 (0.34)	18.5 (0.33)
Estonia	6.8 (0.22)	0.5 (0.13)	5.2 (0.38)	10.4 (0.51)	12.0 (0.57)	10.9 (0.27)	23.6 (0.77)	11.8 (0.55)	5.4 (0.38)	1.1 (0.19)
Finland	12.1 (0.13)	0.1 (0.03)	8.2 (0.22)	19.7 (0.30)	19.4 (0.28)	16.3 (0.14)	26.9 (0.36)	22.4 (0.34)	10.1 (0.23)	6.8 (0.18)
France	14.3 (0.07)	14.9 (0.16)	18.5 (0.15)	13.7 (0.13)	10.3 (0.11)	9.5 (0.06)	11.8 (0.14)	12.7 (0.13)	8.1 (0.10)	5.6 (0.09)
Germany	0.6 (0.01)	0.4 (0.02)	0.4 (0.02)	0.7 (0.02)	0.6 (0.02)	15.0 (0.06)	15.8 (0.12)	14.5 (0.12)	15.2 (0.10)	14.4 (0.11)
Greece	1.7 (0.04)	1.3 (0.07)	1.0 (0.06)	2.3 (0.08)	2.2 (0.08)	25.2 (0.12)	35.3 (0.31)	25.5 (0.24)	23.1 (0.22)	17.3 (0.20)
Hungary	1.3 (0.03)	3.0 (0.11)	1.4 (0.07)	0.6 (0.05)	0.3 (0.03)	13.2 (0.10)	15.7 (0.23)	14.8 (0.20)	11.8 (0.19)	10.3 (0.16)
Iceland	2.8 (0.18)	1.7 (0.30)	2.9 (0.38)	2.8 (0.35)	4.0 (0.43)	22.2 (0.47)	26.6 (1.03)	27.9 (1.03)	19.3 (0.86)	14.1 (0.77)
Ireland <sup>4</sup>	13.0 (0.11)	12.0 (0.22)	16.0 (0.22)	13.0 (0.21)	9.9 (0.20)	21.2 (0.13)	29.5 (0.31)	24.0 (0.26)	16.7 (0.24)	12.2 (0.22)
Israel	14.4 (0.09)	11.8 (0.16)	14.7 (0.17)	15.9 (0.19)	16.3 (0.20)	22.5 (0.11)	27.9 (0.22)	25.3 (0.21)	17.7 (0.20)	16.2 (0.20)
Italy	# (†)	0.1 (0.01)	— (†)	— (†)	— (†)	3.6 (0.03)	10.0 (0.13)	3.0 (0.06)	1.7 (0.04)	1.1 (0.04)
Japan <sup>4,5</sup>	21.1 (0.16)	20.6 (0.33)	25.0 (0.33)	22.0 (0.35)	15.9 (0.34)	29.4 (0.18)	39.5 (0.40)	30.1 (0.35)	25.8 (0.37)	23.8 (0.39)
Korea, Republic of <sup>6</sup>	13.2 (0.17)	22.1 (0.40)	18.2 (0.36)	8.5 (0.27)	4.0 (0.25)	33.7 (0.24)	47.9 (0.49)	41.6 (0.46)	29.2 (0.44)	15.7 (0.46)
Latvia	2.7 (0.11)	5.3 (0.35)	2.6 (0.23)	1.8 (0.17)	1.0 (0.13)	18.5 (0.27)	24.7 (0.67)	21.1 (0.58)	15.0 (0.46)	13.3 (0.43)
Luxembourg	4.6 (0.20)	3.9 (0.42)	5.5 (0.44)	5.6 (0.41)	3.0 (0.31)	15.1 (0.34)	19.4 (0.85)	16.4 (0.71)	12.7 (0.60)	10.9 (0.56)
Mexico	0.5 (0.02)	0.6 (0.03)	0.6 (0.03)	0.5 (0.03)	0.3 (0.03)	14.8 (0.08)	20.1 (0.17)	14.1 (0.15)	12.1 (0.15)	10.6 (0.17)
Netherlands	2.3 (0.07)	1.4 (0.14)	2.6 (0.16)	2.7 (0.14)	2.4 (0.14)	20.8 (0.19)	27.2 (0.52)	23.1 (0.44)	17.7 (0.33)	16.1 (0.32)
New Zealand	4.0 (0.14)	3.1 (0.27)	3.7 (0.28)	4.4 (0.29)	5.2 (0.33)	26.8 (0.33)	34.8 (0.73)	30.7 (0.68)	22.6 (0.58)	18.1 (0.57)
Norway	11.9 (0.14)	12.7 (0.30)	12.6 (0.28)	12.3 (0.27)	9.6 (0.26)	19.5 (0.17)	22.2 (0.37)	21.9 (0.35)	18.0 (0.32)	15.1 (0.31)
Poland	0.1 (0.01)	‡ (†)	‡ (†)	0.1 (0.02)	0.2 (0.02)	6.5 (0.06)	12.4 (0.17)	6.9 (0.12)	3.7 (0.09)	2.5 (0.07)
Portugal	† (†)	† (†)	† (†)	† (†)	† (†)	5.6 (0.08)	14.7 (0.30)	4.1 (0.13)	2.9 (0.11)	2.5 (0.10)
Slovak Republic	0.2 (0.04)	0.2 <sup>1</sup> (0.08)	‡ (†)	‡ (†)	0.3 <sup>1</sup> (0.08)	2.5 (0.14)	5.1 (0.43)	2.3 (0.27)	1.3 (0.20)	0.6 (0.13)
Slovenia	7.3 (0.14)	6.8 (0.29)	7.1 (0.29)	7.1 (0.26)	8.2 (0.28)	6.3 (0.13)	10.7 (0.36)	7.5 (0.30)	5.2 (0.22)	2.3 (0.15)
Spain	10.9 (0.05)	12.4 (0.13)	14.0 (0.11)	10.5 (0.10)	5.8 (0.08)	9.7 (0.05)	11.9 (0.13)	11.1 (0.10)	8.3 (0.09)	7.3 (0.09)
Sweden	9.9 (0.08)	10.9 (0.17)	8.7 (0.15)	9.6 (0.14)	10.5 (0.15)	16.6 (0.09)	22.4 (0.22)	20.3 (0.21)	13.0 (0.17)	10.0 (0.15)
Switzerland <sup>6</sup>	[ <sup>9</sup> ] (†)	[ <sup>9</sup> ] (†)	[ <sup>9</sup> ] (†)	[ <sup>9</sup> ] (†)	[ <sup>9</sup> ] (†)	20.1 (0.14)	25.1 (0.37)	22.2 (0.29)	17.9 (0.24)	14.9 (0.25)
Turkey	5.5 (0.05)	8.2 (0.12)	4.8 (0.09)	3.4 (0.08)	3.9 (0.09)	11.8 (0.07)	19.5 (0.17)	11.2 (0.13)	6.1 (0.10)	5.3 (0.10)
United Kingdom	10.2 (0.14)	7.7 (0.26)	9.8 (0.27)	11.6 (0.28)	12.0 (0.30)	22.9 (0.19)	30.0 (0.44)	26.1 (0.41)	19.0 (0.34)	16.0 (0.34)
United States	10.7 (0.13)	10.5 (0.24)	10.6 (0.22)	11.1 (0.24)	10.6 (0.23)	22.2 (0.20)	25.4 (0.39)	23.0 (0.37)	21.1 (0.34)	19.1 (0.34)

See notes at end of table.

**Table 603.30. Percentage of the population 25 to 64 years old who attained a postsecondary degree, by highest degree attained, age group, and country: 2016—Continued**

[Standard errors appear in parentheses]

Country	Master's or equivalent degree										Doctoral or equivalent degree									
	Total, 25 to 64 years old		25 to 34 years old		35 to 44 years old		45 to 54 years old		55 to 64 years old		Total, 25 to 64 years old		25 to 34 years old		35 to 44 years old		45 to 54 years old		55 to 64 years old	
	12	13	14	15	16	17	18	19	20	21										
<b>OECD average<sup>1</sup></b>	<b>11.9 (0.03)</b>	<b>14.0 (0.07)</b>	<b>14.3 (0.06)</b>	<b>10.5 (0.05)</b>	<b>8.5 (0.05)</b>	<b>1.0 (0.01)</b>	<b>0.7 (0.02)</b>	<b>1.4 (0.02)</b>	<b>1.1 (0.02)</b>	<b>0.9 (0.02)</b>										
Australia .....	6.2 (0.14)	7.4 (0.31)	7.6 (0.31)	5.3 (0.27)	3.9 (0.24)	1.2 (0.06)	0.6 (0.09)	1.4 (0.14)	1.3 (0.13)	1.5 (0.15)										
Austria .....	11.7 (0.10)	13.7 (0.24)	14.9 (0.24)	10.3 (0.17)	8.3 (0.17)	0.9 (0.03)	0.6 (0.05)	1.3 (0.07)	0.9 (0.05)	0.8 (0.06)										
Belgium .....	15.3 (0.15)	19.2 (0.36)	18.2 (0.33)	13.6 (0.28)	10.3 (0.25)	0.7 (0.04)	0.7 (0.08)	0.9 (0.08)	0.8 (0.07)	0.4 (0.05)										
Canada <sup>2</sup> .....	9.9 (0.13)	10.5 (0.25)	11.8 (0.26)	9.6 (0.22)	7.9 (0.19)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)										
Chile <sup>2,3</sup> .....	1.3 (0.03)	1.2 (0.06)	1.7 (0.07)	1.2 (0.06)	0.9 (0.06)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)										
Czech Republic .....	16.8 (0.11)	20.0 (0.27)	17.0 (0.21)	16.3 (0.22)	13.5 (0.19)	0.6 (0.02)	0.5 (0.05)	1.0 (0.06)	0.5 (0.04)	0.6 (0.05)										
Denmark .....	12.0 (0.15)	16.9 (0.39)	15.4 (0.34)	9.4 (0.25)	6.9 (0.22)	1.0 (0.05)	0.9 (0.10)	1.7 (0.12)	1.1 (0.09)	0.4 (0.06)										
Estonia .....	20.4 (0.35)	16.7 (0.68)	22.2 (0.71)	21.0 (0.68)	22.2 (0.73)	0.6 (0.07)	0.2! (0.09)	0.9 (0.16)	0.6 (0.13)	0.7 (0.15)										
Finland .....	14.0 (0.13)	13.8 (0.28)	18.6 (0.31)	14.3 (0.27)	9.6 (0.21)	1.3 (0.04)	0.3 (0.04)	2.1 (0.12)	1.4 (0.09)	1.2 (0.08)										
France .....	9.9 (0.06)	16.6 (0.17)	11.4 (0.13)	6.6 (0.09)	5.5 (0.08)	0.8 (0.02)	0.7 (0.04)	1.0 (0.04)	1.0 (0.04)	0.7 (0.03)										
Germany .....	11.4 (0.05)	13.5 (0.12)	13.0 (0.12)	9.7 (0.09)	9.9 (0.09)	1.4 (0.02)	0.9 (0.03)	1.8 (0.05)	1.5 (0.03)	1.4 (0.04)										
Greece .....	2.8 (0.05)	4.1 (0.13)	4.0 (0.11)	2.1 (0.07)	0.8 (0.05)	0.6 (0.02)	0.2 (0.03)	0.7 (0.05)	0.7 (0.04)	0.5 (0.04)										
Hungary .....	8.6 (0.08)	11.3 (0.20)	9.8 (0.16)	7.3 (0.15)	6.0 (0.13)	0.7 (0.02)	0.5 (0.04)	0.6 (0.04)	0.8 (0.05)	0.7 (0.04)										
Iceland .....	14.2 (0.39)	14.5 (0.82)	16.8 (0.85)	16.1 (0.80)	8.8 (0.62)	1.3 (0.13)	0.5! (0.17)	0.9 (0.22)	1.7 (0.28)	2.0 (0.31)										
Ireland <sup>4</sup> .....	7.7 (0.09)	9.7 (0.20)	9.6 (0.18)	6.3 (0.15)	4.2 (0.14)	0.9 (0.03)	0.8 (0.06)	1.2 (0.07)	0.9 (0.06)	0.6 (0.05)										
Israel .....	11.7 (0.08)	7.4 (0.13)	13.4 (0.17)	13.7 (0.18)	13.3 (0.19)	1.2 (0.03)	0.3 (0.03)	1.4 (0.06)	1.7 (0.07)	1.8 (0.07)										
Italy .....	13.7 (0.06)	15.1 (0.16)	16.8 (0.14)	11.9 (0.11)	11.2 (0.11)	0.4 (0.01)	0.4 (0.03)	0.7 (0.03)	0.4 (0.02)	0.2 (0.01)										
Japan <sup>4,5</sup> .....	‡ (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)										
Korea, Republic of <sup>6</sup> .....	‡ (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)										
Latvia .....	11.7 (0.22)	11.7 (0.50)	11.9 (0.46)	10.9 (0.41)	12.4 (0.42)	0.4 (0.04)	0.3 (0.09)	0.6 (0.11)	0.3 (0.07)	0.3 (0.07)										
Luxembourg .....	21.2 (0.39)	26.6 (0.95)	27.0 (0.85)	17.0 (0.68)	11.8 (0.58)	1.9 (0.13)	1.5 (0.26)	2.3 (0.29)	2.0 (0.25)	1.7 (0.24)										
Mexico .....	1.4 (0.03)	1.1 (0.04)	1.6 (0.05)	1.5 (0.06)	1.5 (0.07)	0.1 (0.01)	# (†)	0.1 (0.01)	0.1 (0.01)	0.2 (0.02)										
Netherlands .....	12.3 (0.16)	16.1 (0.43)	14.4 (0.36)	10.8 (0.26)	8.3 (0.24)	0.7 (0.04)	0.6 (0.09)	0.9 (0.10)	0.7 (0.07)	0.5 (0.06)										
New Zealand .....	4.5 (0.15)	4.9 (0.33)	5.0 (0.32)	4.3 (0.28)	3.6 (0.28)	1.0 (0.07)	0.5 (0.11)	1.3 (0.17)	0.9 (0.13)	1.3 (0.17)										
Norway .....	10.6 (0.13)	13.2 (0.30)	12.5 (0.28)	9.0 (0.24)	7.2 (0.22)	1.1 (0.04)	0.6 (0.07)	1.6 (0.11)	1.1 (0.09)	1.1 (0.09)										
Poland .....	21.6 (0.10)	30.7 (0.23)	27.5 (0.22)	16.1 (0.18)	10.8 (0.13)	0.5 (0.02)	0.3 (0.03)	0.8 (0.04)	0.5 (0.04)	0.4 (0.03)										
Portugal .....	17.6 (0.13)	20.1 (0.35)	25.7 (0.29)	14.1 (0.22)	10.2 (0.19)	0.6 (0.03)	0.2 (0.04)	0.7 (0.05)	1.0 (0.06)	0.4 (0.04)										
Slovak Republic .....	18.8 (0.35)	27.3 (0.86)	19.9 (0.71)	13.8 (0.62)	12.6 (0.53)	0.6 (0.07)	0.8 (0.17)	0.6 (0.14)	0.4 (0.12)	0.4 (0.10)										
Slovenia .....	14.4 (0.19)	22.2 (0.48)	17.7 (0.43)	10.7 (0.31)	7.6 (0.27)	2.8 (0.09)	3.2 (0.20)	4.4 (0.23)	2.4 (0.15)	1.0 (0.10)										
Spain .....	14.3 (0.06)	16.2 (0.15)	18.0 (0.13)	13.0 (0.11)	9.3 (0.10)	0.8 (0.01)	0.4 (0.03)	0.9 (0.03)	0.8 (0.03)	0.8 (0.03)										
Sweden .....	13.1 (0.09)	13.1 (0.18)	18.1 (0.20)	11.8 (0.16)	8.9 (0.14)	1.6 (0.03)	0.7 (0.05)	2.2 (0.08)	1.9 (0.07)	1.4 (0.06)										
Switzerland <sup>6</sup> .....	18.2 (0.14)	21.5 (0.35)	20.0 (0.28)	17.0 (0.24)	13.9 (0.25)	3.0 (0.06)	2.2 (0.12)	3.9 (0.13)	3.0 (0.11)	2.8 (0.12)										
Turkey .....	1.7 (0.03)	2.5 (0.07)	2.0 (0.06)	0.9 (0.04)	0.5 (0.03)	0.4 (0.01)	0.2 (0.02)	0.5 (0.03)	0.5 (0.03)	0.4 (0.03)										
United Kingdom .....	11.6 (0.15)	13.3 (0.33)	14.2 (0.32)	10.0 (0.26)	8.5 (0.26)	1.2 (0.05)	1.0 (0.10)	1.6 (0.12)	1.3 (0.10)	1.0 (0.09)										
United States .....	11.0 (0.15)	10.1 (0.26)	12.8 (0.26)	10.8 (0.26)	10.4 (0.29)	1.8 (0.06)	1.5 (0.11)	1.9 (0.11)	1.9 (0.11)	1.8 (0.11)										

—Not available.

†Not applicable.

#Rounds to zero.

!Interpret data with caution. The coefficient of variation (CV) for this estimate is between 30 and 50 percent.

‡Reporting standards not met. Either there are too few cases for a reliable estimate or the coefficient of variation (CV) is 50 percent or greater.

<sup>1</sup>Refers to the mean of the data values for all reporting Organization for Economic Cooperation and Development (OECD) countries, to which each country reporting data contributes equally.

<sup>2</sup>Doctoral or equivalent degree data are included in columns for master's or equivalent degree.

<sup>3</sup>Data are from 2015.

<sup>4</sup>Associate's degree data include some upper secondary and postsecondary nontertiary awards (i.e., awards that are below the associate's degree level).

<sup>5</sup>Master's or equivalent degree data and doctoral or equivalent degree data are included in columns for bachelor's or equivalent degree.

<sup>6</sup>Associate's degree data are included in columns for bachelor's or equivalent, master's or equivalent, and doctoral or equivalent degrees.

NOTE: All data in this table were calculated using the International Standard Classification of Education (ISCED) 2011 classification of tertiary degrees. Includes degrees at ISCED 2011 level 5 (short-cycle tertiary, which corresponds to the associate's degree in the United States), level 6 (bachelor's or equivalent degree), level 7 (master's or equivalent degree), and level 8 (doctoral or equivalent degree). Percentages are included in this table only if they had been validated for consistency and accuracy by OECD and the relevant country as of September 28, 2017. Standard errors for the OECD average and for the following countries were estimated by the National Center for Education Statistics (NCES): Canada, Japan, Korea, the Netherlands, Poland, Slovenia, Turkey, and the United States. Standard errors for all other countries were estimated by OECD or the relevant country. For more information on OECD and NCES estimation methodology, see the "Online Education Database" section of the entry for OECD in Appendix A: Guide to Sources.

SOURCE: Organization for Economic Cooperation and Development (OECD), Online Education Database, retrieved October 20, 2017, from <http://stats.oecd.org/Index.aspx>. (This table was prepared October 2017.)

**Table 603.90. Employment to population ratios of 25- to 64-year-olds, by sex, highest level of educational attainment, and country: 2016**

Country	Total population, 25 to 64 years old				Male				Female			
	All levels of education	Less than high school completion	High school completion	Associate's or higher degree	All levels of education	Less than high school completion	High school completion	Associate's or higher degree	All levels of education	Less than high school completion	High school completion	Associate's or higher degree
1	2	3	4	5	6	7	8	9	10	11	12	13
<b>OECD average<sup>1</sup></b>	<b>74.7</b>	<b>56.7</b>	<b>74.7</b>	<b>84.2</b>	<b>81.4</b>	<b>66.9</b>	<b>81.5</b>	<b>88.8</b>	<b>68.1</b>	<b>46.5</b>	<b>67.2</b>	<b>80.1</b>
Australia	76.5	58.1	78.2	83.5	83.1	66.7	84.8	89.3	70.1	50.2	69.9	78.8
Austria	75.7	53.9	75.9	86.2	80.1	60.5	79.4	88.5	71.4	49.9	72.0	83.8
Belgium	70.9	46.4	73.0	85.2	75.9	54.6	79.5	87.5	66.0	37.5	65.5	83.2
Canada	76.5	54.6	73.6	81.8	80.4	63.1	78.6	85.6	72.5	43.3	67.1	78.9
Chile <sup>2</sup>	71.2	62.2	71.8	84.4	86.3	83.6	85.9	91.0	58.4	43.9	59.6	78.8
Czech Republic	79.5	45.1	80.7	85.6	87.3	56.6	87.6	93.4	71.5	37.9	73.1	78.3
Denmark	79.6	63.5	81.1	85.9	83.4	71.7	84.8	88.7	75.7	53.8	76.8	83.8
Estonia	78.2	61.4	76.9	84.9	82.3	66.7	81.8	91.3	74.3	51.4	70.8	81.1
Finland	75.2	53.7	73.2	83.1	77.0	60.2	75.8	85.4	73.3	43.5	69.9	81.5
France	72.3	51.3	72.9	85.0	76.3	58.6	76.3	88.1	68.5	44.7	69.2	82.3
Germany	80.1	59.4	81.0	88.3	84.6	68.4	84.4	91.3	75.6	52.0	77.7	84.6
Greece	59.1	48.5	58.1	70.4	69.4	60.9	70.7	76.4	49.1	35.0	45.8	65.2
Hungary	74.1	51.7	76.1	85.0	81.5	62.2	82.9	91.2	67.0	43.6	68.2	80.5
Iceland	88.4	78.8	88.4	93.6	92.0	84.3	92.3	96.8	84.7	73.0	82.5	91.4
Ireland <sup>2</sup>	70.5	48.8	68.9	82.1	77.5	61.1	77.8	86.8	63.9	33.2	59.9	78.4
Israel	76.6	48.1	72.7	87.0	81.4	63.1	77.7	90.4	72.0	31.7	66.8	84.3
Italy	64.5	51.2	70.6	79.7	75.3	66.0	80.7	85.5	54.0	35.1	60.6	75.4
Japan <sup>3</sup>	80.5	—	—	83.3	90.6	—	—	93.4	70.3	—	—	73.3
Korea, Republic of	73.8	65.5	72.5	77.3	85.9	76.4	84.3	89.0	61.5	58.3	60.7	63.4
Latvia	75.1	58.8	71.2	87.2	76.8	64.5	75.0	88.7	73.6	49.4	66.8	86.4
Luxembourg	74.7	59.6	70.5	85.7	80.5	69.7	76.2	89.2	68.6	49.7	64.1	82.0
Mexico	68.5	64.8	70.5	79.8	88.5	88.6	88.9	88.0	50.8	44.4	54.6	71.6
Netherlands	78.4	60.7	79.4	88.4	84.5	72.9	84.8	91.3	72.2	49.3	73.8	85.5
New Zealand	81.5	71.7	82.1	87.3	87.9	78.9	89.5	92.2	75.6	65.0	74.1	83.3
Norway	80.6	61.7	80.2	88.8	82.6	67.1	83.1	89.5	78.5	55.7	76.5	88.1
Poland	71.5	40.7	68.4	87.5	78.6	51.8	77.5	92.0	64.5	29.3	57.9	84.4
Portugal	73.4	65.5	79.4	85.1	77.2	71.8	82.1	86.8	69.9	58.8	76.8	83.9
Slovak Republic	72.8	37.7	74.3	81.3	79.4	43.8	80.8	87.4	66.2	33.1	66.9	76.7
Slovenia	72.2	46.1	71.0	85.2	75.3	53.7	74.9	86.5	69.0	39.6	65.7	84.3
Spain	66.6	53.9	69.2	79.8	72.7	63.1	75.9	83.5	60.5	43.5	62.5	76.7
Sweden	83.7	65.9	85.3	89.6	85.8	72.4	87.5	90.4	81.6	58.6	82.3	88.9
Switzerland	82.8	67.6	81.9	88.5	87.9	75.2	86.8	91.9	77.7	61.6	77.5	84.2
Turkey	58.0	51.4	61.9	75.0	78.2	75.1	80.9	84.0	35.2	28.2	32.9	63.3
United Kingdom <sup>4</sup>	78.8	61.6	80.3	84.8	84.7	72.3	86.0	88.9	72.9	51.7	74.3	80.9
United States	73.5	56.6	68.8	81.6	79.4	68.4	75.0	86.9	67.8	43.2	62.3	77.1
<b>Other reporting countries</b>												
Argentina <sup>5</sup>	72.7	65.4	72.9	86.8	87.7	84.8	88.1	94.4	59.2	45.6	58.5	82.1
Brazil <sup>2</sup>	70.8	65.0	73.9	83.4	83.5	80.6	85.8	89.9	59.2	49.1	63.7	78.9
Colombia	75.7	72.0	76.5	82.5	89.2	89.5	89.0	89.1	63.0	54.3	64.6	77.4
Costa Rica	67.6	61.7	71.1	80.6	84.6	82.3	88.2	88.6	51.0	40.4	54.1	74.0
Indonesia <sup>2</sup>	72.9	71.1	72.7	84.9	91.8	92.4	90.9	91.6	53.9	52.2	48.9	77.8
Lithuania	78.2	49.3	72.6	91.0	78.9	53.2	76.0	92.6	77.5	41.7	68.9	90.0
Russia <sup>2</sup>	76.8	51.0	72.4	82.2	82.9	58.8	80.0	88.6	71.3	41.6	63.2	77.8
Saudi Arabia <sup>5</sup>	65.1	59.7	65.2	75.4	92.8	91.4	92.9	95.2	21.9	16.4	14.7	43.1
South Africa <sup>2</sup>	55.8	46.5	62.3	82.7	63.8	55.4	70.8	86.2	48.1	38.1	53.8	79.7

—Not available.

<sup>1</sup>Refers to the mean of the data values for all reporting Organization for Economic Cooperation and Development (OECD) countries, to which each country reporting data contributes equally.

<sup>2</sup>Data are for 2015 instead of 2016.

<sup>3</sup>Associate's or higher degree data include some persons (less than 5 percent of the total) whose highest level of education was high school completion or a postsecondary program below the associate's degree level.

<sup>4</sup>High school completion data include some persons (17 percent of the total) who have completed a sufficient volume and standard of programs, any one of which individually would be classified as a program that only partially completes the high school (or upper secondary) level of education.

<sup>5</sup>Data are for 2014 instead of 2016.

NOTE: All data in this table were calculated using International Standard Classification of Education (ISCED) 2011. High school completion refers to completion of ISCED 2011

level 3 (upper secondary education); programs classified under ISCED 2011 as only partially completing level 3 are not included in the high school completion data except where otherwise noted. In this table, persons completing ISCED 2011 level 4 are also considered to have high school completion as their highest level of educational attainment. ISCED level 4 typically corresponds to postsecondary vocational programs below the associate's degree level in the United States. Associate's or higher degrees include ISCED 2011 level 5 (corresponding to the associate's degree in the United States), level 6 (bachelor's or equivalent degree), level 7 (master's or equivalent degree), and level 8 (doctoral or equivalent degree). For each country, the employment to population ratio of 25- to 64-year-olds is the number of persons in this age group who are employed as a percentage of the total civilian population in this age group.

SOURCE: Organization for Economic Cooperation and Development (OECD), Online Education Database, retrieved June 7, 2018, from <http://stats.oecd.org/Index.aspx>. (This table was prepared June 2018.)

**Table 604.10. Average literacy and numeracy scale scores of 25- to 65-year-olds, by sex, age group, highest level of educational attainment, and country or other education system: 2012**

[Standard errors appear in parentheses]

Country or other education system <sup>1</sup>	Total population of 25- to 65-year-olds	Sex		Age group				Highest level of educational attainment <sup>2</sup>			
		Male	Female	25 to 34	35 to 44	45 to 54	55 to 65	Less than high school completion	High school completion	Associate's degree	Bachelor's or higher degree
1	2	3	4	5	6	7	8	9	10	11	12
<b>OECD average<sup>4</sup></b>	<b>271 (0.2)</b>	<b>273 (0.3)</b>	<b>270 (0.2)</b>	<b>284 (0.4)</b>	<b>279 (0.3)</b>	<b>268 (0.3)</b>	<b>255 (0.3)</b>	<b>235 (0.5)</b>	<b>268 (0.3)</b>	<b>286 (0.5)</b>	<b>302 (0.3)</b>
Austria	268 (0.8)	270 (1.1)	266 (1.0)	280 (1.5)	275 (1.7)	266 (1.4)	250 (1.6)	239 (2.1)	268 (0.9)	282 (2.2)	305 (1.7)
Canada	273 (0.6)	274 (0.9)	271 (0.9)	285 (1.3)	279 (1.4)	268 (1.3)	260 (1.1)	219 (2.1)	265 (1.1)	278 (1.2)	300 (1.0)
Czech Republic	273 (1.0)	274 (1.3)	271 (1.5)	287 (1.8)	275 (2.0)	266 (1.7)	262 (2.0)	242 (3.4)	269 (1.0)	293 (4.6)	303 (2.5)
Denmark	270 (0.7)	270 (1.1)	269 (0.9)	282 (1.7)	281 (1.6)	266 (1.4)	252 (1.1)	234 (2.1)	264 (1.2)	286 (1.3)	298 (1.5)
England (UK)	274 (1.1)	275 (1.4)	273 (1.4)	280 (2.1)	279 (1.6)	271 (1.8)	265 (2.0)	241 (1.6)	273 (1.5)	283 (2.4)	302 (1.9)
Estonia	273 (0.8)	273 (1.2)	274 (0.9)	286 (1.7)	278 (1.2)	269 (1.4)	261 (1.5)	244 (2.0)	267 (1.0)	276 (1.5)	298 (1.4)
Finland	286 (0.8)	284 (1.4)	287 (1.2)	309 (1.7)	299 (2.1)	284 (1.8)	260 (1.4)	245 (2.8)	276 (1.4)	294 (1.5)	318 (1.6)
Flanders (Belgium)	274 (0.9)	277 (1.1)	270 (1.1)	291 (1.8)	282 (1.6)	272 (1.6)	255 (1.6)	232 (2.0)	265 (2.1)	294 (1.6)	313 (1.7)
France	259 (0.6)	260 (0.9)	259 (0.8)	278 (1.4)	267 (1.3)	254 (1.2)	242 (1.3)	224 (1.3)	258 (0.9)	287 (1.4)	297 (1.2)
Germany	268 (1.0)	271 (1.2)	265 (1.3)	281 (1.8)	275 (1.6)	264 (1.7)	254 (1.7)	220 (3.0)	262 (1.1)	280 (2.3)	301 (1.6)
Ireland	266 (1.0)	267 (1.3)	264 (1.2)	276 (1.5)	271 (1.8)	259 (2.1)	251 (1.8)	232 (1.8)	266 (1.5)	279 (1.9)	301 (1.7)
Italy	249 (1.1)	249 (1.6)	248 (1.4)	260 (2.2)	253 (1.9)	249 (1.8)	233 (2.2)	231 (1.6)	263 (1.3)	†	282 (1.6)
Japan	296 (0.7)	297 (1.0)	294 (1.0)	309 (1.7)	307 (1.0)	297 (1.5)	273 (1.6)	260 (2.6)	287 (1.0)	304 (1.4)	320 (1.1)
Korea, Republic of	269 (0.6)	273 (0.9)	264 (0.9)	290 (1.2)	278 (1.2)	259 (1.4)	244 (1.4)	230 (1.7)	265 (1.0)	282 (1.4)	297 (1.3)
Netherlands	282 (0.8)	286 (1.2)	278 (1.0)	298 (2.0)	294 (1.8)	277 (1.7)	261 (1.6)	246 (1.7)	283 (1.3)	293 (3.4)	312 (1.3)
Northern Ireland (UK)	268 (2.1)	271 (2.7)	265 (2.0)	278 (2.9)	274 (2.3)	262 (2.6)	255 (3.2)	239 (2.6)	270 (2.6)	280 (3.3)	303 (2.9)
Norway	279 (0.7)	281 (1.1)	277 (1.1)	289 (1.8)	288 (1.6)	277 (1.5)	262 (1.5)	251 (1.8)	271 (1.4)	288 (3.1)	303 (1.1)
Poland	264 (0.7)	260 (1.1)	267 (1.0)	277 (1.5)	268 (1.9)	259 (1.7)	249 (1.7)	227 (2.6)	254 (1.0)	—	†
Slovak Republic	273 (0.7)	273 (1.0)	274 (0.9)	278 (1.4)	278 (1.4)	270 (1.3)	266 (1.3)	238 (1.9)	275 (0.9)	—	†
Spain	250 (0.8)	253 (1.1)	248 (1.2)	263 (1.5)	260 (1.3)	248 (1.5)	227 (1.9)	225 (1.3)	258 (1.4)	266 (2.1)	288 (1.3)
Sweden	278 (0.8)	280 (1.2)	276 (1.2)	290 (1.9)	287 (1.8)	276 (1.7)	262 (1.3)	238 (2.2)	277 (1.2)	294 (2.4)	309 (1.4)
United States	269 (1.1)	270 (1.3)	269 (1.4)	275 (2.0)	273 (1.8)	266 (1.7)	263 (1.5)	211 (2.7)	259 (1.4)	282 (2.8)	302 (1.7)
<b>Non-OECD education systems</b>											
Cyprus <sup>5</sup>	269 (0.9)	269 (1.3)	270 (1.1)	275 (1.7)	270 (1.5)	270 (1.7)	261 (1.6)	248 (1.9)	266 (1.2)	273 (2.0)	290 (1.5)
Russian Federation <sup>6</sup>	275 (3.0)	274 (3.3)	277 (3.1)	273 (4.1)	278 (3.9)	277 (3.7)	275 (3.9)	248 (7.5)	272 (4.2)	276 (2.8)	282 (3.1)
Numeracy scale score <sup>3</sup>											
<b>OECD average<sup>4</sup></b>	<b>268 (0.2)</b>	<b>275 (0.3)</b>	<b>262 (0.3)</b>	<b>279 (0.4)</b>	<b>275 (0.4)</b>	<b>266 (0.4)</b>	<b>253 (0.4)</b>	<b>227 (0.5)</b>	<b>265 (0.3)</b>	<b>283 (0.9)</b>	<b>303 (0.4)</b>
Austria	274 (0.9)	281 (1.3)	267 (1.1)	282 (1.7)	281 (2.0)	274 (1.7)	257 (1.7)	237 (2.3)	276 (1.1)	292 (2.6)	315 (1.8)
Canada	265 (0.8)	273 (1.0)	257 (1.0)	276 (1.4)	272 (1.5)	260 (1.4)	251 (1.4)	206 (2.5)	255 (1.2)	271 (1.5)	295 (1.0)
Czech Republic	275 (1.0)	280 (1.5)	270 (1.4)	288 (1.8)	277 (1.8)	272 (2.2)	263 (2.0)	235 (3.3)	271 (1.0)	287 (6.1)	313 (2.5)
Denmark	279 (0.8)	285 (1.4)	273 (1.0)	287 (1.9)	290 (1.6)	277 (1.6)	265 (1.2)	241 (2.4)	275 (1.3)	295 (1.4)	309 (1.8)
England (UK)	263 (1.1)	270 (1.4)	256 (1.6)	267 (2.2)	269 (1.9)	259 (1.9)	257 (1.9)	226 (1.9)	262 (1.5)	271 (3.0)	295 (2.2)
Estonia	272 (0.6)	276 (1.0)	269 (0.9)	284 (1.7)	275 (1.1)	269 (1.4)	259 (1.3)	236 (1.8)	265 (0.9)	275 (1.4)	300 (1.3)
Finland	282 (0.8)	286 (1.3)	277 (1.2)	302 (2.1)	292 (2.2)	279 (2.0)	260 (1.3)	244 (2.8)	271 (1.3)	291 (1.6)	314 (1.7)
Flanders (Belgium)	280 (0.9)	289 (1.2)	271 (1.3)	295 (1.9)	289 (1.8)	280 (1.9)	260 (1.6)	235 (1.9)	272 (1.2)	300 (1.5)	323 (1.8)
France	252 (0.7)	258 (1.0)	247 (1.0)	269 (1.5)	262 (1.6)	246 (1.4)	234 (1.5)	208 (1.3)	251 (1.0)	287 (1.7)	299 (1.4)
Germany	271 (1.1)	280 (1.4)	262 (1.4)	282 (1.8)	279 (2.0)	268 (1.9)	256 (1.9)	210 (3.4)	264 (1.2)	287 (2.5)	310 (1.7)
Ireland	255 (1.0)	261 (1.4)	249 (1.3)	266 (1.7)	260 (1.7)	250 (2.1)	238 (2.3)	218 (2.2)	254 (1.6)	274 (2.1)	294 (1.9)
Italy	246 (1.1)	253 (1.6)	240 (1.4)	262 (2.3)	251 (1.9)	244 (2.0)	229 (2.2)	225 (1.5)	265 (1.5)	†	280 (2.1)
Japan	289 (0.8)	296 (1.2)	282 (1.1)	297 (1.6)	297 (1.3)	291 (1.7)	273 (1.6)	247 (2.5)	281 (1.3)	291 (1.3)	319 (1.2)
Korea, Republic of	260 (0.7)	266 (1.0)	254 (1.1)	281 (1.4)	271 (1.5)	251 (1.4)	232 (1.7)	215 (1.9)	256 (1.0)	275 (1.6)	293 (1.5)
Netherlands	279 (0.8)	288 (1.3)	270 (1.1)	293 (1.8)	287 (2.1)	277 (1.7)	262 (1.7)	243 (1.9)	281 (1.2)	292 (3.5)	310 (1.3)
Northern Ireland (UK)	258 (1.8)	265 (2.2)	251 (2.0)	268 (2.9)	266 (2.4)	252 (2.1)	245 (3.1)	225 (2.9)	261 (2.1)	273 (3.0)	298 (2.4)
Norway	280 (0.9)	288 (1.3)	272 (1.2)	285 (2.0)	289 (1.9)	280 (1.7)	265 (1.7)	246 (2.2)	273 (1.5)	296 (3.7)	306 (1.3)
Poland	258 (1.0)	259 (1.5)	257 (1.0)	270 (1.5)	262 (2.2)	254 (2.1)	244 (1.9)	216 (3.1)	250 (1.2)	—	†
Slovak Republic	275 (0.9)	277 (1.2)	274 (1.1)	279 (1.6)	281 (1.7)	275 (1.6)	265 (1.6)	226 (2.4)	278 (1.0)	—	†
Spain	245 (0.7)	251 (1.1)	238 (1.1)	257 (1.3)	255 (1.3)	242 (1.6)	221 (1.7)	217 (1.3)	254 (1.5)	264 (2.4)	283 (1.3)
Sweden	279 (1.0)	286 (1.5)	272 (1.2)	288 (2.0)	286 (2.0)	276 (2.3)	268 (1.7)	237 (2.6)	277 (1.4)	297 (2.6)	311 (1.5)
United States	254 (1.2)	262 (1.3)	246 (1.5)	260 (2.2)	258 (1.9)	250 (2.1)	247 (1.8)	185 (3.1)	241 (1.5)	266 (3.1)	293 (1.7)
<b>Non-OECD education systems</b>											
Cyprus <sup>5</sup>	265 (0.9)	270 (1.2)	260 (1.3)	273 (2.0)	269 (1.6)	265 (1.8)	250 (1.8)	230 (2.3)	264 (1.4)	270 (2.1)	292 (1.6)
Russian Federation <sup>6</sup>	269 (2.8)	268 (3.3)	271 (3.0)	269 (4.2)	270 (3.6)	272 (3.2)	267 (3.9)	234 (8.5)	265 (4.0)	268 (2.6)	280 (3.0)

—Not available.

†Not applicable.

‡Reporting standards not met (too few cases).

<sup>1</sup>Most of the education systems represent complete countries, but three of them represent subnational entities: England (which is part of the United Kingdom), Flanders (which is part of Belgium), and Northern Ireland (which is part of the United Kingdom).

<sup>2</sup>High school completion includes International Standard Classification of Education (ISCED) 1997 levels 3 and 4, with the exception of ISCED level 3C short programs. ISCED 3C short programs do not correspond to high school completion in the United States and are included in the "less than high school completion" column in this table. The associate's degree data in this table refer to degrees classified as ISCED 1997 level 5B. The data for bachelor's or higher degree refer to degrees classified as ISCED 1997 level 5A and as level 6.

<sup>3</sup>Scale scores range from 0 to 500.

<sup>4</sup>Refers to the mean of the data values for all reporting Organization for Economic Cooperation and Development (OECD) countries and subnational education systems, to which each country or subnational education system reporting data contributes equally, with the exception of England (UK) and Northern Ireland (UK), which contribute to the mean as a combined entity, England/Northern Ireland (UK).

<sup>5</sup>Cyprus includes only the population under the effective control of the Government of the Republic of Cyprus. For the educational attainment data (columns 9 through 12), the item response rate for Cyprus is below 85 percent; missing data have not been explicitly accounted for.

<sup>6</sup>The Russian Federation does not include the population of the Moscow municipal region. SOURCE: Organization for Economic Cooperation and Development (OECD), Program for the International Assessment of Adult Competencies (PIAAC), 2012. (This table was prepared May 2016.)

**Table 604.20. Percentage distribution of 25- to 65-year-olds, by literacy proficiency level, numeracy proficiency level, selected levels of educational attainment, and country or other education system: 2012**  
[Standard errors appear in parentheses]

Country or other education system <sup>1</sup>	Highest level of educational attainment <sup>2</sup>												
	Total population of 25- to 65-year-olds				High school completion				Bachelor's or higher degree				
	At or below level 1	At level 2	At level 3	At level 4 or level 5	At or below level 1	At level 2	At level 3	At level 4 or level 5	At or below level 1	At level 2	At level 3	At level 4 or level 5	
1	2	3	4	5	6	7	8	9	10	11	12	13	
Percentage distribution, by literacy proficiency level													
<b>OECD average<sup>3</sup></b>	<b>16.6 (0.15)</b>	<b>34.0 (0.21)</b>	<b>37.6 (0.21)</b>	<b>11.8 (0.13)</b>	<b>15.1 (0.23)</b>	<b>39.7 (0.34)</b>	<b>38.0 (0.33)</b>	<b>7.2 (0.18)</b>	<b>4.0 (0.16)</b>	<b>18.7 (0.35)</b>	<b>49.5 (0.45)</b>	<b>27.8 (0.40)</b>	
Austria	16.3 (0.70)	39.0 (1.06)	36.7 (1.04)	8.0 (0.47)	14.3 (0.86)	41.9 (1.38)	37.9 (1.40)	5.9 (0.60)	2.51 (0.79)	16.8 (1.99)	52.9 (2.47)	27.8 (2.03)	
Canada	17.3 (0.47)	31.9 (0.70)	36.7 (0.74)	14.2 (0.55)	18.2 (0.85)	39.0 (1.05)	35.4 (1.13)	7.5 (0.80)	5.9 (0.49)	21.3 (0.88)	44.1 (1.20)	28.7 (1.20)	
Czech Republic	12.5 (0.87)	38.5 (1.87)	40.9 (1.76)	8.1 (0.77)	12.4 (1.11)	43.4 (2.34)	39.5 (1.97)	4.8 (0.73)	1.91 (0.89)	17.1 (3.16)	57.2 (3.80)	23.8 (3.21)	
Denmark	16.7 (0.58)	33.9 (0.83)	39.4 (0.81)	10.0 (0.57)	16.6 (1.01)	41.7 (1.48)	36.3 (1.46)	5.4 (0.64)	5.8 (0.69)	17.0 (1.20)	51.9 (1.86)	25.2 (1.87)	
England (UK)	16.1 (0.77)	32.8 (0.97)	36.7 (1.01)	14.4 (0.89)	14.4 (1.36)	35.4 (1.81)	39.2 (1.58)	11.0 (1.07)	5.5 (1.06)	18.1 (1.55)	46.2 (2.37)	30.1 (2.26)	
Estonia	14.3 (0.62)	35.5 (0.68)	39.3 (0.93)	10.9 (0.67)	16.0 (0.95)	40.4 (1.11)	37.2 (1.07)	6.5 (0.65)	4.4 (0.70)	22.8 (1.42)	48.4 (1.94)	24.5 (1.65)	
Finland	11.6 (0.57)	27.5 (0.90)	39.2 (0.92)	21.7 (0.61)	13.3 (0.99)	33.8 (1.65)	39.6 (1.55)	13.2 (1.03)	2.9 (0.66)	11.0 (1.23)	39.7 (2.01)	46.4 (1.74)	
Flanders (Belgium)	15.8 (0.66)	32.0 (0.96)	39.4 (1.06)	12.8 (0.65)	16.7 (1.13)	41.7 (1.53)	35.9 (1.76)	5.7 (0.68)	2.11 (0.65)	10.3 (1.62)	51.1 (2.84)	36.5 (2.44)	
France	23.6 (0.55)	36.6 (0.77)	32.5 (0.69)	7.3 (0.39)	20.4 (0.95)	45.2 (1.08)	31.1 (0.96)	3.4 (0.44)	5.1 (0.71)	20.2 (1.40)	52.2 (1.56)	22.5 (1.51)	
Germany	18.7 (0.86)	35.3 (1.12)	35.9 (1.00)	10.2 (0.64)	19.9 (1.13)	41.6 (1.55)	32.8 (1.33)	5.7 (0.73)	4.2 (0.90)	19.1 (1.66)	50.6 (1.84)	26.2 (1.80)	
Ireland	18.5 (0.87)	37.2 (0.91)	35.6 (0.89)	8.8 (0.62)	14.7 (1.18)	42.3 (1.62)	37.6 (1.78)	5.3 (0.90)	3.0 (0.71)	20.7 (1.64)	52.2 (1.96)	24.2 (1.87)	
Italy	29.2 (1.18)	42.5 (1.01)	25.1 (1.01)	3.2 (0.34)	16.6 (1.30)	44.6 (1.55)	34.9 (1.77)	3.9 (0.73)	9.2 (1.27)	30.9 (2.28)	48.2 (2.63)	11.7 (1.72)	
Japan	5.3 (0.43)	23.4 (0.90)	48.4 (1.06)	22.9 (0.75)	5.8 (0.78)	30.1 (1.42)	51.1 (1.45)	13.0 (1.03)	1.11 (0.35)	8.2 (0.96)	46.2 (2.06)	44.5 (1.93)	
Korea, Republic of	14.9 (0.60)	39.6 (0.92)	38.5 (0.96)	6.9 (0.43)	13.0 (0.92)	48.0 (1.67)	35.4 (1.74)	3.6 (0.50)	2.1 (0.56)	22.8 (1.48)	57.6 (1.66)	17.5 (1.30)	
Netherlands	13.4 (0.56)	27.5 (0.82)	41.1 (0.84)	18.0 (0.74)	8.9 (0.96)	30.9 (1.47)	46.5 (1.56)	13.8 (1.04)	2.7 (0.59)	12.7 (1.09)	47.5 (1.52)	37.0 (1.56)	
Northern Ireland (UK)	18.4 (1.29)	37.0 (1.71)	34.7 (1.76)	9.9 (0.78)	13.8 (1.97)	41.1 (2.91)	37.6 (3.61)	7.5 (1.21)	3.21 (0.99)	17.8 (2.14)	51.6 (2.26)	27.5 (2.55)	
Norway	12.5 (0.67)	30.1 (0.90)	42.6 (0.86)	14.9 (0.67)	13.1 (1.26)	37.7 (1.62)	41.5 (1.47)	7.7 (0.95)	4.5 (0.57)	16.3 (1.09)	50.1 (1.44)	29.0 (1.26)	
Poland	20.7 (0.73)	37.5 (1.09)	32.7 (1.05)	9.0 (0.60)	24.0 (1.08)	43.6 (1.39)	28.6 (1.15)	3.8 (0.53)	4.4 (0.77)	24.5 (1.53)	48.1 (2.05)	23.0 (1.68)	
Slovak Republic	11.9 (0.69)	36.7 (1.18)	44.0 (1.02)	7.4 (0.53)	8.7 (0.68)	39.2 (1.53)	46.1 (1.48)	6.0 (0.60)	2.71 (0.84)	23.3 (2.01)	57.4 (2.04)	16.6 (1.85)	
Spain	29.2 (0.84)	39.1 (0.84)	27.0 (0.76)	4.8 (0.43)	21.0 (1.42)	46.1 (1.96)	29.5 (1.81)	3.5 (0.82)	5.8 (0.90)	29.3 (1.76)	50.1 (2.15)	14.8 (1.40)	
Sweden	14.1 (0.71)	29.0 (1.13)	40.5 (0.99)	16.4 (0.62)	11.7 (0.96)	32.9 (1.71)	44.9 (1.83)	10.5 (0.90)	4.9 (0.64)	13.2 (1.35)	44.5 (1.78)	37.4 (1.90)	
United States	19.2 (0.88)	32.8 (1.15)	35.5 (1.08)	12.5 (0.79)	22.0 (1.32)	41.7 (1.83)	30.8 (1.38)	5.5 (0.79)	3.7 (0.68)	18.9 (1.28)	49.6 (1.79)	27.8 (2.02)	
<b>Non-OECD education systems</b>													
Cyprus <sup>4</sup>	14.4 (0.73)	39.7 (1.31)	38.7 (1.18)	7.1 (0.53)	14.5 (1.20)	43.1 (2.24)	37.5 (2.17)	4.8 (0.79)	4.6 (0.94)	29.9 (2.42)	49.3 (2.27)	16.2 (1.45)	
Russian Federation <sup>5</sup>	12.9 (1.63)	34.7 (1.92)	41.5 (2.17)	10.9 (1.93)	15.0 (2.46)	35.8 (2.59)	39.9 (3.68)	9.41 (2.87)	9.8 (1.85)	31.2 (3.01)	45.3 (3.29)	13.7 (2.60)	
Percentage distribution, by numeracy proficiency level													
<b>OECD average<sup>3</sup></b>	<b>19.8 (0.16)</b>	<b>33.1 (0.20)</b>	<b>34.3 (0.20)</b>	<b>12.8 (0.14)</b>	<b>18.4 (0.25)</b>	<b>38.8 (0.33)</b>	<b>34.6 (0.33)</b>	<b>8.2 (0.19)</b>	<b>5.0 (0.18)</b>	<b>19.6 (0.35)</b>	<b>45.3 (0.45)</b>	<b>30.1 (0.40)</b>	
Austria	15.0 (0.72)	34.2 (0.96)	37.0 (1.05)	13.8 (0.66)	11.7 (0.90)	37.1 (1.27)	39.6 (1.41)	11.5 (0.88)	2.51 (0.94)	12.9 (1.90)	44.6 (2.56)	40.0 (2.33)	
Canada	23.3 (0.57)	31.8 (0.65)	32.2 (0.76)	12.7 (0.50)	26.8 (1.21)	38.0 (1.25)	29.2 (1.7)	6.0 (0.58)	8.3 (0.67)	23.5 (1.12)	42.0 (1.58)	26.2 (1.23)	
Czech Republic	13.2 (0.87)	35.4 (1.31)	39.9 (1.24)	11.5 (0.81)	12.7 (1.02)	40.1 (1.72)	40.7 (1.76)	6.6 (0.84)	1.11 (0.44)	13.5 (2.52)	50.0 (3.70)	35.4 (3.22)	
Denmark	14.3 (0.58)	29.7 (0.78)	38.3 (0.82)	17.7 (0.56)	12.8 (1.07)	35.4 (1.41)	39.8 (1.37)	12.0 (0.95)	5.5 (0.64)	14.0 (1.36)	41.9 (1.70)	38.7 (1.91)	
England (UK)	24.1 (1.04)	32.8 (1.15)	30.7 (1.08)	12.3 (0.85)	22.4 (1.43)	37.1 (1.79)	31.8 (2.03)	8.8 (1.35)	8.1 (1.61)	23.2 (1.95)	42.1 (2.07)	26.6 (1.92)	
Estonia	15.0 (0.55)	36.6 (0.71)	37.4 (0.63)	11.0 (0.46)	16.5 (0.95)	42.3 (1.15)	34.6 (1.07)	6.5 (0.60)	4.2 (0.64)	21.4 (1.48)	49.0 (2.02)	25.5 (1.55)	
Finland	13.5 (0.58)	29.3 (0.70)	37.5 (0.91)	19.7 (0.66)	16.4 (0.98)	35.7 (1.27)	36.0 (1.39)	11.8 (1.04)	3.3 (0.67)	13.5 (1.38)	41.9 (1.94)	41.3 (1.89)	
Flanders (Belgium)	14.7 (0.68)	29.2 (0.83)	37.8 (1.03)	18.3 (0.78)	15.0 (1.04)	37.1 (1.55)	38.0 (1.57)	10.0 (1.06)	1.71 (0.63)	8.4 (1.45)	41.4 (2.45)	48.4 (2.52)	
France	29.9 (0.69)	33.5 (0.79)	28.3 (0.59)	8.4 (0.37)	26.8 (1.02)	43.0 (1.16)	26.8 (0.99)	3.4 (0.42)	5.9 (0.79)	20.0 (1.13)	48.2 (1.40)	25.9 (1.37)	
Germany	19.1 (0.79)	31.5 (0.91)	34.9 (0.90)	14.5 (0.68)	19.7 (1.05)	38.7 (1.30)	33.4 (1.42)	8.1 (0.74)	3.4 (0.88)	15.6 (1.65)	45.5 (1.71)	35.5 (1.86)	
Ireland	25.8 (0.94)	37.7 (0.96)	28.7 (0.89)	7.8 (0.66)	23.8 (1.57)	43.6 (1.58)	28.1 (1.37)	4.5 (0.72)	5.2 (0.89)	26.8 (1.74)	46.5 (2.31)	21.5 (2.14)	
Italy	32.4 (1.13)	39.0 (1.15)	24.1 (1.03)	4.6 (0.37)	17.4 (1.38)	40.7 (1.92)	35.3 (1.81)	6.6 (0.75)	11.8 (1.65)	31.7 (2.32)	42.3 (2.59)	14.2 (1.80)	
Japan	8.2 (0.55)	27.7 (0.92)	44.4 (0.94)	19.7 (0.70)	8.6 (1.01)	34.0 (1.56)	46.3 (1.61)	11.0 (1.10)	1.01 (0.41)	10.4 (0.99)	45.0 (1.86)	43.5 (1.76)	
Korea, Republic of	21.3 (0.64)	40.3 (0.98)	32.1 (0.89)	6.3 (0.52)	20.3 (1.14)	49.4 (1.34)	27.5 (1.40)	2.8 (0.56)	3.3 (0.67)	26.4 (1.65)	53.3 (2.00)	17.0 (1.55)	
Netherlands	14.5 (0.60)	28.6 (0.85)	39.3 (1.00)	17.6 (0.72)	10.5 (1.13)	32.4 (1.78)	43.3 (1.93)	13.8 (1.10)	2.8 (0.64)	15.6 (1.14)	46.8 (1.78)	34.9 (1.78)	
Northern Ireland (UK)	26.0 (1.54)	36.1 (1.36)	29.4 (1.34)	8.5 (0.74)	20.4 (2.01)	42.9 (2.24)	30.9 (2.52)	5.8 (1.19)	4.8 (1.10)	21.5 (2.20)	49.2 (2.74)	24.5 (2.32)	
Norway	14.4 (0.62)	28.1 (0.89)	38.3 (0.96)	19.1 (0.73)	15.0 (1.19)	34.8 (1.58)	38.3 (1.46)	11.8 (1.24)	5.4 (0.61)	15.8 (1.07)	44.2 (1.57)	34.5 (1.46)	
Poland	24.9 (0.88)	37.5 (1.03)	29.4 (1.10)	8.1 (0.63)	28.2 (1.11)	42.7 (1.52)	25.3 (1.25)	3.9 (0.62)	7.3 (1.00)	28.0 (1.77)	44.7 (2.28)	20.0 (1.63)	
Slovak Republic	14.1 (0.65)	32.5 (0.96)	40.8 (1.07)	12.6 (0.72)	9.9 (0.71)	36.0 (1.21)	44.0 (1.32)	10.2 (0.93)	2.01 (0.65)	18.1 (1.58)	51.0 (2.49)	28.9 (2.12)	
Spain	32.1 (0.72)	39.6 (0.97)	24.2 (0.78)	4.1 (0.37)	22.8 (1.63)	46.9 (2.07)	26.8 (1.88)	3.6 (0.73)	7.0 (0.88)	33.7 (1.85)	47.4 (2.18)	11.9 (1.35)	
Sweden	15.2 (0.79)	27.9 (1.08)	37.5 (1.02)	19.4 (0.76)	13.1 (1.02)	31.5 (1.70)	40.9 (1.90)	14.5 (1.16)	4.9 (0.68)	14.0 (1.69)	40.8 (1.85)	40.2 (2.00)	
United States	29.8 (0.93)	32.9 (1.05)	27.7 (0.90)	9.6 (0.66)	36.4 (1.34)	39.3 (1.69)	20.6 (1.58)	3.7 (0.67)	7.5 (0.73)	24.1 (1.56)	45.9 (1.82)	22.6 (1.82)	
<b>Non-OECD education systems</b>													
Cyprus <sup>4</sup>	18.9 (0.81)	38.6 (1.17)	33.9 (1.17)	8.7 (0.62)	17.4 (1.30)	42.1 (1.93)	34.1 (1.99)	6.4 (1.08)	5.6 (0.96)	28.5 (2.07)	46.1 (2.26)	19.9 (1.62)	
Russian Federation <sup>5</sup>	14.4 (1.66)	39.8 (1.95)	38.1 (1.74)	7.7 (1.44)	17.1 (3.00)	41.5 (3.33)	35.5 (3.59)	5.9 (1.74)	8.5 (1.59)	36.7 (2.84)	42.9 (2.56)	11.9 (2.27)	

<sup>1</sup>Interpret data with caution. The coefficient of variation (CV) for this estimate is between 30 and 50 percent.

<sup>2</sup>Most of the education systems represent complete countries, but three of them represent subnational entities: England (which is part of the United Kingdom), Flanders (which is part of Belgium), and Northern Ireland (which is part of the United Kingdom).

<sup>3</sup>High school completion includes International Standard Classification of Education (ISCED) 1997 levels 3 and 4, with the exception of ISCED level 3C short programs. ISCED 3C short programs do not correspond to high school completion in the United States and are not included in the high school completion columns in this table. The data for bachelor's or higher degree refer to degrees classified as ISCED 1997 level 5A and as level 6.

<sup>4</sup>Refers to the mean of the data values for all reporting Organization for Economic Cooperation and Development (OECD) countries and subnational education systems, to which each country or subnational education system reporting data contributes equally, with the exception of England (UK) and Northern Ireland (UK), which contribute to the mean as a combined entity, England/Northern Ireland (UK).

<sup>5</sup>Cyprus includes only the population under the effective control of the Government of the Republic of Cyprus. For the educational attainment data (columns 6 through 13), the item response rate for Cyprus is below 85 percent; missing data have not been explicitly accounted for.

<sup>6</sup>The Russian Federation does not include the population of the Moscow municipal region. NOTE: In this table, scores below level 1 and scores at level 1 are combined into the "at or below level 1" reporting category; scores at level 4 and scores at level 5 are combined into the "at level 4 or level 5" reporting category. For both literacy and numeracy, the proficiency-level reporting categories correspond to the score ranges shown in parentheses: at or below level 1 (0–225.9), at level 2 (226.0–275.9), at level 3 (276.0–325.9), at level 4 or level 5 (326.0–500.0).

SOURCE: Organization for Economic Cooperation and Development (OECD), Program for the International Assessment of Adult Competencies (PIAAC), 2012. (This table was prepared May 2016.)

**Table 604.30. Employment rates and mean monthly earnings of 25- to 65-year-olds, by literacy proficiency level, numeracy proficiency level, and country or other education system: 2012**  
[Standard errors appear in parentheses]

Country or other education system <sup>1</sup>	Total population of 25- to 65-year-olds		Proficiency level <sup>2</sup>							
			At or below level 1		At level 2		At level 3		At level 4 or level 5	
	Employment rate of labor force <sup>3</sup>	Mean monthly earnings (in current dollars) <sup>4</sup>	Employment rate of labor force <sup>3</sup>	Mean monthly earnings (in current dollars) <sup>4</sup>	Employment rate of labor force <sup>3</sup>	Mean monthly earnings (in current dollars) <sup>4</sup>	Employment rate of labor force <sup>3</sup>	Mean monthly earnings (in current dollars) <sup>4</sup>	Employment rate of labor force <sup>3</sup>	Mean monthly earnings (in current dollars) <sup>4</sup>
1	2	3	4	5	6	7	8	9	10	11
<b>Literacy</b>										
<b>OECD average<sup>5</sup></b>	<b>93.7 (0.08)</b>	<b>\$2,930 (9)</b>	<b>89.7 (0.36)</b>	<b>\$2,170 (24)</b>	<b>93.1 (0.19)</b>	<b>\$2,580 (16)</b>	<b>95.1 (0.16)</b>	<b>\$3,140 (16)</b>	<b>96.4 (0.30)</b>	<b>\$3,740 (36)</b>
Austria	96.2 (0.38)	— (†)	92.9 (1.54)	— (†)	96.0 (0.79)	— (†)	97.2 (0.60)	— (†)	97.8 (1.28)	— (†)
Canada	95.9 (0.22)	— (†)	93.7 (0.92)	— (†)	95.4 (0.55)	— (†)	96.7 (0.46)	— (†)	97.3 (0.61)	— (†)
Czech Republic	94.2 (0.20)	1,620 (22)	91.3 (2.62)	1,320 (66)	92.6 (0.93)	1,470 (43)	95.6 (0.87)	1,720 (43)	97.7 (1.39)	2,030 (96)
Denmark	94.5 (0.38)	4,090 (28)	90.8 (1.45)	3,210 (84)	94.5 (0.75)	3,730 (53)	95.0 (0.62)	4,390 (58)	96.4 (1.44)	4,850 (139)
England (UK)	94.0 (0.08)	3,180 (43)	87.5 (1.65)	2,140 (108)	92.5 (0.91)	2,610 (91)	96.2 (0.55)	3,440 (96)	97.3 (0.79)	4,380 (151)
Estonia	93.4 (0.34)	1,750 (25)	89.5 (1.48)	1,420 (75)	92.1 (0.75)	1,560 (42)	94.5 (0.53)	1,820 (41)	97.4 (0.74)	2,260 (87)
Finland	95.5 (0.39)	3,250 (18)	92.5 (2.04)	2,670 (120)	95.3 (0.84)	2,920 (56)	95.8 (0.59)	3,330 (43)	96.1 (0.63)	3,590 (56)
Flanders (Belgium)	98.0 (0.21)	3,650 (35)	96.5 (0.93)	2,790 (106)	97.4 (0.55)	3,220 (67)	98.6 (0.40)	3,860 (69)	98.9 (0.68)	4,470 (151)
France	92.9 (0.19)	2,490 (17)	89.4 (1.08)	1,910 (39)	92.9 (0.66)	2,340 (33)	94.3 (0.64)	2,760 (33)	95.0 (1.39)	3,270 (84)
Germany	95.2 (0.40)	— (†)	91.1 (1.53)	— (†)	94.9 (0.84)	— (†)	96.3 (0.63)	— (†)	98.3 (0.73)	— (†)
Ireland	89.2 (0.53)	3,410 (52)	83.6 (1.95)	2,370 (106)	86.7 (1.12)	2,950 (68)	92.0 (1.02)	3,820 (90)	95.8 (1.36)	4,610 (206)
Italy	87.7 (0.66)	2,510 (36)	84.1 (1.91)	2,290 (103)	87.2 (1.30)	2,360 (68)	90.8 (1.34)	2,800 (75)	93.5 (3.39)	3,140 (248)
Japan	97.6 (0.22)	3,000 (37)	98.9 (1.01)	2,210 (199)	99.1 (0.63)	2,540 (84)	97.5 (0.45)	3,000 (60)	96.2 (0.83)	3,550 (100)
Korea, Republic of	96.8 (0.27)	3,000 (32)	97.4 (0.86)	2,180 (86)	97.0 (0.53)	2,820 (60)	96.7 (0.59)	3,290 (63)	95.5 (1.71)	3,960 (133)
Netherlands	95.8 (0.41)	3,490 (30)	91.5 (2.00)	2,350 (117)	94.7 (0.93)	2,930 (75)	97.0 (0.59)	3,640 (63)	96.8 (0.88)	4,230 (90)
Northern Ireland (UK)	94.7 (0.49)	2,750 (42)	90.6 (2.03)	1,820 (90)	94.4 (0.96)	2,330 (96)	95.9 (1.01)	3,070 (92)	96.0 (2.10)	3,870 (188)
Norway	97.1 (0.31)	4,090 (30)	93.6 (1.66)	2,910 (110)	96.8 (0.74)	3,630 (66)	97.6 (0.45)	4,340 (56)	98.8 (0.65)	4,850 (99)
Poland	91.9 (0.49)	1,610 (22)	88.0 (1.75)	1,260 (56)	90.8 (1.08)	1,430 (52)	93.9 (0.89)	1,780 (56)	95.5 (1.56)	2,190 (90)
Slovak Republic	90.7 (0.48)	1,570 (25)	79.6 (2.60)	1,060 (63)	90.4 (1.06)	1,380 (39)	92.5 (0.80)	1,700 (46)	93.3 (2.09)	2,110 (150)
Spain	82.7 (0.63)	2,390 (32)	75.1 (1.60)	1,910 (55)	82.5 (1.32)	2,260 (48)	87.4 (1.19)	2,680 (61)	92.1 (2.30)	3,280 (157)
Sweden	94.9 (0.44)	— (†)	85.3 (2.21)	— (†)	94.2 (1.01)	— (†)	96.3 (0.69)	— (†)	98.4 (0.73)	— (†)
United States	92.5 (0.44)	4,260 (80)	89.0 (1.53)	2,730 (150)	90.8 (1.13)	3,480 (110)	93.8 (0.85)	4,740 (148)	97.1 (0.72)	6,310 (323)
<b>Non-OECD education systems</b>										
Cyprus <sup>6</sup>	92.0 (0.64)	2,860 (38)	87.3 (2.50)	2,490 (149)	91.8 (1.22)	2,660 (73)	93.1 (1.03)	3,010 (73)	93.9 (2.04)	3,440 (197)
Russian Federation <sup>7</sup>	94.9 (1.02)	840 (25)	95.0 (2.53)	790 (55)	95.9 (1.48)	770 (31)	95.0 (1.33)	870 (36)	91.7 (2.82)	1,000 (61)
<b>Numeracy</b>										
<b>OECD average<sup>5</sup></b>	<b>93.7 (0.08)</b>	<b>\$2,930 (9)</b>	<b>88.8 (0.36)</b>	<b>\$2,110 (21)</b>	<b>93.2 (0.20)</b>	<b>\$2,560 (16)</b>	<b>95.5 (0.17)</b>	<b>\$3,180 (18)</b>	<b>97.0 (0.27)</b>	<b>\$3,940 (38)</b>
Austria	96.2 (0.38)	— (†)	92.7 (1.56)	— (†)	95.9 (0.79)	— (†)	97.0 (0.56)	— (†)	97.6 (0.88)	— (†)
Canada	95.9 (0.22)	— (†)	93.0 (0.83)	— (†)	95.7 (0.57)	— (†)	96.8 (0.54)	— (†)	98.4 (0.58)	— (†)
Czech Republic	94.2 (0.20)	1,620 (22)	87.3 (2.81)	1,280 (56)	92.8 (0.92)	1,460 (38)	95.9 (0.69)	1,690 (43)	97.9 (1.82)	2,060 (86)
Denmark	94.5 (0.38)	4,090 (28)	89.4 (1.72)	3,100 (84)	93.2 (1.02)	3,580 (66)	95.6 (0.60)	4,210 (64)	96.8 (0.77)	4,980 (98)
England (UK)	94.0 (0.08)	3,180 (43)	87.6 (1.25)	2,120 (90)	94.1 (0.83)	2,690 (81)	96.5 (0.74)	3,650 (102)	97.6 (0.87)	4,530 (179)
Estonia	93.4 (0.34)	1,750 (25)	87.6 (1.53)	1,250 (65)	92.2 (0.76)	1,520 (46)	94.9 (0.58)	1,850 (45)	98.0 (0.73)	2,470 (83)
Finland	95.5 (0.39)	3,250 (18)	90.8 (2.06)	2,510 (89)	94.9 (0.94)	2,880 (57)	96.3 (0.58)	3,320 (47)	96.8 (0.62)	3,830 (73)
Flanders (Belgium)	98.0 (0.21)	3,650 (35)	96.8 (0.99)	2,640 (96)	97.4 (0.62)	3,100 (65)	98.5 (0.39)	3,740 (57)	98.5 (0.51)	4,650 (129)
France	92.9 (0.19)	2,490 (17)	89.1 (0.87)	1,850 (31)	92.4 (0.75)	2,300 (32)	95.5 (0.84)	2,860 (37)	95.7 (1.42)	3,440 (87)
Germany	95.2 (0.40)	— (†)	89.8 (1.52)	— (†)	94.5 (0.89)	— (†)	96.4 (0.65)	— (†)	98.8 (0.58)	— (†)
Ireland	89.2 (0.53)	3,410 (52)	84.1 (1.85)	2,340 (96)	88.2 (1.12)	3,030 (85)	92.1 (1.17)	3,970 (113)	94.9 (1.77)	4,990 (281)
Italy	87.7 (0.66)	2,510 (36)	82.5 (1.91)	2,260 (105)	88.0 (1.28)	2,330 (60)	90.8 (1.28)	2,770 (84)	95.0 (2.64)	3,290 (205)
Japan	97.6 (0.22)	3,000 (37)	98.8 (0.95)	1,980 (141)	96.9 (0.83)	2,420 (85)	97.6 (0.54)	2,990 (66)	98.1 (0.64)	4,030 (99)
Korea, Republic of	96.8 (0.27)	3,000 (32)	96.4 (0.85)	2,210 (72)	96.8 (0.52)	2,880 (61)	96.9 (0.61)	3,370 (68)	97.1 (1.17)	4,040 (145)
Netherlands	95.8 (0.41)	3,490 (30)	90.1 (1.95)	2,280 (116)	95.5 (0.92)	2,900 (79)	96.9 (0.57)	3,650 (70)	97.2 (0.96)	4,470 (106)
Northern Ireland (UK)	94.7 (0.49)	2,750 (42)	91.2 (1.54)	1,810 (81)	94.5 (1.19)	2,400 (70)	96.4 (1.06)	3,230 (107)	96.0 (2.39)	3,990 (213)
Norway	97.1 (0.31)	4,090 (30)	92.9 (1.65)	2,880 (119)	96.6 (0.77)	3,480 (69)	97.9 (0.45)	4,250 (61)	98.5 (0.56)	5,110 (101)
Poland	91.9 (0.49)	1,610 (22)	86.5 (1.75)	1,260 (53)	91.8 (1.15)	1,430 (38)	94.0 (0.86)	1,800 (49)	96.4 (1.47)	2,290 (107)
Slovak Republic	90.7 (0.48)	1,570 (25)	75.3 (2.92)	1,030 (62)	89.5 (1.12)	1,320 (52)	93.4 (0.77)	1,660 (43)	94.9 (1.41)	2,090 (94)
Spain	82.7 (0.63)	2,390 (32)	74.2 (1.59)	1,830 (51)	82.7 (1.45)	2,270 (53)	88.9 (1.51)	2,800 (68)	93.3 (2.70)	3,300 (170)
Sweden	94.9 (0.44)	— (†)	86.2 (2.24)	— (†)	93.9 (1.33)	— (†)	96.5 (0.68)	— (†)	98.2 (0.63)	— (†)
United States	92.5 (0.44)	4,260 (80)	88.2 (1.36)	2,760 (94)	91.3 (1.13)	3,690 (120)	95.6 (0.92)	5,110 (157)	98.1 (0.71)	6,780 (370)
<b>Non-OECD education systems</b>										
Cyprus <sup>6</sup>	92.0 (0.64)	2,860 (38)	86.6 (2.24)	2,250 (112)	91.7 (1.26)	2,630 (75)	93.4 (1.04)	3,050 (74)	95.9 (1.57)	3,640 (163)
Russian Federation <sup>7</sup>	94.9 (1.02)	840 (25)	96.3 (2.04)	750 (55)	95.5 (1.41)	780 (35)	94.9 (1.53)	890 (38)	90.5 (3.89)	990 (68)

—Not available.

†Not applicable.

<sup>1</sup>Most of the education systems represent complete countries, but three of them represent subnational entities: England (which is part of the United Kingdom), Flanders (which is part of Belgium), and Northern Ireland (which is part of the United Kingdom).

<sup>2</sup>In this table, scores below level 1 and scores at level 1 are combined into the “at or below level 1” reporting category; scores at level 4 and scores at level 5 are combined into the “at level 4 or level 5” reporting category. For both literacy and numeracy, the proficiency-level reporting categories correspond to the score ranges shown in parentheses: at or below level 1 (0–225.9), at level 2 (226.0–275.9), at level 3 (276.0–325.9), at level 4 or level 5 (326.0–500.0).

<sup>3</sup>The employment rate is the percentage of the labor force that is employed. The labor force consists of those who are employed as well as those who are unemployed but actively looking for work.

<sup>4</sup>Mean monthly earnings for those who are employed. Data adjusted to U.S. dollars using the purchasing power parity (PPP) index.

<sup>5</sup>Refers to the mean of the data values for all reporting Organization for Economic Cooperation and Development (OECD) countries and subnational education systems, to which each country or subnational education system reporting data contributes equally, with the exception of England (UK) and Northern Ireland (UK), which contribute to the mean as a combined entity, England/Northern Ireland (UK).

<sup>6</sup>Cyprus includes only the population under the effective control of the Government of the Republic of Cyprus.

<sup>7</sup>The Russian Federation does not include the population of the Moscow municipal region. SOURCE: Organization for Economic Cooperation and Development (OECD), Program for the International Assessment of Adult Competencies (PIAAC), 2012. (This table was prepared March 2016.)

**Table 604.40. Percentage distribution of 16- to 19-year-olds, by frequency of using computers or the Internet to perform selected activities in everyday life and country or subnational region: 2012, 2014, and 2015**

[Standard errors appear in parentheses]

Country or subnational region <sup>1</sup>	Use e-mail				Use the Internet to understand issues such as health/illness, financial matters, or environmental issues				Use spreadsheet or word processing software	
	Every day	At least once a week but not every day	Less than once a week but at least once a month	Less than once a month or never	Every day	At least once a week but not every day	Less than once a week but at least once a month	Less than once a month or never	Every day	At least once a week but not every day
1	2	3	4	5	6	7	8	9	10	11
<b>OECD average<sup>2</sup></b> .....	<b>52.4 (0.52)</b>	<b>26.1 (0.46)</b>	<b>8.4 (0.29)</b>	<b>13.0 (0.37)</b>	<b>37.4 (0.49)</b>	<b>28.3 (0.47)</b>	<b>14.5 (0.37)</b>	<b>19.8 (0.41)</b>	<b>17.5 (0.38)</b>	<b>36.4 (0.50)</b>
Austria .....	45.2 (2.30)	26.4 (2.23)	11.9 (1.55)	16.5 (1.69)	39.2 (2.32)	30.3 (2.11)	17.4 (1.71)	13.2 (1.54)	14.6 (1.73)	38.8 (2.48)
Canada .....	63.6 (1.70)	21.8 (1.44)	6.8 (0.96)	7.7 (0.99)	38.0 (1.87)	30.7 (1.77)	14.7 (1.19)	16.6 (1.40)	24.4 (1.54)	39.9 (1.90)
Chile <sup>3</sup> .....	39.7 (3.56)	32.7 (2.49)	9.3 (2.39)	18.3 (2.92)	40.0 (3.13)	28.7 (2.98)	16.9 (3.10)	14.4 (2.42)	14.9 (3.21)	38.6 (3.68)
Czech Republic .....	61.6 (2.94)	26.6 (2.60)	5.3 (1.48)	6.5 (1.35)	73.1 (2.09)	19.1 (1.86)	4.7 (1.16)	3.2! (1.25)	17.8 (2.74)	51.4 (3.95)
Denmark .....	54.8 (2.38)	27.1 (2.17)	9.4 (1.42)	8.7 (1.32)	44.9 (2.15)	26.9 (2.01)	16.2 (1.99)	11.9 (1.51)	47.3 (2.18)	31.0 (2.06)
England (UK) .....	53.4 (3.64)	28.3 (2.94)	7.4 (1.43)	10.9 (2.30)	27.8 (2.55)	35.0 (3.49)	17.2 (2.64)	20.0 (2.98)	18.8 (2.74)	39.9 (3.50)
Estonia .....	68.3 (2.01)	21.1 (1.71)	5.2 (0.85)	5.3 (1.10)	36.5 (1.88)	30.8 (1.73)	15.3 (1.60)	17.3 (1.29)	9.7 (1.23)	40.6 (2.12)
Finland .....	38.4 (2.44)	44.6 (2.50)	12.3 (1.73)	4.7 (1.04)	27.0 (2.06)	35.6 (2.21)	22.6 (1.99)	14.9 (1.95)	1.9! (0.77)	29.8 (2.32)
Flanders (Belgium) .....	62.4 (2.24)	24.3 (2.00)	7.8 (1.19)	5.5 (1.03)	37.6 (2.39)	30.5 (2.34)	15.0 (1.85)	16.9 (1.68)	16.3 (1.59)	52.7 (2.36)
France .....	56.3 (1.91)	25.4 (1.84)	6.4 (0.96)	11.9 (1.28)	51.0 (2.17)	30.5 (1.90)	7.8 (1.19)	10.6 (1.24)	13.6 (1.31)	32.1 (1.80)
Germany .....	58.0 (2.53)	27.7 (2.11)	6.5 (1.18)	7.8 (1.31)	37.7 (2.71)	34.9 (2.47)	15.6 (1.62)	11.9 (1.61)	14.7 (1.85)	38.7 (2.40)
Greece <sup>3</sup> .....	36.5 (4.47)	20.1 (3.14)	11.5 (2.19)	31.9 (3.82)	42.1 (4.19)	32.4 (3.69)	11.1 (2.63)	14.5 (2.91)	7.2 (1.51)	18.7 (3.23)
Ireland .....	46.1 (3.32)	32.3 (3.13)	6.9 (1.52)	14.7 (2.14)	29.6 (2.87)	28.4 (2.58)	16.6 (2.09)	25.4 (2.38)	17.0 (1.76)	35.8 (2.93)
Israel <sup>3</sup> .....	36.5 (2.30)	20.6 (2.12)	13.0 (1.67)	29.9 (1.81)	38.8 (2.28)	24.5 (2.16)	13.8 (1.62)	23.0 (1.72)	9.0 (1.29)	22.8 (1.92)
Italy .....	53.2 (3.60)	24.3 (3.46)	5.1 (1.50)	17.4 (2.57)	28.4 (3.64)	23.2 (3.28)	13.5 (2.53)	34.9 (3.58)	19.6 (3.27)	35.0 (3.34)
Japan .....	61.9 (2.92)	12.9 (1.90)	4.0! (1.33)	21.2 (2.44)	6.6 (1.51)	20.4 (2.29)	18.4 (2.42)	54.6 (3.61)	1.9! (0.78)	24.3 (2.50)
Korea, Republic of .....	19.9 (1.89)	34.4 (2.19)	19.5 (1.98)	26.2 (2.03)	8.2 (1.15)	29.3 (1.91)	24.8 (1.94)	37.7 (2.09)	5.0 (1.18)	32.7 (2.29)
Netherlands .....	73.8 (1.93)	19.5 (1.95)	2.2 (0.64)	4.6 (1.16)	35.3 (2.18)	27.5 (2.36)	16.4 (1.93)	20.8 (1.98)	30.6 (2.34)	42.7 (2.36)
New Zealand <sup>3</sup> .....	52.5 (2.26)	28.9 (1.93)	7.0 (1.16)	11.7 (1.41)	48.1 (2.15)	30.2 (2.04)	10.2 (1.33)	11.5 (1.46)	17.0 (1.69)	39.7 (2.28)
Northern Ireland (UK) .....	46.9 (4.46)	29.1 (3.78)	10.7 (2.47)	13.3 (2.94)	34.5 (4.43)	26.3 (3.69)	15.8 (3.09)	23.4 (3.72)	33.0 (3.61)	38.3 (3.15)
Norway .....	46.6 (2.14)	35.1 (2.18)	10.9 (1.37)	7.4 (1.39)	38.7 (2.47)	35.2 (2.18)	16.3 (1.65)	9.8 (1.17)	31.8 (1.96)	39.1 (2.26)
Poland .....	56.2 (1.77)	28.3 (1.81)	7.5 (1.08)	8.0 (1.11)	42.7 (2.28)	24.2 (2.07)	15.8 (1.65)	17.4 (1.78)	11.8 (1.52)	41.8 (2.23)
Slovak Republic .....	65.8 (2.70)	28.0 (2.42)	3.3 (0.82)	2.9 (0.74)	48.6 (2.83)	26.1 (2.43)	8.6 (1.30)	16.7 (1.79)	22.8 (2.22)	45.3 (2.71)
Slovenia <sup>3</sup> .....	58.2 (2.67)	27.5 (2.63)	7.8 (1.36)	6.5 (1.37)	63.5 (2.44)	18.0 (2.07)	7.3 (1.59)	11.1 (1.58)	11.3 (1.74)	45.3 (2.89)
Spain .....	70.2 (2.40)	20.2 (2.21)	4.0 (0.95)	5.6 (1.05)	37.5 (2.31)	29.7 (2.18)	10.6 (1.62)	22.1 (2.28)	27.8 (2.33)	36.7 (2.65)
Sweden .....	52.3 (2.47)	29.2 (2.42)	10.3 (1.66)	8.2 (1.49)	43.6 (2.86)	33.6 (2.69)	11.4 (1.74)	11.4 (1.78)	19.2 (2.03)	40.9 (2.44)
Turkey <sup>3</sup> .....	31.9 (3.26)	13.7 (2.88)	15.8 (2.91)	38.6 (3.90)	13.7 (2.05)	23.6 (3.35)	14.8 (2.20)	47.9 (2.91)	7.4 (1.54)	10.4 (2.16)
United States <sup>4</sup> .....	56.5 (2.43)	21.9 (1.89)	8.6 (1.23)	13.1 (1.43)	35.3 (2.43)	26.9 (1.94)	17.1 (1.92)	20.7 (2.02)	23.9 (1.89)	35.6 (2.07)
<b>Non-OECD participants</b>										
Cyprus <sup>5</sup> .....	50.9 (3.27)	21.7 (2.74)	8.7 (1.77)	18.7 (2.60)	32.0 (2.78)	27.0 (2.84)	16.7 (2.36)	24.3 (2.61)	17.8 (2.37)	27.7 (2.76)
Jakarta (Indonesia) <sup>3</sup> .....	22.9 (2.66)	28.0 (2.57)	16.5 (2.59)	32.6 (2.78)	32.3 (3.26)	26.7 (2.44)	19.3 (2.94)	21.7 (2.42)	18.2 (2.72)	44.5 (2.95)
Lithuania <sup>3</sup> .....	50.9 (3.43)	27.5 (2.88)	9.3 (2.01)	12.3 (1.77)	60.3 (3.64)	21.8 (3.13)	8.9 (2.24)	9.0 (1.75)	6.5 (1.57)	35.0 (3.49)
Russian Federation <sup>5</sup> .....	57.5 (7.21)	19.5 (3.48)	4.3! (1.37)	18.6! (5.71)	40.6 (5.36)	21.0 (1.94)	8.7 (2.35)	29.7 (5.30)	21.1 (3.47)	38.6 (2.36)
Singapore <sup>3</sup> .....	45.9 (2.11)	32.8 (2.03)	6.5 (1.18)	14.9 (1.77)	45.1 (2.21)	31.3 (2.39)	10.6 (1.52)	13.0 (1.73)	16.9 (1.93)	35.3 (2.07)

See notes at end of table.

**Table 604.40. Percentage distribution of 16- to 19-year-olds, by frequency of using computers or the Internet to perform selected activities in everyday life and country or subnational region: 2012, 2014, and 2015—Continued**

[Standard errors appear in parentheses]

Country or subnational region <sup>1</sup>	Use spreadsheet or word processing software		Use programming languages to write computer code				Participate in real-time discussions on the Internet			
	Less than once a week but at least once a month	Less than once a month or never	Every day	At least once a week but not every day	Less than once a week but at least once a month	Less than once a month or never	Every day	At least once a week but not every day	Less than once a week but at least once a month	Less than once a month or never
1	12	13	14	15	16	17	18	19	20	21
<b>OECD average<sup>2</sup></b>	<b>20.3 (0.43)</b>	<b>25.8 (0.44)</b>	<b>2.3 (0.17)</b>	<b>5.8 (0.26)</b>	<b>4.8 (0.21)</b>	<b>87.1 (0.35)</b>	<b>33.3 (0.49)</b>	<b>17.5 (0.40)</b>	<b>7.4 (0.27)</b>	<b>41.8 (0.52)</b>
Austria	24.0 (2.01)	22.6 (1.54)	1.7! (0.61)	7.3 (1.27)	4.6 (0.97)	86.4 (1.54)	33.0 (2.57)	20.2 (2.05)	11.6 (1.68)	35.2 (2.46)
Canada	18.0 (1.37)	17.7 (1.26)	2.8 (0.64)	3.0 (0.49)	2.7 (0.62)	91.5 (0.97)	31.7 (1.48)	21.8 (1.50)	8.3 (1.02)	38.2 (1.78)
Chile <sup>3</sup>	21.4 (4.59)	25.2 (4.70)	‡ (†)	6.7! (2.11)	7.6 (2.04)	82.1 (2.70)	17.9 (3.80)	11.7 (2.36)	11.2 (1.72)	59.2 (4.45)
Czech Republic	18.5 (2.16)	12.3 (1.65)	2.4! (0.88)	10.1 (2.06)	6.7 (1.30)	80.8 (2.24)	47.2 (3.00)	15.8 (2.72)	5.5 (1.03)	31.5 (3.73)
Denmark	11.5 (1.56)	10.3 (1.41)	2.4 (0.71)	4.5 (1.25)	5.1 (1.00)	88.0 (1.45)	74.5 (2.23)	13.6 (1.81)	3.9 (0.93)	7.9 (1.20)
England (UK)	15.0 (2.95)	26.3 (2.89)	‡ (†)	‡ (†)	6.7 (1.73)	90.9 (2.15)	27.9 (3.06)	19.9 (3.40)	7.6 (2.14)	44.6 (3.58)
Estonia	28.7 (1.86)	21.0 (1.84)	1.2! (0.52)	6.1 (1.17)	6.1 (1.02)	86.6 (1.41)	33.1 (2.16)	19.8 (1.61)	9.2 (1.25)	37.9 (2.26)
Finland	35.2 (2.48)	33.1 (2.08)	1.0! (0.47)	2.7! (0.87)	5.8 (1.12)	90.5 (1.34)	33.3 (2.28)	22.1 (2.09)	9.2 (1.63)	35.4 (2.40)
Flanders (Belgium)	19.1 (2.01)	11.9 (1.73)	2.6! (0.79)	6.0 (1.17)	5.9 (1.09)	85.5 (1.71)	23.2 (2.05)	17.6 (1.58)	7.2 (1.24)	52.0 (2.37)
France	29.1 (1.86)	25.2 (1.83)	5.0 (0.80)	6.4 (1.00)	7.7 (1.16)	80.9 (1.37)	46.9 (1.77)	23.2 (1.59)	9.8 (1.11)	20.1 (1.50)
Germany	29.4 (2.28)	17.1 (1.61)	2.1! (0.72)	5.6 (1.11)	5.1 (0.98)	87.2 (1.31)	41.7 (2.70)	22.5 (1.97)	6.9 (1.05)	28.9 (2.56)
Greece <sup>3</sup>	16.3 (2.75)	57.8 (3.67)	3.2! (1.41)	9.5! (2.89)	3.6! (1.46)	83.6 (3.46)	27.9 (4.16)	10.3 (2.49)	3.7! (1.49)	58.1 (4.17)
Ireland	17.7 (2.43)	29.5 (2.99)	2.2! (0.72)	1.8! (0.84)	‡ (†)	95.0 (1.18)	49.6 (3.00)	16.9 (2.18)	2.9! (1.02)	30.6 (2.70)
Israel <sup>3</sup>	22.0 (2.11)	46.3 (2.34)	5.0 (1.06)	6.4 (1.21)	2.1 (0.58)	86.5 (1.60)	30.0 (2.15)	9.4 (1.21)	7.1 (1.28)	53.5 (2.30)
Italy	18.9 (2.48)	26.4 (2.81)	4.4! (1.65)	7.1 (1.77)	3.2! (1.16)	85.3 (2.59)	40.7 (3.40)	23.4 (3.02)	4.9! (1.51)	31.1 (3.17)
Japan	16.0 (2.16)	57.9 (3.14)	‡ (†)	6.3 (1.47)	4.9 (1.29)	88.6 (1.89)	6.1 (1.44)	12.9 (2.00)	4.7 (1.22)	76.4 (2.32)
Korea, Republic of	26.5 (1.76)	35.8 (2.26)	1.7! (0.60)	12.0 (1.50)	10.8 (1.32)	75.4 (1.76)	26.4 (2.34)	28.1 (2.32)	11.6 (1.41)	33.8 (2.42)
Netherlands	15.7 (1.80)	11.1 (1.50)	1.4! (0.55)	5.1 (1.20)	3.0! (0.99)	90.5 (1.61)	24.2 (1.86)	13.1 (1.60)	5.6 (1.16)	57.0 (2.57)
New Zealand <sup>3</sup>	20.9 (1.62)	22.4 (2.04)	1.5! (0.50)	4.7 (0.98)	3.5 (0.91)	90.3 (1.35)	24.9 (2.09)	17.4 (1.65)	7.8 (1.21)	50.0 (2.29)
Northern Ireland (UK)	11.9 (2.32)	16.9 (3.37)	3.0! (1.28)	3.4! (1.45)	3.5! (1.41)	90.1 (2.29)	30.0 (3.93)	14.9 (2.64)	3.7! (1.20)	51.4 (4.06)
Norway	13.3 (1.80)	15.8 (1.72)	1.0! (0.42)	4.8 (0.89)	7.8 (1.33)	86.4 (1.66)	44.5 (2.18)	20.6 (1.95)	11.4 (1.57)	23.5 (1.86)
Poland	24.8 (1.81)	21.5 (1.75)	2.7! (0.82)	7.6 (1.13)	5.9 (1.01)	83.8 (1.67)	19.3 (1.81)	16.5 (1.78)	9.5 (1.29)	54.6 (2.19)
Slovak Republic	14.9 (1.91)	17.0 (1.69)	1.4! (0.60)	6.7 (1.29)	3.6 (1.06)	88.2 (1.68)	44.4 (2.55)	23.9 (2.50)	6.9 (1.42)	24.8 (2.50)
Slovenia <sup>3</sup>	28.8 (2.29)	14.7 (1.55)	2.1! (0.74)	5.5 (1.32)	3.3 (0.70)	89.2 (1.74)	38.6 (2.58)	16.0 (2.04)	6.4 (1.44)	39.0 (2.68)
Spain	16.1 (1.92)	19.4 (2.03)	3.2! (1.00)	6.8 (1.27)	5.9 (1.16)	84.1 (2.06)	40.3 (2.28)	12.7 (1.92)	4.6 (1.10)	42.4 (2.27)
Sweden	24.6 (2.41)	15.3 (1.76)	1.4! (0.47)	7.1 (1.51)	3.5! (1.07)	88.0 (1.75)	39.7 (2.81)	23.2 (2.39)	10.7 (1.78)	26.5 (2.36)
Turkey <sup>3</sup>	11.2 (2.33)	71.0 (2.97)	1.6! (0.79)	2.6! (0.87)	0.9! (0.35)	94.9 (1.42)	11.9 (2.53)	8.6 (1.92)	5.7! (1.89)	73.8 (2.96)
United States <sup>4</sup>	18.8 (2.11)	21.7 (1.79)	3.4! (1.14)	4.4 (1.00)	2.9 (0.60)	89.3 (1.60)	22.0 (1.63)	15.2 (1.62)	10.5 (1.59)	52.3 (2.50)
<b>Non-OECD participants</b>										
Cyprus <sup>5</sup>	18.5 (2.74)	36.0 (2.90)	5.5 (1.45)	3.9 (1.01)	6.2 (1.34)	84.3 (2.04)	42.4 (2.81)	16.6 (2.39)	5.7 (1.37)	35.4 (2.88)
Jakarta (Indonesia) <sup>3</sup>	14.8 (2.08)	22.4 (2.39)	‡ (†)	8.2 (1.83)	5.1 (1.41)	83.8 (2.93)	33.3 (2.82)	21.5 (2.52)	8.8 (1.67)	36.4 (2.79)
Lithuania <sup>3</sup>	21.8 (2.93)	36.6 (3.29)	1.4! (0.63)	9.6 (1.84)	10.0 (2.33)	79.0 (2.86)	20.7 (3.10)	18.4 (2.97)	4.8! (1.46)	56.0 (3.30)
Russian Federation <sup>6</sup>	12.7 (2.07)	27.6 (3.77)	1.8! (0.73)	4.7 (0.83)	2.6 (0.40)	90.8 (1.07)	36.7 (4.03)	22.5 (2.89)	6.1! (1.95)	34.7 (4.01)
Singapore <sup>3</sup>	21.9 (2.13)	25.9 (2.05)	3.2 (0.82)	10.6 (1.56)	4.3 (0.95)	81.9 (1.74)	25.6 (2.22)	17.6 (2.04)	8.8 (1.42)	48.1 (2.37)

†Not applicable.

!Interpret data with caution. The coefficient of variation (CV) for this estimate is between 30 and 50 percent.

‡Reporting standards not met. Either there are too few cases for a reliable estimate or the coefficient of variation (CV) is 50 percent or greater.

<sup>1</sup>Most entities participating in the Program for the International Assessment of Adult Competencies (PIAAC) survey are countries, but a few of them are subnational regions. Following the name of each subnational region, its country is indicated in parentheses. For example, England and Northern Ireland are both part of the United Kingdom (UK).<sup>2</sup>Refers to the mean of the data values for all reporting Organization for Economic Cooperation and Development (OECD) countries and subnational regions, to which each country or subnational region reporting data contributes equally.<sup>3</sup>Data are from 2015. Except where otherwise noted, data for other countries/regions are from 2012.<sup>4</sup>Results from the United States are based on combined data from 2012 and 2014.<sup>5</sup>Cyprus includes only the population under the effective control of the Government of the Republic of Cyprus.<sup>6</sup>The Russian Federation does not include the population of the Moscow municipal region.

NOTE: The main data collection for the PIAAC survey was completed in 2012. Unless otherwise noted, all countries' and subnational regions' results are based on the 2012 round of data collection. A second round of international data collection was completed in 2015; this round was conducted only in nine countries/regions that did not participate in the first round. In the United States only, a supplemental round of data collection was completed in 2014 in order to expand the sample of U.S. adults, allowing for more in-depth data analysis. Detail may not sum to totals because of rounding.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Program for the International Assessment of Adult Competencies (PIAAC), U.S. PIAAC 2012/2014; Organization for Economic Cooperation and Development (OECD), PIAAC 2012 and 2015. (This table was prepared October 2016.)

**Table 604.50. Percentage of 16- to 19-year-olds who were not assessed in the problem solving in technology-rich environments domain and percentage distribution of those who were assessed, by proficiency level, selected U.S. and international respondent characteristics, and country or subnational region: 2012, 2014, and 2015**

[Standard errors appear in parentheses]

U.S. or international respondent characteristic and country or subnational region <sup>1</sup>	Percent of 16- to 19-year-olds not assessed in problem solving in technology-rich environments <sup>2</sup>		Percentage distribution of those who were assessed, <sup>3</sup> by level of proficiency on the problem solving in technology-rich environments scale <sup>4</sup>							
			Below level 1		Level 1		Level 2		Level 3	
1	2		3		4		5		6	
<b>United States<sup>5</sup></b>										
<b>U.S. total</b> .....	<b>7.4</b>	<b>(0.95)</b>	<b>18.5</b>	<b>(2.66)</b>	<b>46.7</b>	<b>(3.59)</b>	<b>31.0</b>	<b>(2.99)</b>	<b>3.8!</b>	<b>(1.32)</b>
<b>Sex</b>										
Male .....	10.8	(1.54)	19.5	(3.58)	44.8	(4.04)	31.9	(3.43)	3.8!	(1.78)
Female .....	3.2	(0.96)	17.3	(3.31)	48.8	(5.23)	30.1	(4.46)	3.8!	(1.74)
<b>Race/ethnicity</b>										
White .....	6.5	(1.32)	11.9	(2.55)	42.9	(3.85)	39.3	(3.99)	5.9!	(2.21)
Black .....	10.0	(2.59)	31.7	(8.96)	57.2	(9.17)	11.0!	(4.87)	‡	(†)
Hispanic .....	9.4	(2.51)	26.9	(5.98)	48.7	(7.25)	23.8	(5.64)	‡	(†)
Asian/Pacific Islander .....	7.7	(3.94)	‡	(†)	47.7!	(15.17)	30.4!	(13.27)	‡	(†)
Other <sup>6</sup> .....	3.3	(2.05)	16.2!	(7.03)	52.3	(14.54)	26.5!	(12.58)	‡	(†)
<b>Highest level of parental education</b>										
Neither parent attained high school degree .....	14.1	(3.01)	22.8!	(9.45)	56.0	(9.78)	21.2!	(7.96)	‡	(†)
At least one parent attained high school degree .....	8.0	(1.90)	23.6	(3.50)	48.9	(5.46)	25.4	(3.89)	‡	(†)
At least one parent attained college degree .....	5.4	(1.31)	12.6	(3.35)	41.6	(4.45)	39.5	(4.66)	6.3!	(2.67)
<b>OECD average<sup>7,8</sup></b>										
<b>Total</b> .....	<b>9.0</b>	<b>(0.32)</b>	<b>12.4</b>	<b>(0.50)</b>	<b>40.2</b>	<b>(0.78)</b>	<b>40.9</b>	<b>(0.74)</b>	<b>6.5</b>	<b>(0.37)</b>
<b>Sex</b>										
Male .....	10.0	(0.44)	12.3	(0.67)	39.2	(1.04)	41.4	(1.01)	7.1	(0.54)
Female .....	7.9	(0.44)	12.4	(0.66)	41.3	(1.06)	40.5	(1.01)	5.8	(0.48)
<b>Highest level of parental education</b>										
Neither parent attained high school degree .....	16.3	(1.33)	26.6	(2.70)	48.2	(3.25)	23.2	(2.45)	‡	(†)
At least one parent attained high school degree .....	8.6	(0.54)	13.3	(0.74)	44.7	(1.18)	37.5	(1.09)	4.5	(0.47)
At least one parent attained college degree .....	6.2	(0.58)	6.0	(0.66)	34.0	(1.32)	50.3	(1.37)	9.8	(0.73)
<b>Individual OECD countries<sup>8</sup></b>										
Austria .....	6.0	(1.28)	9.2	(2.11)	42.9	(3.60)	41.6	(3.36)	6.2	(1.71)
Canada .....	6.7	(0.87)	9.4	(1.21)	36.8	(2.79)	44.5	(2.56)	9.3	(1.57)
Chile <sup>9</sup> .....	9.5	(1.85)	30.3	(4.36)	43.2	(4.56)	24.3	(5.50)	2.2!	(1.06)
Czech Republic .....	5.0	(1.28)	8.4	(2.12)	34.6	(4.80)	47.0	(4.17)	10.0!	(3.39)
Denmark .....	7.1	(1.19)	8.7	(1.81)	42.2	(2.97)	44.5	(2.95)	4.6	(1.31)
England (UK) .....	5.2	(1.35)	9.0	(2.60)	50.8	(4.88)	35.6	(4.50)	4.5!	(2.01)
Estonia .....	4.4	(1.00)	9.2	(1.53)	41.0	(3.57)	43.6	(3.02)	6.2	(1.31)
Finland .....	4.6	(1.02)	4.1	(1.22)	36.1	(2.98)	52.0	(3.11)	7.8	(2.02)
Flanders (Belgium) .....	2.5	(0.84)	8.3	(1.84)	34.4	(3.39)	49.0	(3.52)	8.3	(2.05)
Germany .....	3.0	(0.80)	9.9	(1.83)	36.8	(2.88)	44.0	(3.21)	9.3	(2.11)
Greece <sup>9</sup> .....	12.0	(2.69)	32.7	(5.24)	45.9	(6.28)	20.1	(4.75)	‡	(†)
Ireland .....	10.7	(1.91)	11.9	(2.84)	45.6	(4.57)	37.3	(4.50)	5.2!	(2.06)
Israel <sup>9</sup> .....	20.6	(1.75)	19.2	(2.43)	39.5	(2.58)	33.6	(2.90)	7.6	(1.83)
Japan .....	26.4	(2.87)	6.9!	(2.08)	34.8	(4.44)	46.6	(4.79)	11.7	(2.47)
Korea, Republic of .....	4.8	(0.95)	1.9!	(0.81)	31.6	(3.33)	58.8	(3.15)	7.8	(2.11)
Netherlands .....	4.9	(1.07)	7.1	(1.86)	35.5	(3.03)	47.8	(2.97)	9.6	(1.88)
New Zealand <sup>9</sup> .....	4.7	(1.01)	7.6	(1.85)	32.7	(3.24)	46.5	(3.13)	13.2	(1.97)
Northern Ireland (UK) .....	3.7	(1.41)	9.7	(2.85)	49.6	(5.60)	37.7	(5.00)	‡	(†)
Norway .....	4.9	(1.04)	9.1	(1.68)	39.0	(2.91)	47.0	(2.92)	4.8	(1.43)
Poland .....	17.8	(1.54)	12.3	(1.78)	38.2	(2.66)	40.0	(3.57)	9.5	(2.21)
Slovak Republic .....	12.4	(1.48)	7.9	(1.66)	44.9	(3.73)	43.0	(3.56)	4.1!	(1.84)
Slovenia <sup>9</sup> .....	2.2	(0.66)	11.7	(2.18)	41.3	(3.12)	43.1	(2.92)	3.9!	(1.69)
Sweden .....	5.0	(1.33)	9.2	(2.01)	33.3	(3.36)	51.0	(3.99)	6.5	(1.60)
Turkey <sup>9</sup> .....	34.1	(3.71)	36.6	(4.31)	48.6	(5.04)	13.6	(3.10)	‡	(†)
<b>Non-OECD participants</b>										
Lithuania <sup>9</sup> .....	3.6	(1.41)	24.4	(3.40)	45.1	(4.34)	29.0	(4.90)	‡	(†)
Russian Federation <sup>10</sup> .....	8.5	(1.74)	17.7	(4.43)	41.6	(5.01)	30.1	(4.59)	10.6!	(3.57)
Singapore <sup>9</sup> .....	6.0	(0.95)	7.0	(1.66)	27.2	(2.79)	51.5	(3.25)	14.3	(2.28)

†Not applicable.

!Interpret data with caution. The coefficient of variation (CV) for this estimate is between 30 and 50 percent.

‡Reporting standards not met. Either there are too few cases for a reliable estimate or the coefficient of variation (CV) is 50 percent or greater.

<sup>1</sup>Most entities participating in the Program for the International Assessment of Adult Competencies (PIAAC) survey are countries, but a few of them are subnational regions. Following the name of each subnational region, its country is indicated in parentheses. For example, England and Northern Ireland are both part of the United Kingdom (UK).

<sup>2</sup>Items on the problem solving in technology-rich environments domain were offered only on computer. This column shows the percentages of 16- to 19-year-old respondents who were not assessed in this domain because they were unable to or elected not to take a computer-based assessment.

<sup>3</sup>For each country/region, percentages are based on only those 16- to 19-year-old respondents who were assessed in the domain of problem solving in technology-rich environments, which is defined as "using digital technology, communication tools, and networks to acquire and evaluate information, communicate with others, and perform practical tasks."

<sup>4</sup>The proficiency levels correspond to the following score ranges on a scale of 0 to 500: below level 1 (0–240.9), level 1 (241.0–290.9), level 2 (291.0–340.9), and level 3 (341.0–500.0). Tasks at a higher level are more demanding in terms of requirements such as using specific as well as generic technology applications, using multiple functions and navigation, performing a greater number of steps, generating subgoals, evaluating information, and applying higher level forms of reasoning. For detailed descriptions of

each proficiency level, as well as specific examples of tasks at each level, see appendix B of the report *Skills of U.S. Unemployed, Young, and Older Adults in Sharper Focus* (NCES 2016-039rev), available at <http://nces.ed.gov/pubns2016/2016039rev.pdf>.

<sup>5</sup>Results for the United States are based on combined data from 2012 and 2014.

<sup>6</sup>Includes persons of all other races and those of Two or more races.

<sup>7</sup>Refers to the mean of the data values for all reporting Organization for Economic Cooperation and Development (OECD) countries and subnational regions, to which each country or subnational region reporting data contributes equally. The average in this table includes the United States and all other OECD countries/regions that assessed problem solving in technology-rich environments.

<sup>8</sup>France, Italy, and Spain are omitted from this table because these OECD countries did not assess problem solving in technology-rich environments.

<sup>9</sup>Data are from 2015. Except where otherwise noted, data for other countries/regions are from 2012.

<sup>10</sup>The Russian Federation does not include the population of the Moscow municipal region.

NOTE: Unless otherwise noted, all countries' and subnational regions' data are from 2012. Race categories exclude persons of Hispanic ethnicity. Detail may not sum to totals because of rounding.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Program for the International Assessment of Adult Competencies (PIAAC), U.S. PIAAC 2012/2014; Organization for Economic Cooperation and Development (OECD), PIAAC 2012 and 2015. (This table was prepared October 2016.)

**Table 605.10. Gross domestic product per capita and expenditures by public and private education institutions per full-time-equivalent (FTE) student, by level of education and country: Selected years, 2005 through 2014**

Country	Gross domestic product per capita						Elementary and secondary education expenditures per FTE student						Higher education expenditures per FTE student					
	2005	2010	2011	2012	2013	2014	2005	2010	2011	2012	2013	2014	2005	2010	2011	2012	2013	2014
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
	Current dollars																	
<b>OECD average<sup>1</sup></b>	<b>\$29,231<sup>2</sup></b>	<b>\$35,159<sup>2</sup></b>	<b>\$36,793<sup>2</sup></b>	<b>\$37,546<sup>2</sup></b>	<b>\$39,107<sup>2</sup></b>	<b>\$40,208<sup>2</sup></b>	<b>\$6,751</b>	<b>\$8,551</b>	<b>\$8,719</b>	<b>\$8,943</b>	<b>\$9,339</b>	<b>\$9,472</b>	<b>\$11,371</b>	<b>\$13,545</b>	<b>\$13,689</b>	<b>\$14,871</b>	<b>\$15,747</b>	<b>\$16,169</b>
Australia .....	35,069	42,166	43,583	43,082	47,003	46,921	7,142	9,803	9,383	8,688	9,466	9,438	14,579	15,142	16,267	16,662	18,376	18,038
Austria .....	35,025	42,059	44,469	46,478	47,937	48,801	9,436	11,693	12,509	12,481	13,391	13,507	14,775	15,007	14,895	16,476	16,900	16,933
Belgium .....	33,331	40,089	41,450	42,585	43,746	44,743	7,306	10,123	10,722	11,280	11,719	11,896	11,960	15,179	15,420	15,432	16,194	16,599
Canada <sup>3,4</sup> .....	36,213	40,027	41,565	42,145	44,098	45,508	7,774	10,078	10,226	10,398	10,536	10,440	22,810 <sup>5,6</sup>	23,226 <sup>5</sup>	22,006 <sup>5</sup>	21,458 <sup>5</sup>	21,664 <sup>5</sup>	21,326 <sup>5</sup>
Chile .....	12,668	18,159	20,303	21,447	22,353	22,727	2,099	2,935	3,203	4,534	4,376	4,179	6,873	6,863	7,101	8,354	7,974	7,836
Czech Republic .....	21,907	27,582	28,796	29,051	30,496	32,265	4,098	5,532	6,128	6,482	6,639	6,907	6,649	7,635	9,392	10,422	10,308	10,521
Denmark .....	34,153	43,047	44,408	44,809	46,743	47,905	8,997 <sup>7</sup>	11,404 <sup>7</sup>	10,230 <sup>7</sup>	10,923	11,227	11,347	14,959 <sup>7</sup>	18,977 <sup>7</sup>	21,254 <sup>7</sup>	13,718	16,609	16,568 <sup>5</sup>
Estonia .....	16,466	21,573	24,501	25,973	27,450	28,511	3,736	5,984	6,055	6,552	6,897	6,991	3,869	6,501	7,868	8,490	11,798	12,375
Finland .....	31,993	38,775	40,683	40,620	41,293	41,463	6,610	8,591	9,180	9,448	9,659	9,779	12,285	16,714	18,002	18,046	18,018	17,893
France .....	30,626	36,022	37,485	37,671	39,515	40,117	7,456	9,070 <sup>3</sup>	9,329 <sup>3</sup>	9,334	9,755	9,944	10,995	15,067	15,375	15,294	16,337	16,422
Germany .....	32,414	39,955	42,693	43,564	45,232	47,092	7,039	—	9,521	9,823	10,300	10,776	12,446	—	16,723	17,121	16,949	17,180
Greece .....	25,577	28,176	26,141 <sup>8</sup>	25,284 <sup>8</sup>	26,098 <sup>8</sup>	26,839 <sup>8</sup>	5,493 <sup>4</sup>	—	—	—	—	—	6,130	—	—	—	—	—
Hungary .....	17,082	21,556	22,841	23,094	24,463	25,525	4,027 <sup>5</sup>	4,555 <sup>5</sup>	4,527 <sup>5</sup>	4,452	4,642	5,578	6,244 <sup>5</sup>	8,745 <sup>5</sup>	9,210 <sup>5</sup>	9,039	10,096	8,688
Iceland .....	37,074	38,378	39,466	40,486	42,632	44,223	8,815 <sup>7</sup>	8,592	9,326	9,241	9,757	10,615	9,474 <sup>7</sup>	8,728	8,612	10,906	11,200	11,435
Ireland .....	40,437	43,302	45,176	46,469	48,297	51,468	6,411	9,638 <sup>5</sup>	9,830 <sup>5</sup>	10,071	9,423	9,203	10,468	16,008 <sup>5</sup>	16,095 <sup>5</sup>	14,305	13,523	14,131
Israel .....	24,709	28,839	30,569	31,721	34,144	34,101	5,041	5,692	6,277	6,063	6,580	6,728	10,919	10,730	11,554	11,876	13,080	12,989
Italy <sup>2</sup> .....	29,938	34,719	35,935	35,757	35,885	36,071	7,410 <sup>5</sup>	8,489 <sup>5</sup>	8,534 <sup>5</sup>	8,846 <sup>5</sup>	8,830	8,781	8,026 <sup>5</sup>	9,580	9,990	10,284	11,303	11,510
Japan <sup>7</sup> .....	31,668	35,008	35,775	37,214	39,008	39,214	7,343	9,168	9,102	9,440	9,673	9,934	12,326	16,015	16,446	16,929	18,137	18,022
Korea, Republic of .....	24,196	30,377	31,228	32,097	32,616	33,587	5,638	7,396	7,652	9,385	9,694	10,030	7,606	9,972	9,927	9,958	9,379	9,570
Latvia .....	13,848	17,578	19,782	21,260	22,719	23,866	—	—	4,995	5,080	5,961	6,635	—	—	7,552	7,509	7,978	8,962
Luxembourg .....	68,141	85,598	91,814	91,527	95,246	101,275	15,930 <sup>3,4,5</sup>	19,050 <sup>3</sup>	19,600 <sup>3</sup>	19,966	18,749	21,197	—	—	—	32,572 <sup>5</sup>	40,825 <sup>5</sup>	46,526 <sup>5</sup>
Mexico .....	12,342	15,143	16,366	16,958	17,225	17,876 <sup>2</sup>	2,025	2,464	2,765	2,826	2,925	3,049	6,402	7,872	7,889	8,188	8,353	8,949
Netherlands .....	37,272	44,552	46,067	46,716	48,679	48,612	7,045	10,075	10,268	10,538	10,678	10,739	13,883	17,161	17,549	19,413	19,173	19,159
New Zealand .....	25,590	31,177	32,667	32,912	36,024	37,036	5,659	7,681	8,831	8,360	8,770	9,051	10,262	10,418	10,582	13,603	14,234	15,088
Norway .....	47,775	58,025	62,146	65,442	67,051	66,018	9,975	13,067	13,219	13,507 <sup>9</sup>	14,333 <sup>9</sup>	14,144	15,552	18,512	18,840	19,720 <sup>9</sup>	20,859 <sup>9</sup>	20,962
Poland .....	13,898 <sup>2</sup>	20,809 <sup>2</sup>	22,576 <sup>2</sup>	23,542 <sup>2</sup>	24,423 <sup>2</sup>	25,288 <sup>2</sup>	3,165 <sup>5</sup>	5,693 <sup>5</sup>	6,066 <sup>5</sup>	6,362	6,646	6,661	5,593 <sup>5</sup>	8,866 <sup>5</sup>	9,659 <sup>5</sup>	8,652	8,947	9,708
Portugal .....	22,740	27,335	26,780	26,454	27,899	28,747	5,646 <sup>3,5</sup>	7,419 <sup>3,5</sup>	7,282 <sup>3,5</sup>	7,501 <sup>7</sup>	8,732 <sup>7</sup>	7,716 <sup>7</sup>	8,787 <sup>5</sup>	10,578 <sup>5</sup>	9,640 <sup>5</sup>	9,798 <sup>7</sup>	11,094 <sup>7</sup>	11,813 <sup>7</sup>
Slovak Republic .....	16,572	24,809	25,836	26,654	27,900	28,928	2,740 <sup>9</sup>	5,066 <sup>9</sup>	5,105 <sup>9</sup>	5,382 <sup>9</sup>	5,929	6,401	5,783 <sup>9</sup>	6,904 <sup>9</sup>	8,177 <sup>9</sup>	9,282 <sup>5,9</sup>	10,455 <sup>5</sup>	11,300 <sup>5</sup>
Slovenia .....	23,941	27,763	28,805	28,906	29,803	30,857	7,065	8,505	8,867	8,707	9,050	9,034	8,573	9,693	10,413	11,872	11,827	12,067
Spain .....	27,696	31,964	32,073	31,993	32,623	33,728 <sup>8</sup>	6,411	8,479	8,476	8,075	7,749	7,772	10,089	13,373	13,173	12,239	12,580	12,489
Sweden .....	33,967	41,628	43,755	44,725	45,673	46,524	7,861	10,044	10,548	10,860	11,061	10,979	15,946	19,562	20,818	22,974	23,688	24,072
Switzerland .....	40,327	52,911	56,184	57,850	60,109	61,902	10,721 <sup>5</sup>	13,510 <sup>5</sup>	14,623 <sup>5</sup>	14,923	17,811 <sup>9</sup>	15,092 <sup>5,9</sup>	21,734 <sup>5</sup>	21,893 <sup>5</sup>	22,882 <sup>5</sup>	24,848	25,314 <sup>5,9</sup>	27,831 <sup>5,9</sup>
Turkey .....	11,773	17,281	19,517	20,549 <sup>2</sup>	22,314 <sup>2</sup>	24,159 <sup>2</sup>	—	2,020	2,501	2,829	3,195	3,375	—	—	8,193	8,543	9,025	8,927
United Kingdom .....	32,431	35,880	36,593	37,703	39,322	40,717	6,888	9,980	9,738	9,962	11,487	11,970	13,506	15,862	14,223	24,112	25,614	24,542
United States .....	44,237	48,303	49,719	51,388	52,726	54,651	9,769 <sup>3</sup>	11,826 <sup>3</sup>	11,841 <sup>3</sup>	11,743	11,881	12,176	24,370	25,576	26,021	27,527	27,579	29,328

See notes at end of table.

**Table 605.10. Gross domestic product per capita and expenditures by public and private education institutions per full-time-equivalent (FTE) student, by level of education and country: Selected years, 2005 through 2014—Continued**

Country	Gross domestic product per capita						Elementary and secondary education expenditures per FTE student						Higher education expenditures per FTE student					
	2005	2010	2011	2012	2013	2014	2005	2010	2011	2012	2013	2014	2005	2010	2011	2012	2013	2014
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
	Constant 2016 dollars																	
OECD average <sup>1</sup>	\$36,538 <sup>2</sup>	\$38,507 <sup>2</sup>	\$39,157 <sup>2</sup>	\$39,048 <sup>2</sup>	\$40,062 <sup>2</sup>	\$40,742 <sup>2</sup>	\$8,312	\$9,345	\$9,254	\$9,284	\$9,552	\$9,590	\$13,931	\$14,750	\$14,582	\$15,490	\$16,143	\$16,382
Australia	46,089	47,848	47,874	46,505	49,523	48,237	9,386	11,124	10,307	9,378	9,974	9,702	19,161	17,183	17,869	17,986	19,362	18,543
Austria	42,816	46,969	48,081	49,034	49,581	49,678	11,535	13,058	13,525	13,168	13,851	13,749	18,062	16,759	16,105	17,382	17,480	17,238
Belgium	40,840	44,409	44,350	44,306	45,012	45,882	8,952	11,214	11,472	11,736	12,058	12,198	14,655	16,814	16,499	16,056	16,663	17,022
Canada <sup>3,4</sup>	43,457	44,120	44,519	44,466	46,093	46,678	9,329	11,108	10,953	10,971	11,012	10,709	27,373 <sup>5,6</sup>	25,601 <sup>5</sup>	23,570 <sup>5</sup>	22,640 <sup>5</sup>	22,644 <sup>5</sup>	21,874 <sup>5</sup>
Chile	18,560	22,275	24,100	24,715	25,272	24,613	3,075	3,601	3,802	5,225	4,947	4,526	10,069	8,418	8,429	9,628	9,015	8,487
Czech Republic	27,258	29,848	30,575	29,865	30,905	32,586	5,098	5,986	6,507	6,664	6,728	6,976	8,272	8,262	9,972	10,713	10,446	10,626
Denmark	40,752	46,233	46,414	45,736	47,337	48,242	10,735 <sup>7</sup>	12,247 <sup>7</sup>	10,692 <sup>7</sup>	11,149	11,370	11,427	17,849 <sup>7</sup>	20,381 <sup>7</sup>	22,214 <sup>7</sup>	14,002	16,820	16,685 <sup>5</sup>
Estonia	23,240	24,084	26,055	26,575	27,326	28,413	5,273	6,681	6,440	6,704	6,866	6,967	5,461	7,258	8,367	8,687	11,745	12,333
Finland	38,294	42,333	42,950	41,711	41,785	41,524	7,912	9,379	9,691	9,702	9,774	9,793	14,705	18,248	19,004	18,531	18,232	17,919
France	34,924	38,102	38,829	38,274	39,841	40,206	8,503	9,593 <sup>3</sup>	9,664 <sup>3</sup>	9,483	9,827	9,966	12,538	15,937	15,926	15,539	16,456	16,459
Germany	37,658	42,919	44,927	44,941	45,970	47,431	8,177	—	10,019	10,133	10,468	10,853	14,460	—	17,598	17,663	17,226	17,303
Greece	29,960	28,159	25,283 <sup>8</sup>	24,093 <sup>8</sup>	25,100 <sup>8</sup>	26,155 <sup>8</sup>	6,434 <sup>4</sup>	—	—	—	—	—	7,181	—	—	—	—	—
Hungary	24,835	24,105	24,576	23,519	24,489	25,610	5,854 <sup>5</sup>	5,093 <sup>5</sup>	4,871 <sup>5</sup>	4,534	4,647	5,596	9,078 <sup>5</sup>	9,779 <sup>5</sup>	9,909 <sup>5</sup>	9,206	10,106	8,717
Iceland	66,247	45,995	45,480	44,355	44,964	45,708	15,752 <sup>7</sup>	10,297	10,747	10,124	10,291	10,972	16,930 <sup>7</sup>	10,460	9,924	11,948	11,813	11,819
Ireland	45,468	45,347	46,130	46,659	48,249	51,323	7,208	10,093 <sup>5</sup>	10,037 <sup>5</sup>	10,112	9,414	9,177	11,770	16,764 <sup>5</sup>	16,435 <sup>5</sup>	14,364	13,509	14,091
Israel	29,866	30,609	31,361	31,997	33,915	33,712	6,093	6,041	6,440	6,116	6,536	6,651	13,198	11,388	11,853	11,980	12,992	12,841
Italy <sup>3</sup>	35,343	37,287	37,550	36,260	35,952	36,051	8,747 <sup>5</sup>	9,117 <sup>5</sup>	8,917 <sup>5</sup>	8,970 <sup>5</sup>	8,846	8,777	9,475 <sup>5</sup>	10,288	10,439	10,429	11,324	11,503
Japan <sup>7</sup>	32,637	36,226	37,119	38,632	40,355	39,477	7,568	9,487	9,444	9,800	10,007	10,000	12,703	16,572	17,064	17,574	18,763	18,143
Korea, Republic of	31,145	33,686	33,290	33,484	33,588	34,153	7,258	8,202	8,157	9,790	9,983	10,199	9,790	11,058	10,582	10,389	9,658	9,732
Latvia	20,673	18,931	20,412	21,453	22,932	23,941	—	—	5,154	5,126	6,017	6,656	—	—	7,792	7,577	8,053	8,990
Luxembourg	83,202	93,745	97,236	94,418	96,580	102,052	19,452 <sup>3,4,5</sup>	20,863 <sup>3</sup>	20,757 <sup>3</sup>	20,597	19,012	21,359	—	—	—	33,601 <sup>5</sup>	41,397 <sup>5</sup>	46,883 <sup>5</sup>
Mexico	18,823	18,593	19,432	19,339	18,924	18,881 <sup>2</sup>	3,089	3,025	3,283	3,223	3,214	3,220	9,765	9,666	9,367	9,338	9,176	9,452
Netherlands	44,048	48,797	49,302	48,798	49,606	49,059	8,326	11,035	10,989	11,008	10,881	10,838	16,407	18,797	18,782	20,278	19,538	19,335
New Zealand	31,950	33,871	34,116	34,011	36,810	37,384	7,066	8,345	9,222	8,639	8,961	9,136	12,812	11,318	11,052	14,057	14,544	15,230
Norway	60,123	65,245	68,992	72,148	72,387	69,846	12,554	14,692	14,675	14,891 <sup>9</sup>	15,474 <sup>9</sup>	14,964	19,572	20,815	20,916	21,741	22,519	22,177
Poland	17,180 <sup>2</sup>	22,351 <sup>2</sup>	23,262 <sup>2</sup>	23,424 <sup>2</sup>	24,061 <sup>2</sup>	24,901 <sup>2</sup>	3,912 <sup>5</sup>	6,115 <sup>5</sup>	6,250 <sup>5</sup>	6,330	6,548	6,559	6,914 <sup>5</sup>	9,523 <sup>5</sup>	9,952 <sup>5</sup>	8,608	8,815	9,559
Portugal	26,687	29,438	27,824	26,744	28,127	29,062	6,626 <sup>3,5</sup>	7,990 <sup>3,5</sup>	7,565 <sup>3,5</sup>	7,583 <sup>7</sup>	8,803 <sup>7</sup>	7,801 <sup>7</sup>	10,313 <sup>5</sup>	11,392 <sup>5</sup>	10,016 <sup>5</sup>	9,905 <sup>7</sup>	11,185 <sup>7</sup>	11,943 <sup>7</sup>
Slovak Republic	20,652	26,836	26,893	26,779	27,643	28,684	3,415 <sup>9</sup>	5,480 <sup>9</sup>	5,407 <sup>9</sup>	5,874	6,347	7,207 <sup>9</sup>	7,468 <sup>9</sup>	8,512 <sup>9</sup>	9,325 <sup>5</sup>	10,359 <sup>5</sup>	11,205 <sup>5</sup>	11,205 <sup>5</sup>
Slovenia	29,200	29,398	29,961	29,305	29,689	30,678	8,616	9,006	9,223	8,827	9,015	8,981	10,456	10,264	10,831	12,036	11,782	11,997
Spain	33,092	33,977	33,036	32,167	32,345	33,492 <sup>8</sup>	7,660	9,012	8,731	8,119	7,683	7,718	12,055	14,215	13,569	12,306	12,473	12,401
Sweden	38,330	43,549	44,458	45,043	46,018	46,960	8,871	10,508	10,717	10,937	11,145	11,082	17,995	20,465	21,153	23,137	23,867	24,297
Switzerland	41,184	51,718	54,790	56,808	59,155	60,928	10,949 <sup>5</sup>	13,206 <sup>5</sup>	14,261 <sup>5</sup>	14,654	17,528 <sup>9</sup>	14,855 <sup>5,9</sup>	22,196 <sup>5</sup>	21,399 <sup>5</sup>	22,314 <sup>5</sup>	24,401	24,912 <sup>5,9</sup>	27,393 <sup>5,9</sup>
Turkey	28,144	27,205	28,857	27,902 <sup>2</sup>	28,187 <sup>2</sup>	28,034 <sup>2</sup>	—	3,180	3,698	3,841	4,036	3,917	—	12,114	11,599	11,400	10,359	10,359
United Kingdom	41,794	40,380	39,423	39,512	40,177	40,999	8,877	11,232	10,491	10,440	11,736	12,053	17,406	17,852	15,323	25,269	26,170	24,711
United States	54,365	53,166	53,049	53,719	54,322	55,406	12,006 <sup>3</sup>	13,016 <sup>3</sup>	12,634 <sup>3</sup>	12,275	12,241	12,344	29,950	28,151	27,764	28,775	28,414	29,733

—Not available.

<sup>1</sup>Refers to the mean of the data values for all reporting Organization for Economic Cooperation and Development (OECD) countries, to which each country reporting data contributes equally. The average includes all current OECD countries for which a given year's data are available, even if they were not members of OECD in that year.

<sup>2</sup>Estimated value.

<sup>3</sup>Education expenditures exclude postsecondary non-higher-education.

<sup>4</sup>Elementary and secondary education expenditures include preprimary education (for children ages 3 and older).

<sup>5</sup>Education expenditures include public institutions only.

<sup>6</sup>Excludes occupation-specific education corresponding to that offered at the vocational associate's degree level in the United States.

<sup>7</sup>Postsecondary non-higher-education included in both secondary and higher education.

<sup>8</sup>Provisional value; data subject to revision.

<sup>9</sup>Occupation-specific education corresponding to that offered at the vocational associate's degree level in the United States is included in elementary and secondary education instead of in higher education.

NOTE: Includes all expenditures by public and private education institutions (such as administration, instruction, ancillary services for students and families, and research and development) unless otherwise noted. Expenditures for International Standard Classification of Education (ISCED) level 4 (postsecondary non-higher-education) are included in elementary and secondary education unless otherwise noted. ISCED was revised in 2011. The previous version, ISCED 1997, was used to calculate all data for years prior to 2012 (with the exception of Canada's 2011 data, which were calculated using ISCED 2011). ISCED 2011 was used to calculate all data for 2012 and later years (with the exception of Chile's 2012 data, which were calculated using ISCED 1997). Data calculated using ISCED 2011 may not be directly comparable to data calculated using ISCED 1997. Data adjusted to U.S. dollars using the purchasing power parity (PPP) index. Constant dollars based on national Consumer Price Indexes, available on the OECD database cited in the SOURCE note below. Some data have been revised from previously published figures.

SOURCE: Organization for Economic Cooperation and Development (OECD), Education at a Glance, selected years, 2008 through 2017; and Online Education Database, retrieved December 1, 2017, from <http://stats.oecd.org/Index.aspx>. (This table was prepared January 2018.)

**Table 605.20. Government and private expenditures on education institutions as a percentage of gross domestic product, by level of education and country: Selected years, 2005 through 2014**

Country	All institutions <sup>1</sup>					Elementary and secondary institutions											Higher education institutions							
	Government expenditures					All expenditures, 2014			Government expenditures					All expenditures, 2014			Government expenditures				All expenditures, 2014			
	2005	2010	2011	2012	2013	Government	Private	Total	2005	2010	2011	2012	2013	Government	Private	Total	2005	2010	2011	2012	2013	Government	Private	Total
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25
<b>OECD average<sup>2</sup></b>	<b>4.3</b>	<b>4.6</b>	<b>4.4</b>	<b>4.5</b>	<b>4.5</b>	<b>4.4</b>	<b>0.7</b>	<b>5.2</b>	<b>3.3</b>	<b>3.5</b>	<b>3.4</b>	<b>3.3</b>	<b>3.4</b>	<b>3.3</b>	<b>0.3</b>	<b>3.6</b>	<b>1.0</b>	<b>1.1</b>	<b>1.1</b>	<b>1.1</b>	<b>1.1</b>	<b>1.1</b>	<b>0.5</b>	<b>1.6</b>
Australia .....	3.9	4.5	4.2	—	3.9	3.9	1.8	5.8	3.3	3.7	3.4	—	3.2	3.2	0.7	3.9	0.7	0.8	0.7	0.7	0.7	0.7	1.1	1.8
Austria .....	—	—	—	4.7	4.8	4.7	0.2	4.9	—	—	—	3.1	3.1	3.1	0.1	3.1	—	—	—	1.7	1.7	1.6	0.1	1.7
Belgium .....	5.1	5.5	5.4	—	5.6	5.6	0.2	5.8	3.9	4.2	4.2	—	4.3	4.2	0.1	4.3	1.1	1.3	1.3	1.3	1.3	1.3	0.1	1.4
Canada .....	4.5	—	4.8 <sup>3</sup>	—	—	—	—	6.2 <sup>3</sup>	3.1	3.5	3.3 <sup>3</sup>	3.3	3.3 <sup>3</sup>	3.2	0.3	3.6 <sup>3</sup>	1.4	—	—	—	—	—	—	2.6
Chile .....	2.8	3.4	3.3	3.7	3.5	3.4	2.0	5.5	2.5	2.7	2.6	3.0	2.6	2.5	0.7	3.1	0.3	0.8	0.7	0.8	0.9	1.0	1.4	2.3
Czech Republic .....	3.3	3.3	3.6	3.7	3.5	3.4	0.5	3.9	2.5	2.5	2.5	2.5	2.4	2.4	0.2	2.6	0.8	0.9	1.1	1.2	1.1	1.0	0.2	1.2
Denmark .....	5.9	6.2	5.8	6.0	6.1	6.3	0.2	6.5	4.3	4.6	4.1	4.5	4.4	4.7	0.1	4.8	1.6	1.7	1.7	1.5	1.6	1.6	0.1	1.7
Estonia .....	—	—	—	—	5.0	4.7	0.3	5.0	—	—	—	3.2	3.1	3.0	0.1	3.1	1.8	—	—	—	1.9	1.7	0.2	1.9
Finland .....	5.3	5.7	5.7	5.7	5.6	5.6	0.1	5.7	3.7	3.9	3.9	3.9	3.9	3.9	#	3.9	1.6	1.8	1.8	1.8	1.7	1.7	0.1	1.8
France .....	4.8	4.9	4.7	—	4.7	4.8	0.5	5.3	3.6	3.7	3.5	—	3.5	3.5	0.3	3.8	1.1	1.2	1.2	—	1.2	1.2	0.3	1.5
Germany .....	3.7	3.9	3.8	3.8	3.7	3.7	0.6	4.3	2.8	2.9	2.8	2.7	2.7	2.7	0.4	3.1	0.9	1.0	1.0	1.1	1.0	1.1	0.2	1.2
Greece .....	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1.4	—	—	—	—	—	—	—
Hungary .....	4.1	3.6	3.5	3.1	3.1	3.4	0.4	3.8	3.2	2.8	2.5	2.4	2.3	2.7	0.1	2.8	0.9	0.8	0.9	0.7	0.8	0.7	0.3	0.9
Iceland .....	6.1 <sup>3</sup>	5.6 <sup>3</sup>	5.6 <sup>3</sup>	5.7	5.6	5.7	0.3	6.0	5.0 <sup>3</sup>	4.5 <sup>3</sup>	4.5 <sup>3</sup>	4.4	4.4	4.5	0.2	4.7	1.1	1.1	1.0	1.2	1.2	1.2	0.1	1.3
Ireland .....	4.1	5.5	5.2	—	4.9	4.4	0.5	4.8	3.1	4.3	4.1	—	3.8	3.5	0.2	3.7	0.9	1.2	1.1	—	1.1	0.8	0.3	1.1
Israel .....	4.5	4.6	4.7	4.8	4.8	4.7	1.1	5.8	3.6	3.7	3.8	3.9	3.9	3.9	0.4	4.3	0.9	0.9	0.9	0.9	0.9	0.9	0.7	1.5
Italy .....	3.7	3.7	3.5	3.6	3.7	3.6	0.4	4.0	3.0	3.0	2.8	2.8	2.9	2.8	0.2	3.0	0.7	0.7	0.7	0.7	0.8	0.7	0.2	1.0
Japan .....	3.0	3.3	3.3	3.3	3.2	3.2	1.2	4.5	2.6	2.7	2.8	2.7	2.7	2.7	0.2 <sup>4</sup>	2.9 <sup>4</sup>	0.5	0.5	0.5	0.5	0.5	0.5	1.0 <sup>4</sup>	1.5 <sup>4</sup>
Korea, Republic of .....	3.6	4.4	4.5	4.9	4.9	4.9	1.4	6.3	3.0	3.7	3.7	3.9	3.7	3.6	0.4	4.0	0.5	0.8	0.8	1.0	1.2	1.3	1.0	2.3
Latvia .....	4.0	4.2	3.9	—	4.0	4.4	0.3	4.7	3.2	3.3	3.0	2.8	3.1	3.2	0.1	3.3	0.8	0.9	1.0	—	1.0	1.1	0.3	1.4
Luxembourg .....	—	—	—	—	3.4	3.5	0.1	3.6	—	—	3.3	3.2	2.9	3.0	0.1	3.1	—	—	—	—	0.5	0.5	#	0.5
Mexico .....	4.1	4.3	4.2	—	4.2	4.4	1.0	5.4	3.3	3.4	3.4	—	3.3	3.3	0.6	3.9	0.8	1.0	0.9	—	0.9	1.1	0.4	1.4
Netherlands .....	4.3	4.6	4.6	4.6	4.7	4.5	0.9	5.4	3.2	3.5	3.4	3.4	3.4	3.3	0.4	3.6	1.1	1.2	1.2	1.2	1.2	1.2	0.5	1.7
New Zealand .....	—	—	—	5.0	4.7	4.7	1.7	6.4	—	—	—	4.0	3.8	3.8	0.8	4.6	—	—	1.0	0.9	0.9	0.9	0.9	1.8
Norway .....	6.6	6.4	—	6.1	6.2	6.1	0.1	6.2	4.9	4.9	—	4.6	4.7 <sup>3</sup>	4.5	0.0	4.5	1.7	1.6	—	1.5	1.5 <sup>3</sup>	1.6	0.1	1.7
Poland .....	4.8 <sup>3</sup>	4.4 <sup>3</sup>	4.1 <sup>3</sup>	—	4.4	4.3	0.4	4.7	3.7 <sup>3</sup>	3.4 <sup>3</sup>	3.2 <sup>3</sup>	—	3.1	3.1	0.3	3.4	1.2	1.0	1.0	—	1.2	1.2	0.1	1.3
Portugal .....	—	—	—	4.7	5.1	4.9	0.9	5.8	—	—	—	3.9 <sup>4</sup>	4.2 <sup>4</sup>	4.0 <sup>4</sup>	0.5 <sup>4</sup>	4.5 <sup>4</sup>	—	—	—	—	0.8 <sup>4</sup>	0.9 <sup>4</sup>	0.5 <sup>4</sup>	1.4 <sup>4</sup>
Slovak Republic .....	3.1	—	—	3.2	3.4	3.4	0.4	3.9	2.4	—	—	2.4	2.5	2.6	0.2	2.8	0.7	0.6	—	0.8	0.8	0.9	0.2	1.1
Slovenia .....	4.7	4.5	4.4	4.5	4.4	4.1	0.5	4.6	3.8	3.5	3.4	3.4	3.3	3.2	0.3	3.5	0.9	1.0	1.0	1.1	1.0	1.0	0.1	1.1
Spain .....	3.5	4.0	3.9	—	3.6	3.5	0.7	4.3	2.7	2.9	2.9	2.7	2.7	2.6	0.4	3.0	0.9	1.0	1.0	—	0.9	0.9	0.4	1.3
Sweden .....	5.4	5.3	5.2	5.2	5.2	5.2	0.2	5.4	4.0	3.8	3.7	3.7	3.7	3.7	0.0	3.7	1.4	1.5	1.5	1.5	1.5	1.5	0.2	1.7
Switzerland .....	4.8	4.6 <sup>3</sup>	4.7 <sup>3</sup>	4.7	4.7	4.7	—	—	3.5	3.4 <sup>3</sup>	3.4 <sup>3</sup>	3.4	3.4	3.4	—	—	1.3	1.2	1.3	1.3	1.3	1.3	—	—
Turkey .....	2.7	3.3	4.1	3.9	3.9	3.9	1.1	4.9	1.9	2.4	2.5	2.6	2.6	2.6	0.6	3.2	0.7	0.9	1.6	1.3	1.3	1.3	0.4	1.8
United Kingdom .....	—	—	—	—	5.1	4.8	1.9	6.6	3.4	4.6	4.2	—	4.1	4.2	0.6	4.8	—	—	—	—	1.1	1.1	0.6	1.3
United States .....	4.5 <sup>3</sup>	4.7 <sup>3</sup>	4.6	4.4	4.2	4.2	2.1	6.2	3.5 <sup>3</sup>	3.6 <sup>3</sup>	3.5	3.3	3.3	3.2	0.3	3.6	1.0	1.1	1.1	1.1	1.0	0.9	1.7	2.7
<b>Other reporting countries</b>																								
Argentina .....	—	—	—	3.8	5.0	4.9	0.7	5.6	—	—	—	3.8	3.9	3.8	0.6	4.4	—	—	—	0.0	1.1	1.1	0.2	1.2
Brazil .....	—	—	—	—	—	—	—	4.9	—	—	—	—	—	—	—	4.1	—	—	—	—	—	—	—	0.8
Colombia .....	—	—	—	—	4.1	3.9	1.8	5.7	—	—	—	—	—	3.3	3.1	1.0	4.1	—	—	—	0.8	0.8	0.8	1.6
Costa Rica .....	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
India .....	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Indonesia .....	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Lithuania .....	—	4.4	4.3	4.0	3.9	3.8	0.4	4.2	—	—	2.9	2.7	2.6	2.5	0.1	2.6	0.9	1.1	1.4	1.3	1.3	1.3	0.4	1.7
Russia .....	—	—	—	—	—	—	—	3.3	—	—	—	—	—	—	—	2.1	—	—	—	—	—	—	—	1.3
South Africa .....	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

—Not available.

#Rounds to zero.

<sup>1</sup>Includes expenditures that could not be reported by level of education.<sup>2</sup>Refers to the mean of the data values for all reporting Organization for Economic Cooperation and Development (OECD) countries, to which each country reporting data contributes equally. The average includes all current OECD countries for which a given year's data are available, even if they were not members of OECD in that year.<sup>3</sup>Excludes postsecondary non-higher-education.<sup>4</sup>Postsecondary non-higher-education included in both secondary and higher education.<sup>5</sup>Occupation-specific education corresponding to that offered at the vocational associate's degree level in the United States is included in elementary and secondary education instead of in higher education.

NOTE: Government expenditures on education include both amounts spent directly by governments to hire education personnel and to procure other resources, and amounts provided by governments to public or private institutions. Types

of expenditures may include direct expenditures, research and development activities, ancillary expenditures, and capital expenditures. Government expenditures may also include subsidies to households for payments to education institutions and expenditures on education institutions from international sources. Private expenditures exclude government subsidies that are used for payments to education institutions. All data in this table were calculated using International Standard Classification of Education (ISCED) 2011. Expenditures for ISCED level 4 (postsecondary non-higher-education) are included in elementary and secondary education unless otherwise noted. Detail may not sum to totals because of rounding. Some data have been revised from previously published figures. This table includes only data that had been validated for consistency and accuracy by OECD and the relevant country as of December 1, 2017.

SOURCE: Organization for Economic Cooperation and Development (OECD), Online Education Database, retrieved December 1, 2017, from <http://stats.oecd.org/Index.aspx>. (This table was prepared January 2018.)

## CHAPTER 7

# Libraries and Use of Technology

This chapter presents statistics on elementary and secondary school libraries, college and university libraries (including institution-level information for the 60 largest college libraries in the country), and public libraries. It contains data on library collections, staff, and expenditures, as well as library usage. Also included in this chapter are tables on access to and use of computers and the Internet among children and adults of various racial/ethnic groups, age groups, educational attainment levels, and income levels. Chapter 2 includes tables on use of computers and the Internet by elementary and secondary students and schools. Chapter 3 includes tables on distance and online education at the postsecondary level.

## Libraries

Among public schools that had a library in 2011–12, the average number of library staff per school was 1.8, including 0.9 certified library/media specialists (*web-only table 701.10*). On average, public school libraries had larger numbers of books on a per student basis in 2011–12 (2,188 per 100 students) than in 1999–2000 (1,803 per 100 students), 2003–04 (1,891 per 100 students), and 2007–08 (2,015 per 100 students). In 2011–12, public elementary school libraries had larger holdings on a per student basis than did public secondary school libraries (2,570 books per 100 students, compared with 1,474 books per 100 students).

In 2014–15, there were libraries at 92 percent of degree-granting postsecondary institutions overall, 98 percent of public institutions, 99 percent of private nonprofit institutions, and 77 percent of private for-profit institutions (*table 701.40*). The calculations of library operating expenditures and number of books per full-time-equivalent (FTE) student in the following paragraph include both institutions with libraries and those without libraries.

At degree-granting postsecondary institutions, library operating expenditures per FTE student were 1 percent higher in 2001–02 than in 1991–92, after adjustment for inflation. Library operating expenditures per FTE student dropped by 25 percent from 2001–02 to 2011–12 (in inflation-adjusted dollars), but then rose by 15 percent from 2011–12 to 2014–15, resulting in a net decrease of 14 percent between 2001–02 and 2014–15. In 2014–15, library operating expenditures per FTE student averaged \$526 (in current dollars) across all degree-granting institutions. The amount varied widely by institution control, however: library operating expenditures averaged \$444 per FTE student attending a public institution in 2014–15, compared with \$950 per FTE student attending a private nonprofit institution

and \$71 per FTE student attending a private for-profit institution. In 2014–15, the average number of books (including physical and electronic books) per FTE student also differed for public institutions (88 books), private nonprofit institutions (191 books), and private for-profit institutions (118 books). Across all degree-granting institutions, the average number of books per FTE student in 2014–15 was 114.

In 2016, there were 9,057 public libraries in the United States with a total of 732 million books and serial volumes (*table 701.60*). The annual number of visits per capita—that is, per resident of the areas served by the libraries—was 4.4, the annual number of reference transactions per capita was 0.8, and the annual number of uses of public-access internet computers per capita was 0.9.

## Computer and Internet Use

Ninety-seven percent of all 3- to 18-year-old children had some type of computer or smartphone in their household in 2016 (*table 702.10*). A higher percentage of 3- to 18-year-old children lived in a household with a smartphone (91 percent) than in a household with a desktop or laptop (83 percent) or in a household with a tablet or other portable wireless computer (74 percent).

The percentages of children with various types of devices in their households differed by race/ethnicity. For example, 95 percent of Asian children had a desktop or laptop in their household in 2016, compared with 90 percent of White children, 87 percent of children of Two or more races, 73 percent of Hispanic children, 72 percent of Black children, 69 percent of Pacific Islander children, and 65 percent of American Indian/Alaska Native children. The percentage of children who lived in a household with a smartphone was higher for Asian children (94 percent), children of Two or more races (93 percent), and White children (92 percent) than for children who were Hispanic (89 percent), Black (88 percent), Pacific Islander (86 percent), and American Indian/Alaska Native (80 percent).

The percentages of children ages 3 to 18 living in households with desktops or laptops, smartphones, and tablets or other portable wireless computers were generally higher for those with higher family incomes than for those with lower family incomes. For example, the percentage of children ages 3 to 18 living in a household with a desktop or laptop computer in 2016 was highest for children with family incomes of over \$100,000 (97 percent) and lowest for children with family incomes of less than \$10,000 (55 percent).

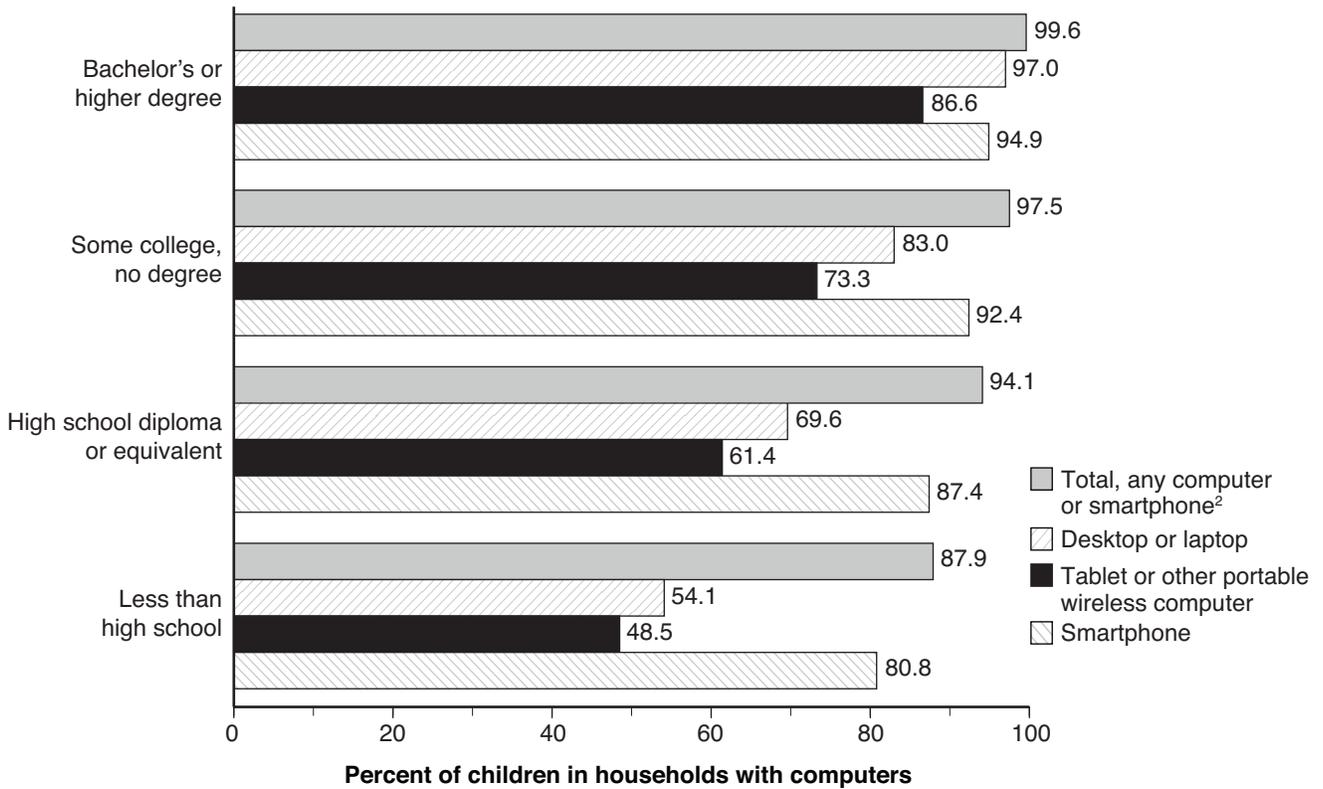
Percentages of children ages 3 to 18 living in a household with a smartphone and living in a household with a tablet or other portable wireless computer were also highest for children with family incomes of over \$100,000 and lowest for children with family incomes of less than \$10,000.

The percentages of children living in households with various types of devices were generally higher for children whose parent(s) had higher levels of educational attainment than for those whose parent(s) had lower levels of educational attainment (table 702.10 and figure 30). For example, the percentage of children with a desktop or laptop in their household in 2016 was higher for those who had a parent with a bachelor's or higher degree (97 percent) than for those whose parents' highest level of education was an associate's degree (90 percent), some college (83 percent), a high school diploma or equivalent (70 percent), and less than high school (54 percent). The percentage of children with a smartphone in their household was higher for those who had a parent with a bachelor's or higher degree (95 percent) than for those whose parents' highest level of education was an associate's degree (94 percent), some college (92 percent), a high school diploma or equivalent (87 percent), and less than high school (81 percent).

In 2015, about 75 percent of the U.S. population age 3 and over used the Internet, up from 70 percent in 2011 (table 702.30). Internet usage differed by various demographic characteristics in 2015. For example, the percentage of internet users was higher among persons age 3 and over who were White (78 percent) than among those who were American Indian/Alaska Native (70 percent), Black (68 percent), and Hispanic (66 percent). The percentage of internet users in the population age 3 and over was generally higher for those with higher family incomes than for those with lower family incomes. For example, in 2015, about 86 percent of people with family incomes of \$100,000 to \$149,000 used the Internet, compared with 63 percent of people with family incomes of \$20,000 to \$29,999. Among persons age 25 and over, the percentage of internet users tended to be higher for those with higher levels of educational attainment (table 702.30 and figure 31). For example, the percentage of persons age 25 and over who used the Internet in 2015 was higher for those whose highest level of education was a bachelor's or higher degree (88 percent) than for those whose highest level of education was an associate's degree (84 percent), some college (81 percent), a high school diploma or equivalent (65 percent), and less than high school (42 percent).

**Figure 30. Percentage of children ages 3 to 18 living in households with a computer, by parents' highest level of educational attainment and type of computer: 2016**

**Parents' highest education level<sup>1</sup>**



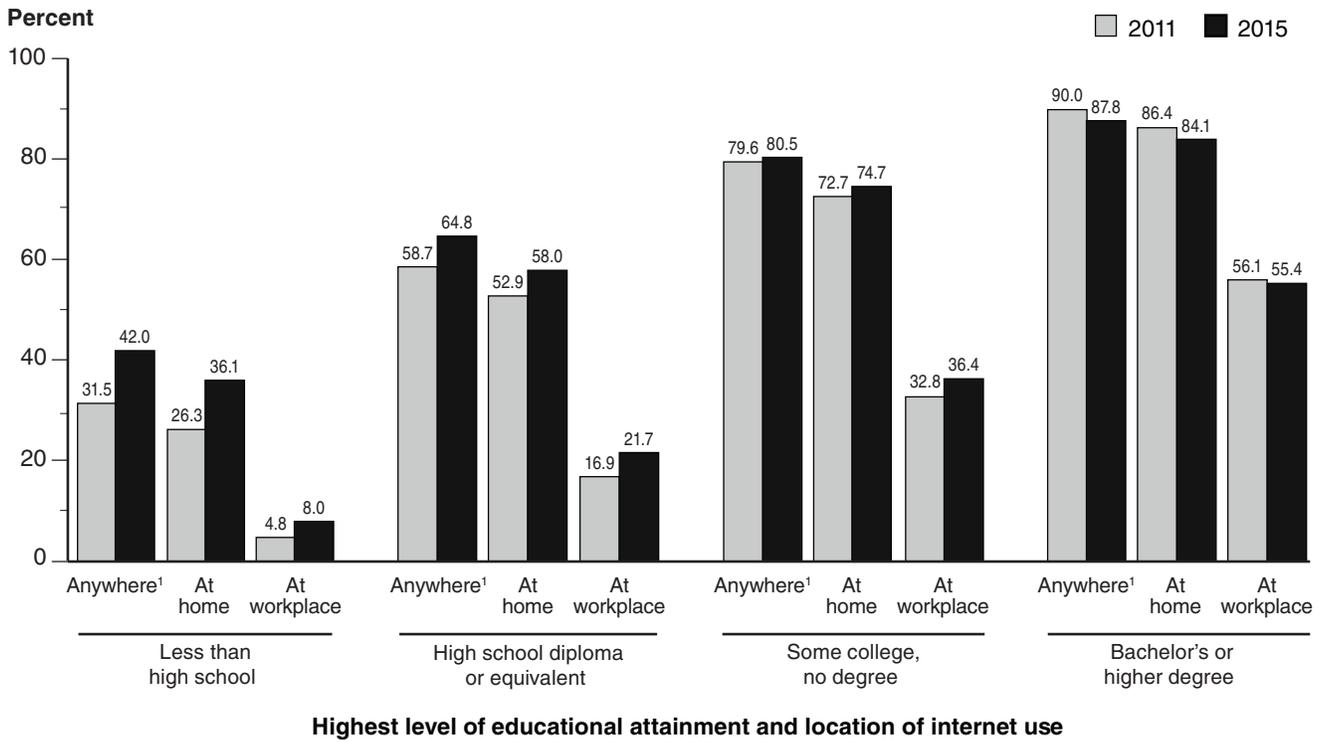
<sup>1</sup>Highest level of educational attainment of any parent residing with the child. Parents include adoptive parents and stepparents, but exclude parents not residing in the same household as their children.

<sup>2</sup>Each household that had one or more computers or devices was counted only once in the total, regardless of the number and types of computers/devices reported. Total includes a small percentage (less than 1 percent) of children whose households had "some other type of computer" not listed in the survey questions.

NOTE: Data are based on all children living in households with their parents. Percentages refer to children whose household members owned or used at home the specified computers/devices. Graphic display was generated using unrounded data.

SOURCE: U.S. Department of Commerce, Census Bureau, American Community Survey (ACS), 2016.

**Figure 31. Percentage of persons age 25 and over using the Internet anywhere, at home, and at the workplace, by highest level of educational attainment: 2011 and 2015**



<sup>1</sup>Includes all persons who use the Internet at any location.

NOTE: Data are based on sample surveys of the civilian noninstitutionalized population, which excludes persons in the military and persons living in institutions (e.g., prisons or nursing facilities). Graphic display was generated using unrounded data.

SOURCE: U.S. Department of Commerce, Census Bureau, Current Population Survey (CPS), July 2011 and July 2015.

**Table 701.15. Number and percentage of public schools with libraries/media centers and average number of staff per library/media center, by staff type and employment status and school level, enrollment size, and locale: 2015–16**

[Standard errors appear in parentheses]

School level, enrollment size, and locale	Schools with libraries/ media centers		Average number of staff per library/media center							
			Librarians or library media specialists		Library media center instructional aides		Library media center noninstructional aides			
	Number	Percent	Full time	Part time	Full time	Part time	Full time	Part time		
1	2	3	4	5	6	7	8	9		
<b>Total, all public schools<sup>1</sup></b> .....	<b>82,300 (440)</b>	<b>91.0 (0.43)</b>	<b>0.7 (0.01)</b>	<b>0.2 (0.01)</b>	<b>0.3 (0.01)</b>	<b>0.1 (0.01)</b>	<b>0.1 (#)</b>	<b>0.1 (#)</b>	<b>0.1 (#)</b>	
<b>Elementary schools</b> .....	<b>59,500 (350)</b>	<b>95.4 (0.39)</b>	<b>0.6 (0.01)</b>	<b>0.2 (0.01)</b>	<b>0.3 (0.01)</b>	<b>0.1 (0.01)</b>	<b>0.1 (#)</b>	<b>0.1 (0.01)</b>	<b>0.1 (0.01)</b>	
Enrollment size										
Less than 150 students .....	3,200 (300)	81.4 (3.88)	0.2 (0.03)	0.4 (0.05)	0.1! (0.03)	0.2 (0.04)	‡ (†)	0.1! (0.03)	0.1 (0.03)	
150 to 499 students .....	28,700 (560)	95.1 (0.49)	0.6 (0.01)	0.3 (0.01)	0.2 (0.01)	0.2 (0.01)	0.1 (0.01)	0.1 (0.01)	0.1 (0.01)	
500 to 749 students .....	18,600 (480)	97.8 (0.42)	0.7 (0.01)	0.2 (0.01)	0.3 (0.02)	0.1 (0.01)	0.1 (0.01)	0.1 (0.01)	0.1 (0.01)	
750 or more students .....	9,000 (340)	97.8 (0.61)	0.8 (0.02)	0.2 (0.02)	0.3 (0.02)	0.1 (0.02)	0.1 (0.02)	0.1 (0.02)	0.1 (0.01)	
Locale										
City .....	16,500 (210)	92.0 (0.92)	0.6 (0.02)	0.2 (0.02)	0.2 (0.02)	0.1 (0.01)	0.1 (0.01)	0.1 (0.01)	0.1 (0.01)	
Suburban .....	21,100 (190)	97.0 (0.60)	0.7 (0.02)	0.2 (0.02)	0.2 (0.01)	0.2 (0.01)	0.1 (0.01)	0.1 (0.01)	0.1 (0.01)	
Town .....	7,600 (280)	97.1 (0.69)	0.6 (0.02)	0.2 (0.02)	0.3 (0.02)	0.1 (0.02)	0.1 (0.01)	0.1 (0.01)	0.1 (0.01)	
Rural .....	14,300 (320)	96.4 (0.82)	0.6 (0.02)	0.2 (0.02)	0.3 (0.02)	0.1 (0.02)	# (†)	0.1 (0.01)	0.1 (0.01)	
<b>Secondary schools</b> .....	<b>16,300 (410)</b>	<b>82.0 (1.46)</b>	<b>0.8 (0.02)</b>	<b>0.1 (0.01)</b>	<b>0.3 (0.02)</b>	<b>0.1 (0.01)</b>	<b>0.2 (0.01)</b>	<b>0.1 (0.01)</b>	<b>0.1 (0.01)</b>	
Enrollment size										
Less than 150 students .....	1,400 (200)	46.0 (5.28)	0.2 (0.06)	0.2 (0.05)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	
150 to 499 students .....	4,600 (260)	77.4 (2.60)	0.6 (0.04)	0.2 (0.03)	0.2 (0.02)	0.1 (0.02)	0.1 (0.02)	0.1 (0.02)	0.1 (0.01)	
500 to 749 students .....	2,600 (180)	89.6 (2.22)	0.8 (0.04)	0.2 (0.03)	0.2 (0.03)	0.2 (0.04)	0.1 (0.02)	0.1 (0.02)	0.1 (0.02)	
750 or more students .....	7,600 (290)	96.5 (0.81)	1.1 (0.02)	0.1 (0.01)	0.4 (0.03)	0.1 (0.02)	0.3 (0.02)	0.1 (0.02)	0.1 (0.01)	
Locale										
City .....	4,200 (220)	79.2 (2.51)	0.8 (0.04)	0.1 (0.02)	0.2 (0.03)	0.1 (0.01)	0.2 (0.03)	# (†)	0.1 (0.02)	
Suburban .....	4,800 (210)	80.9 (2.84)	1.0 (0.03)	0.1 (0.02)	0.3 (0.04)	0.1 (0.03)	0.2 (0.03)	0.1 (0.02)	0.1 (0.02)	
Town .....	2,900 (180)	82.9 (3.24)	0.8 (0.03)	0.2 (0.03)	0.3 (0.03)	0.1 (0.02)	0.2 (0.03)	0.1 (0.02)	0.1 (0.02)	
Rural .....	4,400 (230)	85.6 (2.42)	0.8 (0.04)	0.2 (0.03)	0.3 (0.03)	0.1 (0.02)	0.1 (0.02)	# (†)	0.1 (0.01)	

†Not applicable.

#Rounds to zero.

!Interpret data with caution. The coefficient of variation (CV) for this estimate is between 30 and 50 percent.

‡Reporting standards not met. Either there are too few cases for a reliable estimate or the coefficient of variation (CV) is 50 percent or greater.

<sup>1</sup>Total includes combined elementary/secondary schools, which are not separately shown. NOTE: Detail may not sum to totals because of rounding.

SOURCE: U.S. Department of Education, National Center for Education Statistics, National Teacher and Principal Survey (NTPS), "Public School Data File," 2015–16. (This table was prepared May 2018.)

**Table 701.40. Collections, staff, and operating expenditures of degree-granting postsecondary institution libraries: Selected years, 1981–82 through 2014–15**

Collections, staff, and operating expenditures	1981–82	1987–88	1991–92	1997–98	2001–02	2007–08	2009–10	2011–12	2014–15			
									Total	Public	Private nonprofit	Private for-profit
1	2	3	4	5	6	7	8	9	10	11	12	13
Number of libraries .....	3,104	3,438	3,274	3,658	3,568	3,827	3,689	3,793	4,266	1,581	1,652	1,033
Percentage of institutions with libraries .....	—	—	—	90.0	85.0	87.9	82.1	80.6	92.2	97.5	98.8	77.4
Number of circulation transactions (in thousands) ...	—	—	—	216,067	189,248	178,766	176,736	154,409	939,702	456,462	226,604	256,636
Physical transaction .....	—	—	—	—	—	—	—	—	82,583	48,955	32,160	1,468
Electronic transaction .....	—	—	—	—	—	—	—	—	857,119	407,507	194,444	255,168
Number of circulation transactions per full-time-equivalent (FTE) student .....	—	—	—	20	16	13	11	10	62	43	67	205
Enrollment (in thousands)												
Total enrollment <sup>1</sup> .....	12,372	12,767	14,359	14,502	15,928	18,248	20,428	20,994	20,207	14,655	3,996	1,556
Full-time-equivalent (FTE) enrollment <sup>1</sup> .....	9,015	9,230	10,361	10,615	11,766	13,783	15,496	15,886	15,262	10,625	3,388	1,249
<b>Collections (in thousands)</b>												
Total number of physical and electronic materials (books, media, and databases) .....	—	—	—	—	—	—	—	—	2,154,718	1,198,015	766,348	190,354
Number of books .....	—	—	—	—	—	—	—	—	1,732,362	936,396	648,676	147,290
Physical books .....	—	—	—	—	—	—	—	—	1,044,720	641,100	398,135	5,485
Electronic books .....	—	—	—	—	10,318	102,502	158,652	252,599	687,641	295,296	250,541	141,804
Number of media (includes audiovisual materials) ..	—	—	—	—	—	—	—	—	417,457	260,924	116,271	40,263
Physical media .....	—	—	—	—	—	—	—	—	256,458	198,167	57,538	752
Electronic media .....	—	—	—	—	—	—	—	—	160,999	62,756	58,732	39,511
Number of databases (electronic only) .....	—	—	—	—	—	—	—	—	4,899	696	1,402	2,801
Number of volumes at end of year .....	567,826	718,504	749,429	878,906	954,030	1,052,531	1,076,027	1,099,951	—	—	—	—
Number of volumes added during year .....	19,507	21,907	20,982	24,551	24,574	23,990	27,164	27,605	—	—	—	—
Number of serial subscriptions at end of year <sup>2</sup> ...	4,890	6,416	6,966	10,908	9,855	25,342	25,041	—	—	—	—	—
Microform units at end of year .....	—	—	—	1,062,082	1,143,678	1,157,365	1,124,941	1,044,521	—	—	—	—
Number of volumes per full-time-equivalent (FTE) student .....	63	78	72	83	81	76	69	69	—	—	—	—
Number of books per full-time-equivalent (FTE) student .....	—	—	—	—	—	—	—	—	114	88	191	118
<b>Full-time-equivalent (FTE) library staff</b>												
Total staff in regular positions <sup>3</sup> .....	58,476	67,251	67,166	68,337	69,526	69,328	66,562	65,242	—	—	—	—
Librarians and professional staff .....	23,816	25,115	26,341	30,041	32,053	34,520	34,147	34,423	—	—	—	—
Other paid staff .....	34,660	40,733	40,421	38,026	37,473	34,808	32,415	30,819	—	—	—	—
Contributed services .....	—	1,403	404	270	—	—	—	—	—	—	—	—
Student assistants .....	—	33,821	29,075	28,373	25,305	24,110	22,382	20,509	—	—	—	—
FTE student enrollment per FTE staff member ....	154	137	154	155	169	199	233	243	—	—	—	—
<b>Library operating expenditures<sup>4</sup></b>												
Total operating expenditures (in thousands of current dollars) .....	\$1,943,769	\$2,770,075	\$3,648,654	\$4,592,657	\$5,416,716	\$6,785,542	\$6,829,108	\$7,008,114	\$8,029,080	\$4,721,458	\$3,218,735	\$88,887
Salaries and wages <sup>5</sup> .....	1,015,226 <sup>6</sup>	1,451,551	1,889,368	2,314,380	2,753,404	3,342,082	3,401,649	3,443,831	3,453,222	2,125,726	1,290,596	36,900
Fringe benefits .....	167,515	—	—	—	—	—	—	—	755,728	460,459	291,058	4,211
Computer hardware/software .....	—	—	—	164,379	155,791	158,698	142,652	143,660	—	—	—	—
Bibliographic utilities/networks/consortia .....	—	—	—	89,618	92,242	113,427	117,838	123,650	—	—	—	—
Information resources .....	591,550	925,425	1,240,419	1,643,914	1,990,989	2,663,082	2,680,298	2,790,039	3,040,118	1,737,329	1,263,542	39,247
Books, serial backfiles, and other materials ...	—	—	—	—	—	—	—	—	607,990	318,853	284,071	5,066
Books and serial backfiles—paper .....	—	—	—	514,048	563,007	611,192	515,942	503,851	—	—	—	—
Books and serial backfiles—electronic ...	—	—	—	28,061	44,792	133,586	152,359	180,570	—	—	—	—
Audiovisual materials .....	—	—	23,879	30,623	37,041	43,849	55,659	37,022	—	—	—	—
Ongoing commitments to subscriptions .....	—	—	—	—	—	—	—	—	2,236,083	1,316,308	890,388	29,387
Current serials—paper .....	—	—	—	849,399	926,105	699,906	536,357	487,265	—	—	—	—
Current serials—electronic .....	—	—	—	125,470	297,657	1,004,393	1,249,726	1,436,671	—	—	—	—
Preservation .....	30,351	34,144	43,126	42,919	46,499	41,591	31,212	26,838	32,459	16,668	15,722	69
Other materials/services expenditures .....	—	—	—	—	—	—	—	—	163,586	85,500	73,362	4,724
Document delivery/interlibrary loan .....	—	—	—	19,309	22,913	30,496	33,679	32,490	—	—	—	—
Other collection expenditures .....	561,199	891,281	1,173,414	34,086	52,976	98,069	105,364	85,334	—	—	—	—
Other library operating expenditures .....	169,478	393,099	518,867	380,367	424,290	508,253	486,672	506,934	780,012	397,944	373,539	8,529
Operating expenditures per full-time-equivalent (FTE) student												
In current dollars .....	216	300	352	433	460	492	441	441	526	444	950	71
In constant 2015–16 dollars <sup>7</sup> .....	546	617	607	637	616	554	485	462	530	447	956	72
Information resource expenditures per FTE student												
In current dollars .....	66	100	120	155	169	193	173	176	199	164	373	31
In constant 2015–16 dollars <sup>7</sup> .....	166	206	206	228	226	217	190	184	201	165	375	32
Operating expenditures (percentage distribution) ...	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Salaries and wages <sup>5</sup> .....	52.2 <sup>8</sup>	52.4	51.8	50.4	50.8	49.3	49.8	49.1	43.0	45.0	40.1	41.5
Fringe benefits .....	8.6	—	—	—	—	—	—	—	9.4	9.8	9.0	4.7
Preservation .....	1.6	1.2	1.2	0.9	0.9	0.6	0.5	0.4	0.4	0.4	0.5	0.1
Information resources .....	28.9	32.2	32.8	34.9	35.9	38.6	38.8	39.4	37.5	36.4	38.8	44.1
Other <sup>9</sup> .....	8.7	14.2	14.2	13.8	12.4	11.5	10.9	11.0	9.7	8.4	11.6	9.6
Library operating expenditures as a percent of total institutional expenditures for educational and general purposes .....	3.5	3.2	3.0	—	—	—	—	—	—	—	—	—

—Not available.  
<sup>1</sup>Fall enrollment for the academic year specified.  
<sup>2</sup>For 1997–98 and later years, includes microform and electronic serials.  
<sup>3</sup>Excludes student assistants.  
<sup>4</sup>Excludes capital outlay. Expenditure data are reported only by degree-granting institutions with total expenditures over \$100,000.  
<sup>5</sup>Includes student hourly wages.  
<sup>6</sup>Includes salary equivalents of contributed services staff.  
<sup>7</sup>Constant dollars based on the Consumer Price Index, prepared by the Bureau of Labor Statistics, U.S. Department of Labor, adjusted to a school-year basis.  
<sup>8</sup>Includes computer hardware/software, bibliographic utilities/networks/consortia, and “other library operating expenditures” not individually listed.

NOTE: Data through 1995 are for institutions of higher education, while later data are for degree-granting institutions. Degree-granting institutions grant associate’s or higher degrees and participate in Title IV federal financial aid programs. The degree-granting classification is very similar to the earlier higher education classification, but it includes more 2-year colleges and excludes a few higher education institutions that did not grant degrees. Detail may not sum to totals because of rounding.  
 SOURCE: U.S. Department of Education, National Center for Education Statistics, *Library Statistics of Colleges and Universities, 1981–82*; Integrated Postsecondary Education Data System (IPEDS), “Academic Libraries Survey” (IPEDS-L:88–98) and “Fall Enrollment Survey” (IPEDS-EF:87–98); Academic Libraries Survey (ALS), 2000 through 2012; IPEDS Spring 2002 through Spring 2015, Fall Enrollment component; and IPEDS Spring 2016, Academic Libraries component. (This table was prepared May 2017.)

**Table 701.60. Number of public libraries, number of books and serial volumes, and per capita usage of selected library services per year, by state: Fiscal years 2015 and 2016**

State	Number of public libraries <sup>1</sup>		Number of books and serial volumes				Per capita <sup>2</sup> usage of selected services per year							
			In thousands		Per capita <sup>2</sup>		Number of library visits <sup>3</sup>		Circulation (number of materials lent)		Reference transactions <sup>4</sup>		Uses of public-access internet computers	
	2015	2016	2015	2016	2015	2016	2015	2016	2015	2016	2015	2016	2015	2016
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
<b>United States</b> ....	<b>9,068</b>	<b>9,057</b>	<b>750,249</b>	<b>732,240</b>	<b>2.4</b>	<b>2.4</b>	<b>4.5</b>	<b>4.4</b>	<b>7.3</b>	<b>7.2</b>	<b>0.8</b>	<b>0.8</b>	<b>1.0</b>	<b>0.9</b>
Alabama .....	219	219	9,227	9,007	2.0	2.0	3.5	3.4	4.3	4.3	0.9	0.9	0.9	0.8
Alaska .....	80	71	2,354	2,048	3.6	3.2	4.8	5.4	6.9	7.4	0.5	0.7	1.2	0.9
Arizona .....	90	90	8,196	7,663	1.2	1.1	3.9	3.7	6.5	6.6	0.6	0.9	1.1	1.0
Arkansas .....	58	59	6,371	5,722	2.4	2.3	3.9	4.0	5.4	5.2	0.9	0.8	0.7	0.6
California .....	184	184	63,676	62,770	1.6	1.6	4.2	4.0	5.6	5.4	0.5	0.6	0.8	0.8
Colorado .....	113	114	9,943	10,526	1.9	2.0	6.1	6.0	12.0	11.8	0.7	0.8	1.4	1.2
Connecticut .....	182	182	13,577	13,103	4.0	4.0	6.1	6.0	8.3	8.1	0.9	1.0	1.2	1.2
Delaware .....	21	21	1,646	1,532	1.8	1.6	4.4	4.4	6.5	6.6	0.5	0.5	0.7	0.7
District of Columbia ...	1	1	1,863	1,863	2.8	2.7	6.2	5.8	6.0	6.5	1.2	1.2	1.7	1.4
Florida .....	80	80	30,794	29,261	1.6	1.5	3.7	3.5	5.7	5.5	1.2	1.2	0.8	0.8
Georgia .....	63	63	16,522	16,839	1.6	1.6	2.8	2.7	3.6	3.7	0.7	0.8	1.1	1.2
Hawaii .....	1	1	3,197	2,967	2.3	2.1	3.5	3.1	4.5	4.4	0.4	0.5	0.5	0.6
Idaho .....	102	102	4,342	4,289	3.2	3.1	6.3	6.2	11.4	10.9	0.9	0.8	1.4	1.2
Illinois .....	622	621	42,366	40,487	3.6	3.4	6.0	5.7	9.5	9.1	0.9	0.9	1.2	1.1
Indiana .....	237	236	23,210	22,693	3.8	3.7	5.7	5.5	12.7	12.2	0.7	0.7	1.1	1.1
Iowa .....	534	534	11,934	11,749	3.9	3.9	5.9	5.9	8.9	8.8	0.6	0.6	1.0	1.0
Kansas .....	320	321	9,113	8,972	3.6	3.6	5.6	5.5	10.0	9.9	0.8	0.8	1.2	1.2
Kentucky .....	119	119	9,171	9,051	2.1	2.1	4.2	4.1	6.9	6.8	1.0	1.0	1.0	1.0
Louisiana .....	68	68	11,833	11,746	2.5	2.5	4.3	4.3	4.5	4.6	1.1	1.1	1.1	1.1
Maine .....	228	227	5,981	5,903	5.2	5.2	5.8	5.9	7.7	7.6	0.6	0.6	1.0	0.9
Maryland .....	24	24	11,922	10,459	2.0	1.8	4.8	4.6	9.9	9.8	1.4	1.5	1.0	0.9
Massachusetts .....	368	368	30,857	30,276	4.6	4.5	6.1	6.1	9.2	9.3	0.7	0.7	1.0	0.9
Michigan .....	392	396	31,818	29,473	3.2	3.0	4.9	4.7	8.3	7.9	0.9	0.9	1.0	1.0
Minnesota .....	137	137	14,363	14,339	2.6	2.6	4.4	4.4	9.6	9.3	0.7	0.7	0.9	0.9
Mississippi .....	52	52	5,704	5,599	1.9	1.9	3.0	3.0	2.6	2.5	0.5	0.5	0.8	0.8
Missouri .....	149	147	16,288	16,019	3.0	2.9	5.2	4.9	10.0	9.8	0.6	0.6	1.1	1.0
Montana .....	82	82	2,622	2,627	2.7	2.7	4.3	4.4	6.1	6.1	0.5	0.5	1.2	1.2
Nebraska .....	247	237	5,733	5,555	3.7	3.6	5.3	5.1	8.2	8.2	0.5	0.5	1.3	1.2
Nevada .....	22	22	4,116	4,149	1.4	1.4	3.5	3.4	7.3	6.9	0.5	0.5	0.9	0.9
New Hampshire .....	219	222	5,818	5,619	5.0	4.4	6.4	5.5	8.6	7.9	0.7	0.8	0.8	0.6
New Jersey .....	282	282	27,177	26,513	3.1	3.1	5.0	4.9	6.4	6.3	0.8	0.8	1.0	1.0
New Mexico .....	87	88	4,232	4,128	2.6	2.5	4.5	4.4	5.5	5.7	0.6	0.9	1.2	1.1
New York .....	756	756	69,313	68,858	3.6	3.6	5.4	5.3	6.9	6.8	1.4	1.4	1.1	0.9
North Carolina .....	80	81	16,021	15,584	1.6	1.6	3.6	3.3	5.2	5.0	0.6	0.7	0.7	0.7
North Dakota .....	72	74	2,173	2,173	3.2	3.2	3.3	3.3	5.9	6.3	0.7	0.8	0.9	0.9
Ohio .....	251	251	41,024	40,060	3.6	3.5	6.8	6.4	15.9	16.0	1.6	1.6	1.7	1.4
Oklahoma .....	119	119	7,093	7,351	2.2	2.3	4.2	4.1	6.9	7.0	0.6	0.6	1.1	1.1
Oregon .....	131	131	9,805	9,497	2.6	2.7	5.5	5.8	15.0	15.5	0.6	0.6	1.0	1.0
Pennsylvania .....	455	454	25,298	24,617	2.0	2.0	3.6	3.6	5.2	5.1	0.6	0.6	0.6	0.6
Rhode Island .....	48	48	4,241	3,561	4.0	3.4	5.6	5.5	6.4	6.1	0.6	0.6	1.2	1.0
South Carolina .....	42	42	9,108	8,962	2.0	1.9	3.7	3.4	5.7	5.4	0.6	0.6	0.9	0.8
South Dakota .....	112	112	2,768	2,755	3.7	3.6	4.9	4.9	7.6	7.8	0.5	0.6	1.5	1.4
Tennessee .....	185	186	11,722	11,648	1.8	1.8	3.0	2.9	4.1	4.1	0.5	0.5	0.8	0.7
Texas .....	549	544	39,660	39,600	1.5	1.6	2.7	2.8	4.2	4.6	0.5	0.5	0.6	0.6
Utah .....	72	72	6,627	6,494	2.3	2.2	6.0	5.4	12.6	12.0	0.9	1.0	1.0	0.9
Vermont .....	159	162	2,791	2,586	4.8	4.7	6.2	6.3	7.4	7.6	0.8	0.9	1.1	1.0
Virginia .....	91	92	17,210	17,097	2.1	2.1	4.6	4.3	8.8	8.2	0.8	0.8	0.9	0.9
Washington .....	62	62	13,261	12,825	1.9	1.8	5.7	5.5	12.0	12.1	0.5	0.6	1.3	1.1
West Virginia .....	97	97	5,005	4,917	2.7	2.7	2.9	2.8	3.4	3.5	0.3	0.3	0.5	0.5
Wisconsin .....	381	381	18,781	18,401	3.3	3.2	5.5	5.5	10.1	9.9	0.7	0.7	1.0	0.9
Wyoming .....	23	23	2,384	2,311	4.1	3.9	6.1	6.0	8.4	8.2	0.7	0.8	1.5	1.5

<sup>1</sup>Refers to the number of administrative entities that are legally established under local or state law to provide public library service to the population of a local jurisdiction. A public library (administrative entity) may have a single outlet that provides direct service to the public, or it may have multiple service outlets. In 2015, a total of 16,560 stationary service outlets (8,891 central libraries and 7,669 branch libraries) were open to the public; 647 additional service outlets were bookmobiles. In 2016, a total of 16,568 stationary service outlets (8,884 central libraries and 7,684 branch libraries) were open to the public; 659 additional service outlets were bookmobiles.

<sup>2</sup>Per capita (or per person) data are based on unduplicated populations of the areas served by public libraries.

<sup>3</sup>Includes only the number of physical visits (entering the library for any purpose). The survey does not collect data on the number of online visits.

<sup>4</sup>A reference transaction is an information contact that involves the knowledge, use, recommendations, interpretation, or instruction in the use of one or more information sources by a member of the library staff.

NOTE: Data include imputations for nonresponse. Detail may not sum to totals because of rounding.

SOURCE: Institute of Museum and Library Services, Public Libraries Survey, fiscal years 2015 and 2016, retrieved June 26, 2018, from <https://www.ims.gov/research/public-libraries-in-the-united-states-survey.aspx>. (This table was prepared June 2018.)

**Table 702.10. Percentage of children ages 3 to 18 living in households with a computer, by type of computer and selected child and family characteristics: Selected years, 2010 through 2016**  
[Standard errors appear in parentheses]

Selected child or family characteristic	2010			2013			2015			2016				
	Total, any computer or smartphone <sup>1,2</sup>	Desktop, laptop, netbook, or notebook computer <sup>1</sup>	Handheld computer or smartphone <sup>3</sup>	Total, any computer or smartphone <sup>1,2</sup>	Desktop, laptop, netbook, or notebook computer <sup>1</sup>	Handheld computer or smartphone <sup>3</sup>	Total, any computer or smartphone <sup>1,2</sup>	Desktop, laptop, netbook, or notebook computer <sup>1</sup>	Handheld computer or smartphone <sup>3</sup>	Total, any computer or smartphone <sup>1,2</sup>	Desktop, laptop, tablet, or other portable wireless computer			Smartphone <sup>4</sup>
											Total <sup>1</sup>	Desktop or laptop <sup>4</sup>	Tablet or other portable wireless computer <sup>4</sup>	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
<b>Total</b> .....	<b>85.3 (0.37)</b>	<b>83.2 (0.38)</b>	<b>25.3 (0.48)</b>	<b>92.6 (0.08)</b>	<b>86.3 (0.11)</b>	<b>80.0 (0.11)</b>	<b>94.5 (0.06)</b>	<b>85.1 (0.12)</b>	<b>88.8 (0.08)</b>	<b>96.6 (0.05)</b>	<b>89.5 (0.09)</b>	<b>83.3 (0.13)</b>	<b>73.7 (0.15)</b>	<b>90.9 (0.05)</b>
<b>Sex</b>														
Male .....	85.0 (0.44)	82.9 (0.45)	25.3 (0.57)	92.5 (0.08)	86.1 (0.12)	79.9 (0.13)	94.4 (0.07)	85.0 (0.13)	88.6 (0.09)	96.5 (0.06)	89.4 (0.11)	83.1 (0.14)	73.4 (0.17)	90.8 (0.07)
Female .....	85.5 (0.45)	83.4 (0.46)	25.3 (0.53)	92.6 (0.10)	86.4 (0.13)	80.2 (0.13)	94.5 (0.07)	85.2 (0.13)	88.9 (0.10)	96.7 (0.05)	89.6 (0.11)	83.4 (0.14)	74.1 (0.17)	91.0 (0.07)
<b>Race/ethnicity</b>														
White .....	92.4 (0.34)	90.5 (0.38)	29.9 (0.71)	95.9 (0.07)	92.1 (0.11)	85.1 (0.11)	97.0 (0.06)	91.4 (0.11)	92.2 (0.09)	97.9 (0.05)	94.2 (0.09)	90.1 (0.12)	79.8 (0.16)	92.1 (0.08)
Black .....	72.8 (1.30)	70.3 (1.34)	17.6 (1.02)	87.1 (0.25)	76.2 (0.33)	72.7 (0.31)	90.2 (0.21)	74.5 (0.32)	83.0 (0.25)	94.0 (0.20)	81.4 (0.28)	72.3 (0.31)	63.1 (0.36)	87.8 (0.22)
Hispanic .....	74.3 (0.90)	72.0 (0.88)	17.0 (0.82)	87.2 (0.20)	77.3 (0.25)	71.5 (0.30)	90.7 (0.16)	75.4 (0.27)	83.5 (0.22)	94.8 (0.12)	82.5 (0.22)	73.0 (0.25)	65.2 (0.24)	89.4 (0.16)
Asian .....	93.5 (1.18)	93.1 (1.21)	28.5 (1.98)	97.9 (0.13)	96.4 (0.18)	86.3 (0.34)	98.3 (0.14)	95.9 (0.21)	93.3 (0.28)	98.9 (0.11)	97.0 (0.18)	94.8 (0.23)	80.8 (0.34)	93.7 (0.25)
Pacific Islander .....	83.9 (7.10)	78.9 (7.35)	24.4 (7.88)	87.8 (2.10)	79.9 (2.40)	70.4 (2.72)	90.9 (1.55)	80.5 (1.96)	83.8 (1.88)	94.3 (1.50)	77.8 (2.31)	69.3 (2.56)	60.7 (2.71)	85.9 (2.21)
American Indian/Alaska Native .....	72.4 (4.70)	66.2 (5.27)	21.4 (4.26)	79.0 (0.73)	70.3 (0.81)	62.7 (0.93)	83.7 (0.82)	68.8 (1.07)	75.9 (0.95)	87.3 (0.62)	75.6 (0.81)	64.7 (1.01)	61.1 (1.04)	80.3 (0.73)
Two or more races .....	85.2 (2.09)	82.0 (2.30)	33.9 (2.41)	95.8 (0.19)	89.9 (0.36)	85.7 (0.37)	97.1 (0.18)	88.6 (0.38)	93.0 (0.25)	98.5 (0.12)	92.9 (0.28)	86.8 (0.37)	79.3 (0.44)	93.0 (0.25)
<b>Age</b>														
3 and 4 .....	81.0 (0.76)	78.2 (0.78)	24.9 (0.80)	90.4 (0.15)	81.3 (0.22)	79.0 (0.21)	93.1 (0.15)	80.8 (0.24)	88.1 (0.18)	96.0 (0.10)	86.6 (0.22)	79.0 (0.24)	71.5 (0.27)	91.2 (0.13)
5 to 10 .....	83.9 (0.52)	81.7 (0.52)	25.5 (0.61)	91.8 (0.09)	84.7 (0.13)	79.6 (0.15)	93.8 (0.09)	83.1 (0.14)	88.3 (0.12)	96.2 (0.06)	88.3 (0.12)	80.8 (0.16)	74.0 (0.16)	90.6 (0.07)
11 to 14 .....	87.3 (0.59)	85.5 (0.62)	25.6 (0.73)	93.5 (0.10)	88.2 (0.13)	80.5 (0.14)	95.1 (0.08)	86.9 (0.14)	89.2 (0.11)	96.9 (0.07)	90.8 (0.12)	85.4 (0.15)	75.4 (0.18)	90.8 (0.10)
15 to 18 .....	87.7 (0.49)	85.6 (0.54)	24.7 (0.71)	93.9 (0.10)	89.1 (0.14)	80.7 (0.14)	95.4 (0.08)	88.4 (0.14)	89.4 (0.11)	97.2 (0.06)	91.3 (0.11)	87.0 (0.14)	72.8 (0.21)	91.3 (0.10)
<b>Metropolitan status<sup>5</sup></b>														
Metropolitan <sup>6</sup> .....	85.7 (0.40)	83.6 (0.41)	26.5 (0.56)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)
Nonmetropolitan <sup>7</sup> .....	82.8 (0.94)	80.6 (0.98)	18.2 (1.05)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)
<b>Highest level of education attained by either parent<sup>8</sup></b>														
Less than high school .....	57.0 (1.77)	52.6 (1.70)	10.1 (0.94)	75.7 (0.40)	61.2 (0.39)	55.9 (0.42)	81.3 (0.35)	57.7 (0.41)	72.1 (0.37)	87.9 (0.27)	67.4 (0.34)	54.1 (0.38)	48.5 (0.37)	80.8 (0.30)
High school diploma or equivalent .....	76.1 (0.91)	73.4 (0.89)	15.5 (0.77)	87.3 (0.22)	76.2 (0.26)	69.9 (0.27)	90.2 (0.18)	73.5 (0.28)	82.1 (0.23)	94.1 (0.13)	80.6 (0.26)	69.6 (0.30)	61.4 (0.26)	87.4 (0.17)
Some college .....	88.7 (0.73)	86.4 (0.86)	23.2 (0.95)	94.3 (0.13)	87.1 (0.19)	81.3 (0.19)	95.8 (0.12)	85.2 (0.22)	90.0 (0.14)	97.5 (0.09)	90.5 (0.15)	83.0 (0.21)	73.3 (0.27)	92.4 (0.13)
Associate's degree .....	91.5 (0.67)	90.0 (0.79)	24.3 (1.37)	96.7 (0.14)	92.7 (0.21)	85.5 (0.25)	97.7 (0.12)	91.8 (0.23)	92.7 (0.24)	98.7 (0.09)	94.9 (0.18)	90.1 (0.24)	79.4 (0.28)	93.9 (0.16)
Bachelor's or higher degree .....	96.8 (0.28)	95.7 (0.34)	38.0 (0.87)	99.0 (0.04)	97.6 (0.06)	91.8 (0.10)	99.2 (0.03)	97.4 (0.06)	96.1 (0.08)	99.6 (0.03)	98.5 (0.05)	97.0 (0.08)	86.6 (0.12)	94.9 (0.07)
Bachelor's degree .....	95.9 (0.40)	94.8 (0.47)	36.8 (1.14)	98.6 (0.06)	96.9 (0.10)	90.5 (0.15)	99.0 (0.05)	96.6 (0.09)	95.4 (0.11)	99.4 (0.04)	98.0 (0.07)	95.9 (0.11)	85.1 (0.17)	94.7 (0.10)
Master's or higher degree .....	98.0 (0.35)	96.9 (0.44)	39.7 (1.16)	99.4 (0.04)	98.6 (0.07)	93.5 (0.14)	99.5 (0.04)	98.4 (0.07)	96.9 (0.10)	99.7 (0.03)	99.1 (0.06)	98.3 (0.08)	88.4 (0.17)	95.0 (0.12)
<b>Family income (in current dollars)</b>														
Less than \$10,000 .....	53.9 (1.90)	50.0 (1.88)	9.8 (1.07)	76.4 (0.40)	61.5 (0.43)	58.6 (0.46)	82.1 (0.42)	58.1 (0.47)	73.6 (0.45)	87.7 (0.40)	67.1 (0.52)	54.5 (0.50)	49.0 (0.49)	79.5 (0.44)
\$10,000 to \$19,999 .....	68.4 (1.35)	64.8 (1.44)	12.2 (1.06)	81.2 (0.34)	67.5 (0.43)	62.4 (0.40)	85.7 (0.31)	63.3 (0.43)	76.7 (0.32)	90.6 (0.26)	72.4 (0.44)	59.3 (0.44)	52.7 (0.45)	82.7 (0.33)
\$20,000 to \$29,999 .....	75.4 (1.34)	72.5 (1.33)	14.8 (1.01)	86.9 (0.32)	74.7 (0.39)	68.1 (0.36)	89.2 (0.29)	71.3 (0.45)	80.4 (0.35)	93.8 (0.25)	79.0 (0.40)	67.3 (0.40)	58.6 (0.43)	86.4 (0.31)
\$30,000 to \$39,999 .....	84.9 (1.05)	82.7 (1.13)	16.2 (0.95)	90.6 (0.22)	82.0 (0.27)	73.3 (0.37)	92.8 (0.22)	79.3 (0.36)	85.0 (0.30)	95.4 (0.20)	83.7 (0.38)	74.2 (0.47)	64.0 (0.44)	88.7 (0.27)
\$40,000 to \$49,999 .....	91.1 (0.98)	88.9 (1.04)	23.3 (1.46)	93.3 (0.22)	86.4 (0.31)	77.3 (0.33)	94.2 (0.26)	83.4 (0.44)	86.8 (0.31)	96.5 (0.16)	88.5 (0.28)	80.0 (0.36)	69.3 (0.36)	90.2 (0.25)
\$50,000 to \$74,999 .....	92.4 (0.71)	91.0 (0.73)	25.7 (1.17)	95.7 (0.14)	91.0 (0.18)	82.3 (0.25)	96.6 (0.12)	89.1 (0.20)	90.7 (0.17)	97.9 (0.08)	92.6 (0.18)	86.6 (0.24)	75.5 (0.28)	92.2 (0.15)
\$75,000 to \$99,999 .....	95.2 (0.59)	93.7 (0.73)	32.2 (1.40)	97.5 (0.12)	94.8 (0.13)	88.0 (0.24)	98.0 (0.09)	94.0 (0.17)	93.6 (0.19)	98.6 (0.08)	95.9 (0.13)	92.2 (0.19)	81.0 (0.29)	93.6 (0.14)
\$100,000 or more .....	98.3 (0.29)	97.2 (0.39)	45.9 (1.25)	99.0 (0.04)	97.8 (0.06)	93.8 (0.10)	99.1 (0.04)	97.3 (0.08)	96.5 (0.09)	99.4 (0.04)	98.4 (0.06)	96.9 (0.08)	87.7 (0.13)	95.2 (0.09)
\$100,000 to \$149,999 .....	98.0 (0.44)	97.2 (0.53)	38.8 (1.48)	98.8 (0.06)	97.2 (0.09)	92.5 (0.14)	98.8 (0.07)	96.5 (0.13)	95.8 (0.15)	99.2 (0.07)	97.8 (0.10)	95.7 (0.13)	85.5 (0.21)	94.8 (0.13)
\$150,000 or more .....	98.8 (0.36)	97.2 (0.59)	55.3 (1.62)	99.3 (0.05)	98.6 (0.08)	95.3 (0.12)	99.4 (0.05)	98.3 (0.08)	97.3 (0.08)	99.6 (0.04)	99.0 (0.05)	98.1 (0.08)	90.0 (0.16)	95.7 (0.11)

—Not available.

†Not applicable.

<sup>1</sup>Interpret data with caution. The coefficient of variation (CV) for this estimate is between 30 and 50 percent.

<sup>2</sup>In addition to the types of computers/devices specified, includes a small percentage (less than 1 percent) of children whose households had "some other type of computer" not listed in the survey questions.

<sup>3</sup>Households indicating they had the types of computers/devices listed in more than one survey question were counted only once in the total. Therefore, the total is less than the sum of the categories.

<sup>4</sup>Prior to 2016, the question used the term "smart mobile phone" rather than "smartphone."

<sup>5</sup>The questions were revised in 2016. Specifically, "desktop" and "laptop" were no longer combined into the same question with "netbook" and "notebook"; "smartphone" was no longer combined into the same question with other types of "handheld" computers; and a new question was added for "tablet or other portable wireless computer."

<sup>6</sup>Children living in areas whose metropolitan status was not identified are excluded from this analysis. From 2010 through 2016, less than 1 percent of children ages 3 to 18 lived in an area with nonidentified metropolitan status.

<sup>7</sup>Refers to metropolitan statistical areas, which contain at least one urbanized area with a population of 50,000 or more.

<sup>8</sup>Refers to areas that are outside of metropolitan statistical areas.

<sup>9</sup>Highest education level of any parent residing with the child (including an adoptive or stepparent). Includes only children who resided with at least one of their parents.

NOTE: Data are based on children living in households and exclude children living in institutions (e.g., prisons or nursing facilities). Percentages refer to children whose household members owned or used at home any of the specified computers/devices. Estimates for 2010 may not be comparable to those for later years because the 2010 estimates are based on the Current Population Survey, while those for later years are based on the American Community Survey (ACS). Estimates for 2016 may not be comparable to those for other years because the wording of the computer questions was revised for the 2016 ACS. Race categories exclude persons of Hispanic ethnicity.

SOURCE: U.S. Department of Commerce, Census Bureau, Current Population Survey (CPS), October 2010; and American Community Survey (ACS), 2013, 2015, and 2016. (This table was prepared June 2018.)

**Table 702.30. Percentage of persons age 3 and over who use the Internet anywhere and who use the Internet at selected locations, by selected characteristics: 2011 and 2015**

[Standard errors appear in parentheses]

Selected characteristic	Percent using the Internet, 2011				Percent using the Internet, 2015			
	Anywhere <sup>1</sup>	At home	At school	At workplace	Anywhere <sup>1</sup>	At home	At school	At workplace
1	2	3	4	5	6	7	8	9
<b>Total</b> .....	<b>69.7 (0.22)</b>	<b>64.1 (0.24)</b>	<b>17.6 (0.17)</b>	<b>23.9 (0.15)</b>	<b>74.6 (0.23)</b>	<b>68.0 (0.25)</b>	<b>15.4 (0.14)</b>	<b>27.6 (0.17)</b>
<b>Sex</b>								
Male .....	69.4 (0.26)	64.0 (0.28)	17.1 (0.20)	24.8 (0.19)	74.2 (0.26)	67.6 (0.27)	15.4 (0.17)	29.0 (0.23)
Female .....	70.1 (0.23)	64.1 (0.26)	18.0 (0.19)	23.1 (0.19)	74.9 (0.26)	68.3 (0.29)	15.4 (0.17)	26.3 (0.20)
<b>Race/ethnicity</b>								
White .....	75.0 (0.25)	70.5 (0.27)	16.9 (0.18)	28.0 (0.20)	78.0 (0.28)	72.6 (0.31)	13.9 (0.16)	31.6 (0.22)
Black .....	60.2 (0.67)	51.0 (0.77)	18.8 (0.49)	16.6 (0.40)	67.8 (0.60)	57.6 (0.67)	17.2 (0.44)	21.3 (0.44)
Hispanic .....	54.4 (0.66)	46.6 (0.72)	18.2 (0.41)	13.3 (0.35)	65.8 (0.70)	57.3 (0.76)	18.1 (0.38)	17.7 (0.38)
Asian .....	73.6 (0.83)	70.8 (0.91)	18.9 (0.63)	26.9 (0.75)	77.4 (0.87)	72.8 (0.91)	15.7 (0.59)	31.6 (0.74)
Pacific Islander .....	67.3 (3.76)	60.6 (4.16)	18.3 (2.54)	23.3 (2.95)	75.8 (3.07)	64.4 (3.86)	13.6 (2.46)	25.6 (3.09)
American Indian/Alaska Native .....	59.7 (2.62)	49.4 (3.47)	18.3 (1.69)	14.6 (1.31)	70.2 (2.03)	56.5 (2.42)	18.6 (1.73)	17.9 (1.50)
Two or more races .....	72.6 (1.26)	64.2 (1.41)	27.3 (1.30)	17.1 (0.98)	78.6 (1.25)	70.7 (1.48)	28.2 (1.37)	20.3 (0.94)
<b>Age</b>								
3 and 4 .....	25.9 (0.85)	24.1 (0.85)	10.0 (0.57)	† (†)	44.9 (0.98)	38.8 (0.96)	13.8 (0.77)	† (†)
5 to 10 .....	51.3 (0.63)	47.1 (0.66)	33.7 (0.59)	† (†)	65.7 (0.74)	54.2 (0.71)	41.2 (0.77)	† (†)
11 to 14 .....	73.0 (0.73)	66.6 (0.78)	55.8 (0.81)	† (†)	75.7 (0.78)	65.1 (0.81)	54.4 (0.93)	† (†)
15 to 18 .....	85.2 (0.54)	76.9 (0.61)	62.4 (0.70)	3.2 (0.23)	84.7 (0.54)	76.1 (0.62)	58.6 (0.80)	4.7 (0.32)
19 to 24 .....	83.1 (0.53)	73.5 (0.69)	39.0 (0.72)	18.9 (0.42)	85.5 (0.49)	77.8 (0.57)	34.1 (0.59)	26.6 (0.56)
25 to 29 .....	81.5 (0.55)	72.8 (0.64)	12.8 (0.42)	38.4 (0.71)	83.6 (0.51)	77.0 (0.56)	9.9 (0.40)	44.2 (0.69)
30 to 39 .....	80.9 (0.39)	74.4 (0.42)	9.3 (0.29)	42.3 (0.43)	82.5 (0.39)	76.9 (0.41)	5.8 (0.24)	46.6 (0.49)
40 to 49 .....	79.6 (0.40)	74.6 (0.45)	7.6 (0.23)	42.8 (0.43)	81.5 (0.42)	75.5 (0.47)	4.3 (0.21)	47.1 (0.54)
50 to 59 .....	71.9 (0.44)	67.3 (0.46)	5.1 (0.22)	36.0 (0.43)	75.9 (0.42)	69.7 (0.46)	2.2 (0.15)	41.7 (0.43)
60 to 69 .....	64.4 (0.54)	60.3 (0.56)	3.3 (0.20)	19.9 (0.38)	71.2 (0.47)	66.2 (0.49)	1.3 (0.11)	24.8 (0.39)
70 or older .....	38.5 (0.55)	35.0 (0.56)	0.9 (0.10)	3.9 (0.20)	49.5 (0.62)	46.6 (0.63)	0.7 (0.08)	5.6 (0.24)
<b>Highest level of education attained by persons age 25 and over</b>								
Less than high school .....	31.5 (0.58)	26.3 (0.57)	1.2 (0.15)	4.8 (0.28)	42.0 (0.66)	36.1 (0.65)	1.5 (0.15)	8.0 (0.34)
High school diploma or equivalent .....	58.7 (0.38)	52.9 (0.38)	1.9 (0.10)	16.9 (0.28)	64.8 (0.45)	58.0 (0.47)	1.7 (0.10)	21.7 (0.30)
Some college .....	79.6 (0.42)	72.7 (0.42)	7.7 (0.26)	32.8 (0.47)	80.5 (0.38)	74.7 (0.40)	5.2 (0.23)	36.4 (0.49)
Associate's degree .....	82.6 (0.48)	76.4 (0.52)	7.3 (0.34)	39.9 (0.60)	84.0 (0.53)	78.1 (0.61)	4.5 (0.25)	43.2 (0.67)
Bachelor's or higher degree .....	90.0 (0.22)	86.4 (0.26)	12.1 (0.27)	56.1 (0.34)	87.8 (0.28)	84.1 (0.30)	5.3 (0.17)	55.4 (0.40)
Bachelor's degree .....	89.1 (0.28)	85.2 (0.31)	9.6 (0.31)	53.1 (0.41)	87.3 (0.35)	83.5 (0.38)	4.9 (0.22)	53.8 (0.48)
Master's or higher degree .....	91.6 (0.32)	88.6 (0.39)	16.6 (0.48)	61.5 (0.58)	88.6 (0.40)	85.1 (0.46)	6.0 (0.29)	58.0 (0.60)
<b>Metropolitan status<sup>2</sup></b>								
Metropolitan <sup>3</sup> .....	71.0 (0.24)	65.5 (0.27)	18.0 (0.18)	25.0 (0.18)	75.5 (0.24)	69.2 (0.26)	15.6 (0.15)	28.5 (0.18)
Nonmetropolitan <sup>4</sup> .....	62.8 (0.69)	55.9 (0.71)	15.2 (0.38)	18.5 (0.42)	69.1 (0.81)	60.7 (0.85)	14.6 (0.44)	22.1 (0.53)
<b>Family income (in current dollars)</b>								
Less than \$10,000 .....	48.9 (0.82)	36.5 (0.89)	15.3 (0.56)	6.3 (0.36)	56.4 (0.93)	44.8 (1.02)	17.0 (0.68)	8.7 (0.41)
\$10,000 to \$19,999 .....	48.2 (0.67)	38.7 (0.70)	13.1 (0.43)	7.8 (0.29)	54.7 (0.75)	44.9 (0.77)	13.1 (0.49)	9.6 (0.36)
\$20,000 to \$29,999 .....	55.6 (0.62)	47.5 (0.69)	13.4 (0.38)	11.4 (0.32)	63.2 (0.82)	54.3 (0.84)	13.9 (0.47)	14.6 (0.46)
\$30,000 to \$39,999 .....	62.0 (0.70)	54.8 (0.73)	15.2 (0.44)	15.8 (0.39)	68.3 (0.63)	60.5 (0.69)	13.6 (0.44)	18.3 (0.44)
\$40,000 to \$49,999 .....	70.3 (0.72)	64.8 (0.76)	16.2 (0.48)	21.3 (0.47)	74.0 (0.81)	67.4 (0.89)	14.3 (0.52)	25.0 (0.59)
\$50,000 to \$74,999 .....	77.6 (0.43)	73.8 (0.47)	18.0 (0.36)	27.8 (0.40)	79.7 (0.47)	74.1 (0.49)	14.9 (0.32)	31.0 (0.42)
\$75,000 to \$99,999 .....	83.6 (0.37)	80.6 (0.42)	20.9 (0.48)	36.0 (0.47)	83.2 (0.54)	78.4 (0.61)	16.2 (0.41)	36.0 (0.47)
\$100,000 or more .....	86.6 (0.36)	84.5 (0.43)	23.2 (0.39)	42.5 (0.41)	86.1 (0.39)	82.0 (0.44)	17.8 (0.34)	43.1 (0.36)
\$100,000 to \$149,999 .....	86.9 (0.45)	84.7 (0.50)	23.1 (0.48)	41.3 (0.56)	85.8 (0.50)	81.5 (0.59)	17.7 (0.42)	41.1 (0.49)
\$150,000 or more .....	86.2 (0.54)	84.2 (0.66)	23.4 (0.61)	44.1 (0.61)	86.5 (0.60)	82.5 (0.64)	17.9 (0.52)	45.4 (0.58)

†Not applicable.

‡Reporting standards not met. Either there are too few cases for a reliable estimate or the coefficient of variation (CV) is 50 percent or greater.

<sup>1</sup>Includes all persons who use the Internet at any location.

<sup>2</sup>Persons living in areas whose metropolitan status was not identified are excluded from this analysis. In 2011 and 2015, less than 1 percent of persons lived in an area with non-identified metropolitan status.

<sup>3</sup>Refers to metropolitan statistical areas, which contain at least one urbanized area with a population of 50,000 or more.

<sup>4</sup>Refers to areas that are outside of metropolitan statistical areas.

NOTE: Data are based on sample surveys of the civilian noninstitutionalized population, which excludes persons in the military and persons living in institutions (e.g., prisons or nursing facilities). Race categories exclude persons of Hispanic ethnicity.

SOURCE: U.S. Department of Commerce, Census Bureau, Current Population Survey (CPS), July 2011 and July 2015. (This table was prepared April 2017.)



## APPENDIX A

# Guide to Sources

The information presented in the *Digest of Education Statistics* was obtained from many sources, including federal and state agencies, private research organizations, and professional associations. The data were collected using many research methods, including surveys of a universe (such as all colleges) or of a sample, compilations of administrative records, and statistical projections. Brief descriptions of the information sources, data collections, and data collection methods that were used to produce this report are presented below, grouped by sponsoring organization. Additional details about many of these and other data sets can be found on the Department of Education's Data Inventory website (<https://datainventory.ed.gov/>).

### National Center for Education Statistics (NCES)

#### *Baccalaureate and Beyond Longitudinal Study*

The Baccalaureate and Beyond Longitudinal Study (B&B) is based on the National Postsecondary Student Aid Study (NPSAS) and provides information concerning education and work experience after completing a bachelor's degree. A special emphasis of B&B is on those entering teaching. B&B provides cross-sectional information 1 year after bachelor's degree completion (comparable to the information that was provided in the Recent College Graduates study), while at the same time providing longitudinal data concerning entry into and progress through graduate-level education and the workforce, income, and debt repayment. This information has not been available through follow-ups involving high school cohorts or even college-entry cohorts, because these cohorts have limited numbers who actually complete a bachelor's degree and continue their graduate education. Also, these cohorts are not representative of all bachelor's degree recipients.

B&B followed NPSAS baccalaureate degree completers for a 10-year period after completion, beginning with NPSAS:93. About 11,000 students who completed their degrees in the 1992–93 academic year were included in the first B&B cohort (B&B:93). The first follow-up of this cohort (B&B:93/94) occurred 1 year later. In addition to collecting student data, B&B:93/94 collected postsecondary

transcripts covering the undergraduate period, which provided complete information on progress and persistence at the undergraduate level. The second follow-up of this cohort (B&B:93/97) took place in spring 1997 and gathered information on employment history, family formation, and enrollment in graduate programs. The third follow-up (B&B:93/03) occurred in 2003 and provided information concerning graduate study and long-term employment experiences after degree completion.

The second B&B cohort (B&B:2000), which was associated with NPSAS:2000, included 11,700 students who completed their degrees in the 1999–2000 academic year. The first and only follow-up survey of this cohort was conducted in 2001 (B&B:2000/01) and focused on time to degree completion, participation in postbaccalaureate education and employment, and the activities of newly qualified teachers.

The third B&B cohort (B&B:08), which is associated with NPSAS:08, included 18,000 students who completed their degrees in the 2007–08 academic year. The first follow-up took place in 2009 (B&B:08/09), and the second follow-up took place in 2012 (B&B:08/12). The report *Baccalaureate and Beyond: A First Look at the Employment Experiences and Lives of College Graduates, 4 Years On (B&B:08/12)* (NCES 2014-141) presents findings based on data from the second follow-up. It examines bachelor's degree recipients' labor market experiences and enrollment in additional postsecondary degree programs through the 4th year after graduation. In addition, 2008/12 *Baccalaureate and Beyond Longitudinal Study (B&B:08/12) Data File Documentation* (NCES 2015-141) describes the universe, methods, and data collection procedures used in the second follow-up. A third and final follow-up (B&B:08/18) to the third B&B cohort is planned for 2018.

Further information on B&B may be obtained from

Aurora D'Amico  
Ted Socha  
Longitudinal Surveys Branch  
Sample Surveys Division  
National Center for Education Statistics  
550 12th Street SW  
Washington, DC 20202  
[aurora.damico@ed.gov](mailto:aurora.damico@ed.gov)  
[ted.socha@ed.gov](mailto:ted.socha@ed.gov)  
<https://nces.ed.gov/surveys/b&b/>

## ***Beginning Postsecondary Students Longitudinal Study***

The Beginning Postsecondary Students Longitudinal Study (BPS) provides information on persistence, progress, and attainment for 6 years after initial time of entry into postsecondary education. BPS includes traditional and non-traditional (e.g., older) students and is representative of all beginning students in postsecondary education in a given year. Initially, these individuals are surveyed in the National Postsecondary Student Aid Study (NPSAS) during the year in which they first begin their postsecondary education. These same students are surveyed again 2 and 5 years later through the BPS. By starting with a cohort that has already entered postsecondary education and following it for 6 years, the BPS can determine the extent to which students who start postsecondary education at various ages differ in their progress, persistence, and attainment, as well as their entry into the workforce. The first BPS was conducted in 1989–90, with follow-ups in 1992 (BPS:90/92) and 1994 (BPS:90/94). The second BPS was conducted in 1995–96, with follow-ups in 1998 (BPS:96/98) and 2001 (BPS:96/01). The third BPS was conducted in 2003–04, with follow-ups in 2006 (BPS:04/06) and 2009 (BPS:04/09).

The fourth BPS was conducted in 2012, with a follow-up in 2014 (BPS:12/14) and one planned for 2017. In the base year, 1,690 institutions were sampled, of which all were confirmed eligible to participate. In addition, 128,120 students were sampled, and 123,600 were eligible to participate in the NPSAS:12 study. In the first follow-up (BPS:12/14), of the 35,540 eligible NPSAS:12 sample students, 24,770 responded, for an unweighted student response rate of 70 percent and a weighted response rate of 68 percent.

Further information on BPS may be obtained from

Aurora D'Amico  
David Richards  
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Sample Surveys Division  
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550 12th Street SW  
Washington, DC 20202  
[aurora.damico@ed.gov](mailto:aurora.damico@ed.gov)  
[david.richards@ed.gov](mailto:david.richards@ed.gov)  
<https://nces.ed.gov/surveys/bps/>

## ***Common Core of Data***

The Common Core of Data (CCD) is NCES's primary database on public elementary and secondary education in the United States. It is a comprehensive, annual, national statistical database of all public elementary and secondary schools and school districts containing data designed to be comparable across all states. This database can be used to select samples for other NCES surveys and provide basic information and descriptive statistics on public elementary and secondary schools and schooling in general.

The CCD collects statistical information annually from approximately 100,000 public elementary and secondary schools and approximately 18,000 public school districts (including supervisory unions and regional education service agencies) in the 50 states, the District of Columbia, Department of Defense (DoD) dependents schools, the Bureau of Indian Education (BIE), Puerto Rico, American Samoa, Guam, the Northern Mariana Islands, and the U.S. Virgin Islands. Three categories of information are collected in the CCD survey: general descriptive information on schools and school districts, data on students and staff, and fiscal data. The general school and district descriptive information includes name, address, phone number, and type of locale; the data on students and staff include selected demographic characteristics; and the fiscal data pertain to revenues and current expenditures.

The *EDFacts* data collection system is the primary collection tool for the CCD. NCES works collaboratively with the Department of Education's Performance Information Management Service to develop the CCD collection procedures and data definitions. Coordinators from state education agencies (SEAs) submit the CCD data at different levels (school, agency, and state) to the *EDFacts* collection system. Prior to submitting CCD files to *EDFacts*, SEAs must collect and compile information from their respective local education agencies (LEAs) through established administrative records systems within their state or jurisdiction.

Once SEAs have completed their submissions, the CCD survey staff analyzes and verifies the data for quality assurance. Even though the CCD is a universe collection and thus not subject to sampling errors, nonsampling errors can occur. The two potential sources of nonsampling errors are nonresponse and inaccurate reporting. NCES attempts to minimize nonsampling errors through the use of annual training of SEA coordinators, extensive quality reviews, and survey editing procedures. In addition, each year SEAs are given the opportunity to revise their state-level aggregates from the previous survey cycle.

The CCD survey consists of five components: The Public Elementary/Secondary School Universe Survey, the Local Education Agency (School District) Universe Survey, the State Nonfiscal Survey of Public Elementary/Secondary Education, the National Public Education Financial Survey (NPEFS), and the School District Finance Survey (F-33).

### **Public Elementary/Secondary School Universe Survey**

The Public Elementary/Secondary School Universe Survey includes all public schools providing education services to prekindergarten, kindergarten, grade 1–13, and ungraded students. For school year (SY) 2015–16, the survey included records for each public elementary and secondary school in the 50 states, the District of Columbia, the DoD dependents schools (overseas and domestic), the Bureau of Indian Education (BIE), Puerto Rico, American Samoa, the Northern Mariana Islands, Guam, and the U.S. Virgin Islands.

The Public Elementary/Secondary School Universe Survey includes data for the following variables: NCES school ID number, state school ID number, name of the school, name of the agency that operates the school, mailing address, physical location address, phone number, school type, operational status, locale code, latitude, longitude, county number, county name, full-time-equivalent (FTE) classroom teacher count, low/high grade span offered, congressional district code, school level, students eligible for free lunch, students eligible for reduced-price lunch, total students eligible for free and reduced-price lunch, and student totals and detail (by grade, by race/ethnicity, and by sex). The survey also contains flags indicating whether a school is Title I eligible, schoolwide Title I eligible, a magnet school, a charter school, a shared-time school, or a BIE school, as well as which grades are offered at the school.

#### Local Education Agency (School District) Universe Survey

The coverage of the Local Education Agency Universe Survey includes all school districts and administrative units providing education services to prekindergarten, kindergarten, grade 1–13, and ungraded students. The Local Education Agency Universe Survey includes records for the 50 states, the District of Columbia, Puerto Rico, the Bureau of Indian Education (BIE), American Samoa, Guam, the Northern Mariana Islands, the U.S. Virgin Islands, and the DoD dependents schools (overseas and domestic).

The Local Education Agency Universe Survey includes the following variables: NCES agency ID number, state agency ID number, agency name, phone number, mailing address, physical location address, agency type code, supervisory union number, American National Standards Institute (ANSI) state and county code, county name, core based statistical area (CBSA), metropolitan/micropolitan code, metropolitan status code, locale code, congressional district, operational status code, BIE agency status, low/high grade span offered, agency charter status, number of schools, number of full-time-equivalent teachers, number of ungraded students, number of PK–13 students, number of special education/Individualized Education Program students, number of English language learner students, instructional staff fields, support staff fields, and LEA charter status.

#### State Nonfiscal Survey of Public Elementary/Secondary Education

The State Nonfiscal Survey of Public Elementary/Secondary Education for the 2015–16 school year provides state-level, aggregate information about students and staff in public elementary and secondary education. It includes data from the 50 states, the District of Columbia, Puerto Rico, the U.S. Virgin Islands, the Northern Mariana Islands, Guam, and American Samoa. The DoD dependents schools (overseas and domestic) and the BIE are also included in the survey universe. This survey covers public school student

membership by grade, race/ethnicity, and state or jurisdiction and covers number of staff in public schools by category and state or jurisdiction. Beginning with the 2006–07 school year, the number of diploma recipients and other high school completers are no longer included in the State Nonfiscal Survey of Public Elementary/Secondary Education File. These data are now published in the public-use CCD State Dropout and Completion Data File.

#### National Public Education Financial Survey

The purpose of the National Public Education Financial Survey (NPEFS) is to provide district, state, and federal policymakers, researchers, and other interested users with descriptive information about revenues and expenditures for public elementary and secondary education. The data collected are useful to (1) chief officers of state education agencies; (2) policymakers in the executive and legislative branches of federal and state governments; (3) education policy and public policy researchers; and (4) the public, journalists, and others.

Data for NPEFS are collected from state education agencies (SEAs) in the 50 states, the District of Columbia, Puerto Rico, American Samoa, Guam, the Northern Mariana Islands, and the U.S. Virgin Islands. The data file is organized by state or jurisdiction and contains revenue data by funding source; expenditure data by function (the activity being supported by the expenditure) and object (the category of expenditure); average daily attendance data; and total student membership data from the CCD State Nonfiscal Survey of Public Elementary/Secondary Education.

#### School District Finance Survey

The purpose of the School District Finance Survey (F-33) is to provide finance data for all local education agencies (LEAs) that provide free public elementary and secondary education in the United States. National and state totals are not included (national- and state-level figures are presented, however, in the National Public Education Financial Survey).

NCES partners with the U.S. Census Bureau in the collection of school district finance data. The Census Bureau distributes Census Form F-33, Annual Survey of School System Finances, to all SEAs, and representatives from the SEAs collect and edit data from their LEAs and submit data to the Census Bureau. The Census Bureau then produces two data files: one for distribution and reporting by NCES and the other for distribution and reporting by the Census Bureau. The files include variables for revenues by source, expenditures by function and object, indebtedness, assets, and student membership counts, as well as identification variables.

The following text table lists the CCD file versions used in the current edition of the *Digest of Education Statistics*:

**Table G. Common Core of Data (CCD) file versions used in the current edition of the *Digest of Education Statistics: 1986–87 through 2015–16***

Year	State Nonfiscal Survey of Public Elementary and Secondary Education	NCES CCD State Dropout and Completion Data	National Public Education Financial Survey	Local Education Agency Universe Survey	School District Finance Survey	Public Elementary/Secondary School Universe File
1986–87 (FY 1987) .....	v.1c	†	v.1b–Revised	v.1	†	v.1
1987–88 (FY 1988) .....	v.1c	†	v.1b–Revised	v.1	†	v.1
1988–89 (FY 1989) .....	v.1c	†	v.1b–Revised	v.1	†	v.1
1989–90 (FY 1990) .....	v.1c	†	v.1b–Revised	v.1	v.1a–Final <sup>1</sup>	v.1
1990–91 (FY 1991) .....	v.1c	†	v.1b–Revised	v.1	†	v.1
1991–92 (FY 1992) .....	v.1c	†	v.1b–Revised	v.1	v.1a–Final <sup>1</sup>	Revised
1992–93 (FY 1993) .....	v.1c	†	v.1b–Revised	v.1	†	v.1
1993–94 (FY 1994) .....	v.1b	†	v.1b–Revised	v.1	†	Revised
1994–95 (FY 1995) .....	v.1b	†	v.1b–Revised	Revised	v.1d–Revised <sup>1</sup>	Revised
1995–96 (FY 1996) .....	v.1b	†	v.1b–Revised	v.1	v.1b–Revised <sup>1</sup>	v.1
1996–97 (FY 1997) .....	v.1c	†	v.1b–Revised	v.1	v.1a–Final <sup>1</sup>	v.1
1997–98 (FY 1998) .....	v.1c	†	v.1b–Revised	v.1	v.1e–Revised <sup>1</sup>	v.1
1998–99 (FY 1999) .....	v.1b	†	v.1b–Revised	v.1c	v.1c–Revised <sup>1</sup>	v.1c
1999–2000 (FY 2000) .....	v.1b	†	v.1b–Revised	v.1b	v.1d–Revised <sup>1</sup>	v.1b
2000–01 (FY 2001) .....	v.1c	†	v.1b–Revised	v.1a	v.1d–Revised <sup>1</sup>	v.1a
2001–02 (FY 2002) .....	v.1c	†	v.1c–Revised	v.1a	v.1c–Revised <sup>1</sup>	v.1a
2002–03 (FY 2003) .....	v.1b	†	v.1b–Revised	v.1a	v.1b–Revised <sup>1</sup>	v.1a
2003–04 (FY 2004) .....	v.1b	†	v.1b–Revised	v.1b	v.1b–Revised <sup>1</sup>	v.1a
2004–05 (FY 2005) .....	v.1f	†	v.1b–Revised	v.1c	v.1c–Revised <sup>1</sup>	v.1b
2005–06 (FY 2006) .....	v.1b	v.1b	v.1b–Revised	v.1a	v.1a–Final <sup>1</sup>	v.1a
2006–07 (FY 2007) .....	v.1c	v.1a	v.1b–Revised	v.1c	v.1a–Final <sup>1</sup>	v.1c
2007–08 (FY 2008) .....	v.1b	v.1a	v.1a–Final	v.1b	v.1a–Final <sup>1</sup>	v.1b
2008–09 (FY 2009) .....	v.1c	v.1a	v.1b–Revised	v.1a	v.1a–Final <sup>1</sup>	v.1b
2009–10 (FY 2010) .....	v.1b	v.1a	v.1a–Provisional	v.2a	v.1a–Provisional <sup>1</sup>	v.2a
2010–11 (FY 2011) .....	v.1a	v.1a–Provisional <sup>1</sup>	v.1a–Preliminary	v.2a	v.1a–Provisional <sup>1</sup>	v.2a
2011–12 (FY 2012) .....	v.1a	v.1a–Preliminary	v.1a–Provisional	v.1a	v.1a–Provisional	v.1a
2012–13 (FY 2013) .....	v.1a	—	v.1a–Provisional	v.1a	v.1a–Provisional	v.1a
2013–14 (FY 2014) .....	v.1a	—	v.1–Provisional	v.1a	v.1a–Provisional	v.1a
2014–15 (FY 2015) .....	v.1a	—	v.1a–Provisional	v.1a	v.1a–Provisional	v.1a
2015–16 (FY 2016) .....	v.1a	—	—	v.1a	—	v.2a

—Not available.

†Not applicable. Survey not conducted.

<sup>1</sup>Data not used in current edition of *Digest of Education Statistics*.

NOTE: Preliminary data have been edited but are subject to further NCES quality control procedures. Provisional data have undergone all NCES data quality control procedures. NCES releases a final data file after a publication using provisional data has been released.

If NCES receives revised data from states or discovers errors in the final data file, a revised data file is released.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Common Core of Data (CCD), retrieved May 25, 2018, from <https://nces.ed.gov/ccd/ccddata.asp>. (This table was prepared May 2018.)

Further information on the nonfiscal CCD data may be obtained from

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National Center for Education Statistics  
550 12th Street SW  
Washington, DC 20202  
[mark.glander@ed.gov](mailto:mark.glander@ed.gov)  
<https://nces.ed.gov/ccd>

Further information on the fiscal CCD data may be obtained from

Stephen Cornman  
Elementary and Secondary Branch  
Administrative Data Division  
National Center for Education Statistics  
550 12th Street SW  
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[stephen.cornman@ed.gov](mailto:stephen.cornman@ed.gov)  
<https://nces.ed.gov/ccd>

## **Early Childhood Longitudinal Study, Birth Cohort**

The Early Childhood Longitudinal Study, Birth Cohort (ECLS-B) was designed to provide policymakers, researchers, child care providers, teachers, and parents with nationally representative information about children's early learning experiences and their transition to child care and school. From the time the ECLS-B children were infants until they entered kindergarten, their cognitive and physical development was measured using standardized assessments, and information about their care and learning experiences at home, in early care and education settings, and at school was collected through interviews with adults in the children's lives.

Data were collected from a sample of about 14,000 children born in the United States in 2001, representing a population of approximately 4 million. The children participating in the study came from diverse socioeconomic and racial/ethnic backgrounds, with oversamples of Chinese, other Asian and Pacific Islander, and American Indian/Alaska Native children. There were also oversamples of twins and of children born with moderately low and very low birthweight. Children, their parents (including nonresident and resident fathers), their child care and early

education providers, and their kindergarten teachers provided information on children's cognitive, social, emotional, and physical development. Information was also collected about the children's experiences across multiple settings (e.g., home, child care, and school).

Information about the ECLS-B children was collected when they were approximately 9 months old (2001–02), 2 years old (2003–04), and 4 years old/preschool age (2005–06). Additionally, in the fall of 2006, data were collected from all participating sample children, approximately 75 percent of whom were in kindergarten or higher. In the fall of 2007, data were collected from the approximately 25 percent of participating sample children who had not yet entered kindergarten or higher in the previous collection, as well as children who were repeating kindergarten in the 2007–08 school year.

In every round of data collection, children participated in assessment activities and parent respondents (usually the mothers of the children) were asked about themselves, their families, and their children. Resident fathers were asked about themselves and their role in the ECLS-B children's lives in the 9-month, 2-year, and preschool collections. Similar information was collected from nonresident biological fathers in the 9-month and 2-year collections. In addition, beginning when the children were 2 years old, their child care and early education providers were asked to provide information about their own experience and training and their setting's learning environment. At 2 years and at preschool, observations were conducted in the regular nonparental care and education arrangements of a subsample of children in order to obtain information about the quality of the arrangements. When the ECLS-B children were in kindergarten, their teachers were asked to provide information about the children's early learning experiences and their school and classroom environments. Also, the before- and after-school care and education providers of children in kindergarten were asked to provide information about their own experience, their training, and their setting's learning environment. School-level data, taken from other NCES datasets (the Common Core of Data and the Private School Universe Survey), and residential ZIP codes collected at each wave are also available.

Further information on the ECLS-B may be obtained from

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Washington, DC 20202  
[ecls@ed.gov](mailto:ecls@ed.gov)  
<https://nces.ed.gov/ecls/birth.asp>

### ***Early Childhood Longitudinal Study, Kindergarten Class of 1998–99***

The Early Childhood Longitudinal Study, Kindergarten Class of 1998–99 (ECLS-K) was designed to provide detailed information on children's school experiences throughout elementary school and into middle school. The study began in the fall of 1998. A nationally representative sample of about 21,300 children enrolled in 940 kindergarten programs during

the 1998–99 school year was selected to participate in the ECLS-K. The children attended both public and private kindergartens and full- and part-day programs. The sample included children from different racial/ethnic and socioeconomic backgrounds and oversamples of Asian and Pacific Islander children and private school kindergartners.

In the kindergarten year (1998–99), base-year data were collected in the fall and spring. In the first-grade year (1999–2000), data were collected again in the fall and spring. In the 3rd-grade (2002), 5th-grade (2004), and 8th-grade (2007) years, data were collected in the spring. The fall 1999 collection drew from a 30 percent subsample of schools; all other collections drew from the full sample of schools.

From kindergarten to 5th grade, the ECLS-K included a direct child cognitive assessment that was administered one on one with each child in the study. The assessment used a computer-assisted personal interview (CAPI) approach and a two-stage adaptive testing methodology. In the 8th grade, a two-stage adaptive paper-and-pencil assessment was administered in small groups. In kindergarten and first grade, the assessment included three cognitive domains: reading, mathematics, and general knowledge. General knowledge was replaced by science in the 3rd, 5th, and 8th grades. Children's height and weight were measured at each data collection point, and a direct measure of children's psychomotor development was administered in the fall of the kindergarten year only. In addition to these measures, the ECLS-K collected information about children's social skills and academic achievement through teacher reports in every grade and through student reports in the 3rd, 5th, and 8th grades.

A computer-assisted telephone interview with the children's parents/guardians was conducted at each data collection point. Parents/guardians were asked to provide key information about the children in the ECLS-K sample on subjects such as family structure (e.g., household members and composition), family demographics (e.g., family members' age, relation to the child being studied, and race/ethnicity), parent involvement, home educational activities (e.g., reading to the child), child health, parental education and employment status, and the social skills and behaviors of their children.

Data on the schools that children attended and their classrooms were collected through self-administered questionnaires completed by school administrators and classroom teachers. Administrators provided information about their schools' populations, programs, and policies. At the classroom level, data were collected from teachers on the composition of the classroom, teaching practices, curriculum, and teacher qualifications and experience. In addition, special education teachers and related services staff provided reports on the services received by children with an Individualized Education Program (IEP).

Further information on the ECLS-K may be obtained from

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Sample Surveys Division  
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[ecls@ed.gov](mailto:ecls@ed.gov)  
<https://nces.ed.gov/ecls/kindergarten.asp>

## **Early Childhood Longitudinal Study, Kindergarten Class of 2010–11**

The Early Childhood Longitudinal Study, Kindergarten Class of 2010–11 (ECLS-K:2011) provides detailed information on the school achievement and experiences of students throughout their elementary school years. The students who participated in the ECLS-K:2011 were followed longitudinally from the kindergarten year (the 2010–11 school year) through the spring of 2016, when most of them were expected to be in 5th grade. This sample of students was designed to be nationally representative of all students who were enrolled in kindergarten or who were of kindergarten age and being educated in an ungraded classroom or school in the United States in the 2010–11 school year, including those in public and private schools, those who attended full-day and part-day programs, those who were in kindergarten for the first time, and those who were kindergarten repeaters. Students who attended early learning centers or institutions that offered education only through kindergarten were included in the study sample and represented in the cohort if those institutions were included in NCES’s Common Core of Data or Private School Survey universe collections.

The ECLS-K:2011 placed emphasis on measuring students’ experiences within multiple contexts and development in multiple domains. The design of the study included the collection of information from the students, their parents/guardians, their teachers, and their schools. Information was also collected from their before- and after-school care providers in the kindergarten year.

A nationally representative sample of approximately 18,170 children from about 1,310 schools participated in the base-year administration of the ECLS-K:2011 in the 2010–11 school year. The sample included children from different racial/ethnic and socioeconomic backgrounds. Asian/Pacific Islander students were oversampled to ensure that the sample included enough students of this race/ethnicity to make accurate estimates for the group as a whole. Nine data collections were conducted: fall and spring of the children’s kindergarten year (the base year), fall 2011 and spring 2012 (the 1st-grade year), fall 2012 and spring 2013 (the 2nd-grade year), spring 2014 (the 3rd-grade year), spring 2015 (the 4th-grade year), and spring 2016 (the 5th-grade year). Although the study refers to later rounds of data collection by the grade the majority of children were expected to be in (that is, the modal grade for children who were in kindergarten in the 2010–11 school year), children were included in subsequent data collections regardless of their grade level.

A total of approximately 780 of the 1,310 originally sampled schools participated during the base year of the study. This translates to a weighted unit response rate (weighted by the base weight) of 63 percent for the base year. In the base year, the weighted child assessment unit response rate was 87 percent for the fall data collection and 85 percent for the spring collection, and the weighted parent unit response rate was 74 percent for the fall collection and 67 percent for the spring collection.

Fall and spring data collections were conducted in the 2011–12 school year, when the majority of the children were

in the 1st grade. The fall collection was conducted within a 33 percent subsample of the full base-year sample, and the spring collection was conducted within the full base-year sample. The weighted child assessment unit response rate was 89 percent for the fall data collection and 88 percent for the spring collection, and the weighted parent unit response rate was 87 percent for the fall data collection and 76 percent for the spring data collection.

In the 2012–13 data collection (when the majority of the children were in the 2nd grade) the weighted child assessment unit response rate was 84.0 percent in the fall and 83.4 percent in the spring. In the 2014 spring data collection (when the majority of the children were in the 3rd grade), the weighted child assessment unit response rate was 79.9 percent. In the 2015 spring data collection (when the majority of the children were in the 4th grade), the weighted child assessment unit response rate was 77.3 percent.

Further information on ECLS-K:2011 may be obtained from

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Sample Surveys Division  
National Center for Education Statistics  
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[ecls@ed.gov](mailto:ecls@ed.gov)  
<https://nces.ed.gov/ecls/kindergarten2011.asp>

## **EDFacts**

*EDFacts* is a centralized data collection through which state education agencies (SEAs) submit PK–12 education data to the U.S. Department of Education (ED). All data in *EDFacts* are organized into “data groups” and reported to ED using defined file specifications. Depending on the data group, SEAs may submit aggregate counts for the state as a whole or detailed counts for individual schools or school districts. *EDFacts* does not collect student-level records. The entities that are required to report *EDFacts* data vary by data group but may include the 50 states, the District of Columbia, the Department of Defense (DoD) dependents schools, the Bureau of Indian Education, Puerto Rico, American Samoa, Guam, the Northern Mariana Islands, and the U.S. Virgin Islands. More information about *EDFacts* file specifications and data groups can be found at <https://www2.ed.gov/about/inits/ed/edfacts/index.html>.

*EDFacts* is a universe collection and is not subject to sampling error, although nonsampling errors such as nonresponse and inaccurate reporting may occur. The U.S. Department of Education attempts to minimize nonsampling errors by training data submission coordinators and reviewing the quality of state data submissions. However, anomalies may still be present in the data.

Differences in state data collection systems may limit the comparability of *EDFacts* data across states and across time. To build *EDFacts* files, SEAs rely on data that were reported by their schools and school districts. The systems used to collect these data are evolving rapidly and differ from state to state.

In some cases, *EDFacts* data may not align with data reported on SEA websites. States may update their websites on schedules different from those they use to report data to ED. Furthermore, ED may use methods for protecting the privacy of individuals represented within the data that could be different from the methods used by an individual state.

*EDFacts* data on homeless students enrolled in public schools are collected in data group 655 within file 118. *EDFacts* data on English language learners enrolled in public schools are collected in data group 678 within file 141. *EDFacts* four-year adjusted cohort graduation rate (ACGR) data are collected in data group 695 within file 150 and in data group 696 within file 151. *EDFacts* collects these data groups on behalf of the Office of Elementary and Secondary Education.

For more information about *EDFacts*, please contact

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## ***Education Longitudinal Study of 2002***

The Education Longitudinal Study of 2002 (ELS:2002) is a longitudinal survey that is monitoring the transitions of a national probability sample of 10th-graders in public, Catholic, and other private schools. Survey waves follow both students and high school dropouts and monitor the transition of the cohort to postsecondary education, the labor force, and family formation.

In the base year of the study, of 1,200 eligible contacted schools, 750 participated, for an overall weighted school participation rate of approximately 68 percent (62 percent unweighted). Of 17,600 selected eligible students, 15,400 participated, for an overall weighted student response rate of approximately 87 percent. (School and student weighted response rates reflect use of the base weight [design weight] and do not include nonresponse adjustments.) Information for the study is obtained not just from students and their school records, but also from the students' parents, their teachers, their librarians, and the administrators of their schools.

The first follow-up was conducted in 2004, when most sample members were high school seniors. Base-year students who remained in their base schools were resurveyed and tested in mathematics. Sample freshening was conducted to make the study representative of spring 2004 high school seniors nationwide. Students who were not still at their base schools were all administered a questionnaire. The first follow-up weighted student response rate was 89 percent.

The second follow-up, conducted in 2006, continued to follow the sample of students into postsecondary education, the workforce, or both. The weighted student response rate for this follow-up was 82 percent. The third follow-up, which had

a weighted student response rate of 78 percent, was conducted in 2012; the data were released in January 2014.

The postsecondary transcript data collection was conducted in 2013–14. Postsecondary transcripts were requested for each of the ELS:2002 sample members who reported attending an IPEDS postsecondary institution. Transcripts were obtained for 11,623 of 12,549 eligible sample members for a weighted response rate of 77 percent. For more information on the postsecondary transcript data collection, see *Education Longitudinal Study of 2002 (ELS:2002): A First Look at the Postsecondary Transcripts of 2002 High School Sophomores* (NCES 2015-034).

Further information on ELS:2002 may be obtained from

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## ***Fast Response Survey System***

The Fast Response Survey System (FRSS) was established in 1975 to collect issue-oriented data quickly, with a minimal burden on respondents. The FRSS, whose surveys collect and report data on key education issues at the elementary and secondary levels, was designed to meet the data needs of Department of Education analysts, planners, and decisionmakers when information could not be collected quickly through NCES's large recurring surveys. Findings from FRSS surveys have been included in congressional reports, testimony to congressional subcommittees, NCES reports, and other Department of Education reports. The findings are also often used by state and local education officials.

Data collected through FRSS surveys are representative at the national level, drawing from a sample that is appropriate for each study. The FRSS collects data from state education agencies and national samples of other educational organizations and participants, including local education agencies, public and private elementary and secondary schools, elementary and secondary school teachers and principals, and public libraries and school libraries. To ensure a minimal burden on respondents, the surveys are generally limited to three pages of questions, with a response burden of about 30 minutes per respondent. Sample sizes are relatively small (usually about 1,000 to 1,500 respondents per survey) so that data collection can be completed quickly.

Further information on the FRSS may be obtained from

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## Condition of America's Public School Facilities

*Condition of America's Public School Facilities: 1999* (NCES 2000-032) is a report that presents national data about the condition of public schools in 1999. It provides results from the survey "Condition of Public School Facilities, 1999" (FRSS 73), which was conducted by NCES using its Fast Response Survey System (FRSS). The survey collected information about the condition of school facilities and the costs of bringing them into good condition; school plans for repairs, renovations, and replacements; the age of public schools; and overcrowding and practices used to address overcrowding. The results presented in this report are based on questionnaire data for 900 public elementary and secondary schools in the United States. The responses were weighted to produce national estimates that represent all regular public schools in the United States.

In 2013, NCES conducted "Condition of Public School Facilities: 2012–13" (FRSS 105), an FRSS survey covering most of the same topics. The First Look report *Condition of America's Public School Facilities: 2012–13* (NCES 2014-022) is based on results from this FRSS survey.

Further information on these FRSS reports and surveys may be obtained from

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## Public School Principals Report on Their School Facilities: Fall 2005

This report (NCES 2007-007) presents information on the extent of the match between the enrollment and the capacity of school buildings, environmental factors that can affect the use of classrooms and school buildings, the extent and ways in which schools use portable buildings and the reasons for using them, the availability of dedicated rooms for particular subject areas (such as science labs or music rooms), and the cleanliness and maintenance of student restrooms.

Results from the FRSS survey "Public School Principals' Perceptions of Their School Facilities: Fall 2005" (FRSS 88) form the basis of the report. The survey was mailed to school principals, who were asked to complete it themselves. The sample included 1,205 public schools in the 50 states and the District of Columbia. The sample was selected from the 2002–03 Common Core of Data (CCD) Public Elementary/Secondary School Universe File, the most current available at the time of selection. Of the 1,205 schools surveyed, 47 were determined to be ineligible. Of the remaining 1,158 schools, responses were received from 1,045. Data have been weighted to yield national estimates of public elementary/secondary schools. The unweighted response rate was 90 percent, and the weighted response rate was 91 percent.

Further information on this report may be obtained from

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## Internet Access in U.S. Public Schools and Classrooms: 1994–2005

This report (NCES 2007-020) is based on data collected in the FRSS survey "Internet Access in U.S. Public Schools, Fall 2005" (FRSS 90). The survey was designed to assess the federal government's commitment to assist every school and classroom in connecting to the Internet by the year 2000.

In 1994, NCES began surveying approximately 1,000 public schools each year regarding their access to the Internet, access in classrooms, and, since 1996, their type of internet connections. Later administrations of this survey were expanded to cover emerging issues. The 2003 survey (FRSS 86) was designed to update the questions in the 2002 survey (FRSS 83) and covered the following topics: school connectivity, student access to computers and the Internet, school websites, technologies and procedures to prevent student access to inappropriate websites, and teacher professional development on how to incorporate the Internet into the curriculum.

In 2005, respondents were asked about the number of instructional computers with access to the Internet, the types of internet connections, the technologies and procedures used to prevent student access to inappropriate material on the Internet, and the availability of handheld and laptop computers for students and teachers. Respondents also provided information on teacher professional development in integrating the use of the Internet into the curriculum and using the Internet to provide opportunities and information for teaching and learning.

## Use of Educational Technology in Public Schools

In 2008, the NCES survey on educational technology use in public schools was redesigned and expanded to a set of three surveys (i.e., a school-level, a district-level, and a teacher-level survey). The three surveys provide complementary information and together cover a broader range of topics than would be possible with one survey alone. The set of surveys collected data on availability and use of a range of educational technology resources, such as district and school networks, computers, devices that enhance the capabilities of computers for instruction, and computer software. They also collected information on leadership and staff support for educational technology within districts and schools.

*Educational Technology in U.S. Public Schools: Fall 2008* (NCES 2010-034) is based on the school-level survey, "Education Technology in U.S. Public Schools: Fall 2008" (FRSS 92); *Educational Technology in Public School Districts: Fall 2008* (NCES 2010-003) is based on the

district-level school technology survey, “Educational Technology in Public School Districts, Fall 2008” (FRSS 93); and *Teachers’ Use of Educational Technology in U.S. Public Schools: 2009* (NCES 2010-040) is based on the teacher-level school technology survey, “Teachers’ Use of Educational Technology in U.S. Public Schools, 2009” (FRSS 95).

Further information on internet access and technology use in public schools and classrooms may be obtained from

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### Distance Education for Public Elementary and Secondary School Students

The report *Technology-Based Distance Education Courses for Public Elementary and Secondary School Students: 2002–03 and 2004–05* (NCES 2008-008) presented data collected in the FRSS survey “Distance Education Courses for Public Elementary and Secondary School Students, 2004–05” (FRSS 89, 2005). The report included national estimates of the prevalence and characteristics of technology-based distance education courses in public schools nationwide in school year 2004–05. The report also compared those data with the baseline data that were collected in the FRSS survey “Distance Education Courses for Public Elementary and Secondary School Students: 2002–03” (FRSS 84, 2003) and provided longitudinal analysis of change in the districts that responded to both the 2002–03 and 2004–05 surveys.

Distance education courses were defined as credit-granting courses offered to elementary and secondary school students enrolled in the district in which the teacher and student were in different locations. These courses could be delivered via audio, video (live or prerecorded), or Internet or other computer technologies.

*Distance Education Courses for Public Elementary and Secondary School Students: 2009–10* (NCES 2012–008) presents national estimates about student enrollment in distance education courses in public school districts. The estimates are based on a district survey, “Distance Education Courses for Public Elementary and Secondary School Students: 2009–10” (FRSS 98, 2010), about distance education courses offered by the district or by any of the schools in the district during the 12-month 2009–10 school year. Distance education courses were defined as courses offered to elementary and secondary school students regularly enrolled in the district that were (1) credit granting; (2) technology delivered; and (3) had the instructor in a different location than the students and/or had course content developed in, or delivered from, a different location than that of the students.

Further information on FRSS reports on distance education may be obtained from

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### School Safety and Discipline

The FRSS survey “School Safety and Discipline: 2013–14” (FRSS 106, 2014) collected nationally representative data on public school safety and discipline for the 2013–14 school year. The topics covered included specific safety and discipline plans and practices, training for classroom teachers and aides related to school safety and discipline issues, security personnel, frequency of specific discipline problems, and number of incidents of various offenses.

The survey was mailed to approximately 1,600 regular public schools in the 50 states and the District of Columbia. Recipients were informed that the survey was designed to be completed by the person most knowledgeable about safety and discipline at the school. The unweighted survey response rate was 86 percent, and the weighted response rate using the initial base weights was 85 percent. The survey weights were adjusted for questionnaire nonresponse, and the data were then weighted to yield national estimates that represent all eligible regular public schools in the United States. The report *Public School Safety and Discipline: 2013–14* (NCES 2015-051) presents selected findings from the survey.

Further information on this FRSS survey may be obtained from

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### Federal Support for Education

NCES prepares an annual compilation of federal funds for education for the *Digest of Education Statistics*. Data for U.S. Department of Education programs come from the *Budget of the United States Government*. Budget offices of other federal agencies provide information for all other federal program support except for research funds, which are obligations reported by the National Science Foundation in *Federal Funds for Research and Development*. Some data are estimated, based on reports from the federal agencies contacted and the *Budget of the United States Government*.

Except for money spent on research, outlays are used to report program funds to the extent possible. Some *Digest of Education Statistics* tables report program funds as obligations, as noted in the title of the table. Some federal program funds not commonly recognized as education assistance are also included in the totals reported. For example, portions of federal funds paid to some states and counties as shared revenues resulting from the sale of timber and minerals from public lands have been estimated as funds used for education purposes. Parts of the funds received by states (in 1980) and localities (in all years) under the General Revenue Sharing Program are also included, as are portions of federal funds received by the District of Columbia. The share of these funds allocated to education is assumed to be equal to the share of general funds expended for elementary and secondary education by states and localities in the same year, as reported by the U.S. Census Bureau in its annual publication, *Government Finances*.

The share of federal funds assigned to education for the District of Columbia is assumed to be equal to the share of the city's general fund expenditures for each level of education.

For the job training programs conducted by the Department of Labor, only estimated sums spent on classroom training have been reported as educational program support.

During the 1970s, the Office of Management and Budget (OMB) prepared an annual analysis of federal education program support. These were published in the *Budget of the United States Government, Special Analyses*. The information presented in this report is not, however, a continuation of the OMB series. A number of differences in the two series should be noted. OMB required all federal agencies to report outlays for education-related programs using a standardized form, thereby assuring agency compliance in reporting. The scope of education programs reported in the *Digest of Education Statistics* differs from the scope of programs reported in the OMB reports. Off-budget items such as the annual volume of guaranteed student loans were not included in OMB's reports. Finally, while some mention is made of an annual estimate of federal tax expenditures, OMB did not include them in its annual analysis of federal education support. Estimated federal tax expenditures for education are the difference between current federal tax receipts and what these receipts would be without existing education deductions to income allowed by federal tax provisions.

Recipients' data are estimated based on *Estimating Federal Funds for Education: A New Approach Applied to Fiscal Year 1980* (Miller, V., and Noell, J., 1982, *Journal of Education Finance*); *Federal Support for Education*, various years; and the *Catalog of Federal Domestic Assistance* (<https://beta.sam.gov/>). The recipients' data are estimated and tend to undercount higher education institutions, students, and local education agencies. This is because some of the federal programs have more than one recipient receiving funds. In these cases, the recipients were put into a "mixed recipients" category, because there was no way to disaggregate the amount each recipient received.

Further information on federal support for education may be obtained from

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## ***High School and Beyond Longitudinal Study***

The High School and Beyond Longitudinal Study (HS&B) is a nationally representative sample survey of individuals who were high school sophomores and seniors in 1980. As a large-scale, longitudinal survey, its primary purpose is to observe the educational and occupational plans and activities of young people as they pass through the American educational system and take on their adult roles. The study contributes to the understanding of the development of young adults and the factors that determine individual education and career outcomes. The availability of this longitudinal data encourages research in such areas as the strength of secondary school curricula, the quality and effectiveness of secondary and postsecondary schooling, the demand for postsecondary education, problems of financing postsecondary education, and the adequacy of postsecondary alternatives open to high school students.

The HS&B survey gathered data on the education, work, and family experiences of young adults for the pivotal years during and immediately following high school. The student questionnaire covered school experiences, activities, attitudes, plans, selected background characteristics, and language proficiency. Parents were asked about their educational aspirations for their children and plans for how their postsecondary education would be financed. Teachers were surveyed regarding their assessments of their students' futures. The survey also collected detailed information, from complete high school transcripts, on courses taken and grades achieved.

The base-year survey (conducted in 1980) was a probability sample of 1,015 high schools with a target number of 36 sophomores and 36 seniors in each school. A total of 58,270 students participated in the base-year survey. Substitutions were made for nonparticipating schools—but not for students—in those strata where it was possible. Overall, 1,120 schools were selected in the original sample and 810 of these schools participated in the survey. An additional 200 schools were drawn in a replacement sample. Student refusals and absences resulted in an 82 percent completion rate for the survey.

Several small groups in the population were oversampled to allow for special study of certain types of schools and students. Students completed questionnaires and took a battery of cognitive tests. In addition, a sample of parents of sophomores and seniors (about 3,600 for each cohort) was surveyed.

HS&B first follow-up activities took place in the spring of 1982. The sample for the first follow-up survey included approximately 30,000 individuals who were sophomores in 1980. The completion rate for sample members eligible for on-campus survey administration was about 96 percent. About 89 percent of the students who left school between the base-year and first follow-up surveys (e.g., dropouts, transfer students, and early graduates) completed the first follow-up sophomore questionnaire.

As part of the first follow-up survey of HS&B, transcripts were requested in fall 1982 for an 18,150-member subsample of the sophomore cohort. Of the 15,940 transcripts actually obtained, 12,120 transcripts represented students who had graduated in 1982 and thus were eligible for use in the overall curriculum analysis presented in this publication. All courses in each transcript were assigned a 6-digit code based on the Classification of Secondary School Courses (a coding system developed to standardize course descriptions; see <https://nces.ed.gov/surveys/hst/courses.asp>). Credits earned in each course are expressed in Carnegie units. (The Carnegie unit is a standard of measurement that represents one credit for the completion of a 1-year course. To receive credit for a course, the student must have received a passing grade—"pass," "D," or higher.) Students who transferred from public to private schools or from private to public schools between their sophomore and senior years were eliminated from public/private analyses.

In designing the senior cohort first follow-up survey, one of the goals was to reduce the size of the retained sample while still keeping sufficient numbers of various racial/ethnic groups to allow important policy analyses. A total of about 11,230 of the 12,000 individuals subsampled (93.6 percent) completed the questionnaire. Information was obtained about the respondents' school and employment experiences, family status, and attitudes and plans.

The samples for the second follow-up, which took place in spring 1984, consisted of about 12,000 members of the senior cohort and about 15,000 members of the sophomore cohort. The completion rate for the senior cohort was 91 percent, and the completion rate for the sophomore cohort was 92 percent.

HS&B third follow-up data collection activities were performed in spring 1986. Both the sophomore and senior cohort samples for this round of data collection were the same as those used for the second follow-up survey. The completion rates for the sophomore and senior cohort samples were 91 percent and 88 percent, respectively.

HS&B fourth follow-up data collection activities were performed in 1992 but only covered the 1980 sophomore class. These activities included examining aspects of these students' early adult years, such as enrollment in postsecondary education, experience in the labor market, marriage and child rearing, and voting behavior. In the postsecondary transcript update conducted in 1993, transcripts were collected based on student reports of enrollment in postsecondary education.

An NCES series of technical reports and data file user's manuals, available electronically, provides additional information on the survey methodology.

Further information on HS&B may be obtained from

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### ***High School Longitudinal Study of 2009***

The High School Longitudinal Study of 2009 (HSL:09) is a nationally representative, longitudinal study of approximately 21,000 9th-grade students in 944 schools who will be followed through their secondary and postsecondary years. The study focuses on understanding students' trajectories from the beginning of high school into postsecondary education, the workforce, and beyond. The HSL:09 questionnaire is focused on, but not limited to, information on science, technology, engineering, and mathematics (STEM) education and careers. It is designed to provide data on mathematics and science education, the changing high school environment, and postsecondary education. This study features a new student assessment in algebra skills, reasoning, and problem solving and includes surveys of students, their parents, math and science teachers, and school administrators, as well as a new survey of school counselors.

The HSL:09 base year took place in the 2009–10 school year, with a randomly selected sample of fall-term 9th-graders in more than 900 public and private high schools that had both a 9th and an 11th grade. Students took a mathematics assessment and survey online. Students' parents, principals, and mathematics and science teachers and the school's lead counselor completed surveys on the phone or online.

The HSL:09 student questionnaire includes interest and motivation items for measuring key factors predicting choice of postsecondary paths, including majors and eventual careers. This study explores the roles of different factors in the development of a student's commitment to attend college and then take the steps necessary to succeed in college (the right courses, courses in specific sequences, etc.). Questionnaires in this study have asked more questions of students and parents regarding reasons for selecting specific colleges (e.g., academic programs, financial aid and access prices, and campus environment).

The first follow-up of HSL:09 occurred in the spring of 2012, when most sample members were in the 11th grade. Data files and documentation for the first follow-up were released in fall 2013 and are available on the NCES website.

A between-round postsecondary status update survey took place in the spring of students' expected graduation year (2013). It asked respondents about college applications, acceptances, and rejections, as well as their actual college choices. In the fall of 2013 and the spring of 2014, high school transcripts were collected and coded.

A full second follow-up took place in 2016, when most sample members were 3 years beyond high school graduation. Additional follow-ups are planned, to at least age 30.

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### **High School Transcript Studies**

High school transcript studies have been conducted since 1982 in conjunction with major NCES data collections. The studies collect information that is contained in a student's high school record—courses taken while attending secondary school, information on credits earned, when specific courses were taken, and final grades.

A high school transcript study was conducted in 2004 as part of the Education Longitudinal Study of 2002 (ELS:2002/2004). A total of 1,550 schools participated in the request for transcripts, for an unweighted participation rate of approximately 79 percent. Transcript information was received on 14,920 members of the student sample (not just graduates), for an unweighted response rate of 91 percent.

Similar studies were conducted on the coursetaking patterns of 1982, 1987, 1990, 1992, 1994, 1998, 2000, 2005, and 2009 high school graduates. The 1982 data are based on approximately 12,000 transcripts collected by the High School and Beyond Longitudinal Study (HS&B). The 1987 data are based on approximately 25,000 transcripts from 430 schools obtained as part of the 1987 NAEP High School Transcript Study, a scope comparable to that of the NAEP transcript studies conducted in 1990, 1994, 1998, and 2000. The 1992 data are based on approximately 15,000 transcripts collected by the National Education Longitudinal Study of 1988 (NELS:88/92). The 2005 data, from the 2005 NAEP High School Transcript Study, come from a sample of over 26,000 transcripts from 640 public schools and 80 private schools. The 2009 data are from the 2009 NAEP High School Transcript Study, which collected transcripts from a nationally representative sample of 37,700 high school graduates from about 610 public schools and 130 private schools.

Because the 1982 HS&B transcript study used a different method for identifying students with disabilities than was used in NAEP transcript studies after 1982, and in order to make the statistical summaries as comparable as possible, all the counts and percentages in this report are restricted to students whose records indicate that they had not participated in a special education program. This restriction lowers the number of 1990 graduates represented in the tables to 20,870.

Further information on NAEP high school transcript studies may be obtained from

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Further information on all other high school transcript studies may be obtained from

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### **Integrated Postsecondary Education Data System**

The Integrated Postsecondary Education Data System (IPEDS) surveys over 7,300 postsecondary institutions, including universities and colleges, as well as institutions offering technical and vocational education beyond the high school level. IPEDS, an annual universe collection that began in 1986, replaced the Higher Education General Information Survey (HEGIS). In order to present data in a timely manner, *Digest of Education Statistics* tables use “provisional” IPEDS data for the most recent years. These data have been fully reviewed, edited, and imputed, but do not incorporate data revisions submitted by institutions after the close of data collection. Tables are updated with these institutional revisions on a periodic basis.

IPEDS consists of interrelated survey components that provide information on postsecondary institutions, student enrollment, programs offered, degrees and certificates conferred, and both the human and financial resources involved in the provision of institutionally based postsecondary education. Prior to 2000, the IPEDS survey had the following subject-matter components: Graduation Rates; Fall Enrollment; Institutional Characteristics; Completions; Salaries, Tenure, and Fringe Benefits of Full-Time Faculty; Fall Staff; Finance; and Academic Libraries (in 2000, the Academic Libraries component became a survey separate from IPEDS). Since 2000, IPEDS survey components occurring in a particular collection year have been organized into three seasonal collection periods: fall, winter, and spring. The Institutional Characteristics and Completions components first took place during the fall 2000 collection; the Employees by Assigned Position (EAP),

Salaries, and Fall Staff components first took place during the winter 2001–02 collection; and the Enrollment, Student Financial Aid, Finance, and Graduation Rates components first took place during the spring 2001 collection. In the winter 2005–06 data collection, the EAP, Fall Staff, and Salaries components were merged into the Human Resources component. During the 2007–08 collection year, the Enrollment component was broken into two separate components: 12-Month Enrollment (taking place in the fall collection) and Fall Enrollment (taking place in the spring collection). In the 2011–12 IPEDS data collection year, the Student Financial Aid component was moved to the winter data collection to aid in the timing of the net price of attendance calculations displayed on the College Navigator (<https://nces.ed.gov/collegenavigator/>). In the 2012–13 IPEDS data collection year, the Human Resources component was moved from the winter data collection to the spring data collection, and in the 2013–14 data collection year, the Graduation Rates and Graduation Rates 200 Percent components were moved from the spring data collection to the winter data collection. In the 2014–15 data collection year, a new component (Admissions) was added to IPEDS and a former IPEDS component (Academic Libraries) was reintegrated into IPEDS. The Admissions component, created out of admissions data contained in the fall collection’s Institutional Characteristics component, was made a part of the winter collection. The Academic Libraries component, after having been conducted as a survey independent of IPEDS between 2000 and 2012, was reintegrated into IPEDS as part of the spring collection.

Beginning in 2008–09, the first-professional degree category was combined with the doctor’s degree category. However, some degrees formerly identified as first-professional that take more than 2 full-time-equivalent academic years to complete, such as those in Theology (M.Div, M.H.L./Rav), are included in the master’s degree category. Doctor’s degrees were broken out into three distinct categories: research/scholarship, professional practice, and other doctor’s degrees.

IPEDS race/ethnicity data collection also changed in 2008–09. The “Asian” race category is now separate from a “Native Hawaiian or Other Pacific Islander” category, and a new category of “Two or more races” has been added.

The degree-granting institutions portion of IPEDS is a census of colleges that award associate’s or higher degrees and are eligible to participate in Title IV financial aid programs. Prior to 1993, data from technical and vocational institutions were collected through a sample survey. Beginning in 1993, all data are gathered in a census of all postsecondary institutions. Beginning in 1997, the survey was restricted to institutions participating in Title IV programs. The tabulations developed for editions of the *Digest of Education Statistics* from 1993 forward are based on lists of all institutions and are not subject to sampling errors.

The classification of institutions offering college and university education changed as of 1996. Prior to 1996, institutions that had courses leading to an associate’s or higher

degree or that had courses accepted for credit toward those degrees were considered higher education institutions. Higher education institutions were accredited by an agency or association that was recognized by the U.S. Department of Education or were recognized directly by the Secretary of Education. The newer standard includes institutions that award associate’s or higher degrees and that are eligible to participate in Title IV federal financial aid programs. Tables that contain any data according to this standard are titled “degree-granting” institutions. Time-series tables may contain data from both series, and they are noted accordingly. The impact of this change on data collected in 1996 was not large. For example, tables on faculty salaries and benefits were only affected to a very small extent. Also, degrees awarded at the bachelor’s level or higher were not heavily affected. The largest impact was on private 2-year college enrollment. In contrast, most of the data on public 4-year colleges were affected to a minimal extent. The impact on enrollment in public 2-year colleges was noticeable in certain states, such as Arizona, Arkansas, Georgia, Louisiana, and Washington, but was relatively small at the national level. Overall, total enrollment for all institutions was about one-half of 1 percent higher in 1996 for degree-granting institutions than for higher education institutions.

Prior to the establishment of IPEDS in 1986, HEGIS acquired and maintained statistical data on the characteristics and operations of higher education institutions. Implemented in 1966, HEGIS was an annual universe survey of institutions accredited at the college level by an agency recognized by the Secretary of the U.S. Department of Education. These institutions were listed in NCES’s *Education Directory, Colleges and Universities*.

HEGIS surveys collected information on institutional characteristics, faculty salaries, finances, enrollment, and degrees. Since these surveys, like IPEDS, were distributed to all higher education institutions, the data presented are not subject to sampling error. However, they are subject to nonsampling error, the sources of which varied with the survey instrument.

The NCES Taskforce for IPEDS Redesign recognized that there were issues related to the consistency of data definitions as well as the accuracy, reliability, and validity of other quality measures within and across surveys. The IPEDS redesign in 2000 provided institution-specific web-based data forms. While the new system shortened data processing time and provided better data consistency, it did not address the accuracy of the data provided by institutions.

Beginning in 2003–04 with the Prior Year Data Revision System, prior-year data have been available to institutions entering current data. This allows institutions to make changes to their prior-year entries either by adjusting the data or by providing missing data. These revisions allow the evaluation of the data’s accuracy by looking at the changes made.

NCES conducted a study (NCES 2005-175) of the 2002–03 data that were revised in 2003–04 to determine the accuracy of the imputations, track the institutions that submitted revised data, and analyze the revised data they

submitted. When institutions made changes to their data, it was assumed that the revised data were the “true” data. The data were analyzed for the number and type of institutions making changes, the type of changes, the magnitude of the changes, and the impact on published data.

Because NCES imputes for missing data, imputation procedures were also addressed by the Redesign Taskforce. For the 2003–04 assessment, differences between revised values and values that were imputed in the original files were compared (i.e., revised value minus imputed value). These differences were then used to provide an assessment of the effectiveness of imputation procedures. The size of the differences also provides an indication of the accuracy of imputation procedures. To assess the overall impact of changes on aggregate IPEDS estimates, published tables for each component were reconstructed using the revised 2002–03 data. These reconstructed tables were then compared to the published tables to determine the magnitude of aggregate bias and the direction of this bias.

Since the 2000–01 data collection year, IPEDS data collections have been web-based. Data have been provided by “key-holders,” institutional representatives appointed by campus chief executives, who are responsible for ensuring that survey data submitted by the institution are correct and complete. Because Title IV institutions are the primary focus of IPEDS and because these institutions are required to respond to IPEDS, response rates for Title IV institutions have been high (data on specific components are cited below). More details on the accuracy and reliability of IPEDS data can be found in the *Integrated Postsecondary Education Data System Data Quality Study* (NCES 2005-175).

Further information on IPEDS may be obtained from

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#### Fall (12-Month Enrollment)

The 12-month period during which data are collected is July 1 through June 30. Data are collected by race/ethnicity, gender, and level of study (undergraduate or postbaccalaureate) and include unduplicated headcounts and instructional activity (contact or credit hours). These data are also used to calculate a full-time-equivalent (FTE) enrollment based on instructional activity. FTE enrollment is useful for gauging the size of the educational enterprise at the institution. Prior to the 2007–08 IPEDS data collection, the data collected in the 12-Month Enrollment component were part of the Fall Enrollment component, which is conducted during the spring data collection period. However, to improve the timeliness of the data, a separate 12-Month Enrollment survey component was developed in 2007. These data are now collected in the fall for the previous academic year. The

response rate for the 12-Month Enrollment component of the fall 2016 data collection was nearly 100 percent. Data from 5 of 6,756 Title IV institutions that were expected to respond to this component contained item nonresponse, and these missing items were imputed.

Further information on the IPEDS 12-Month Enrollment component may be obtained from

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#### Fall (Completions)

This survey was part of the HEGIS series throughout its existence. However, the degree classification taxonomy was revised in 1970–71, 1982–83, 1991–92, 2002–03, and 2009–10. Collection of degree data has been maintained through IPEDS.

Degrees-conferred trend tables arranged by the 2009–10 classification are included in the *Digest of Education Statistics* to provide consistent data from 1970–71 through the most recent year. Data in this edition on associate’s and other formal awards below the baccalaureate degree, by field of study, cannot be made comparable with figures from years prior to 1982–83. The nonresponse rate does not appear to be a significant source of nonsampling error for this survey. The response rate over the years has been high; for the fall 2016 Completions component, it rounded to 100 percent. Because of the high response rate, there was no need to conduct a non-response bias analysis. Imputation methods for the fall 2016 IPEDS Completions component are discussed in the 2016–17 *Integrated Postsecondary Education Data System (IPEDS) Methodology Report* (NCES 2017-078).

The *Integrated Postsecondary Education Data System Data Quality Study* (NCES 2005-175) indicated that most Title IV institutions supplying revised data on completions in 2003–04 were able to supply missing data for the prior year. The small differences between imputed data for the prior year and the revised actual data supplied by the institution indicated that the imputed values produced by NCES were acceptable.

Further information on the IPEDS Completions component may be obtained from

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## Fall (Institutional Characteristics)

This survey collects the basic information necessary to classify institutions, including control, level, and types of programs offered, as well as information on tuition, fees, and room and board charges. Beginning in 2000, the survey collected institutional pricing data from institutions with first-time, full-time, degree/certificate-seeking undergraduate students. Unduplicated full-year enrollment counts and instructional activity are now collected in the 12-Month Enrollment survey. Beginning in 2008–09, the student financial aid data collected include greater detail. The overall unweighted response rate was 100.0 percent for Title IV degree-granting institutions for 2009 data.

In the fall 2016 data collection, the response rate for Title IV entities on the Institutional Characteristics component rounded to 100 percent: Of the 6,834 Title IV entities that were expected to respond, only 1 response was missing.

The *Integrated Postsecondary Education Data System Data Quality Study* (NCES 2005-175) looked at tuition and price in Title IV institutions. Only 8 percent of institutions in 2002–03 and 2003–04 reported the same data to IPEDS and Thomson Peterson—a company providing information about institutions based on the institutions' voluntary data submissions—consistently across all selected data items. Differences in wordings or survey items may account for some of these inconsistencies.

Further information on the IPEDS Institutional Characteristics component may be obtained from

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## Winter (Student Financial Aid)

This component was part of the spring data collection from IPEDS data collection years 2000–01 to 2010–11, but it moved to the winter data collection starting with the 2011–12 IPEDS data collection year. This move assists with the timing of the net price of attendance calculations displayed on College Navigator (<https://nces.ed.gov/collegenavigator/>).

Financial aid data are collected for undergraduate students. Data are collected regarding federal grants, state and local government grants, institutional grants, and loans. The collected data include the number of students receiving each type of financial assistance and the average amount of aid received by type of aid. Beginning in 2008–09, student financial aid data collected includes greater detail on types of aid offered.

In the winter 2016–17 data collection, the Student Financial Aid component collected data about financial aid awarded to undergraduate students, with particular

emphasis on full-time, first-time degree/certificate-seeking under-graduate students awarded financial aid for the 2015–16 academic year. In addition, the component collected data on undergraduate and graduate students receiving benefits for veterans and members of the military service. Finally, student counts and awarded aid amounts were collected to calculate the net price of attendance for two subsets of full-time, first-time degree/certificate-seeking undergraduate students: those awarded any grant aid, and those awarded Title IV aid. The response rate for the Student Financial Aid component in 2016–17 rounded to 100 percent: Of the 6,682 Title IV institutions that were expected to respond, responses were missing for 10 institutions.

Further information on the IPEDS Student Financial Aid component may be obtained from

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## Winter (Graduation Rates and Graduation Rates 200 Percent)

In IPEDS data collection years 2012–13 and earlier, the Graduation Rates and Graduation Rates 200 Percent components were collected during the spring collection. In the IPEDS 2013–14 data collection year, however, the Graduation Rates and Graduation Rates 200 Percent collections were moved to the winter data collection.

The 2016–17 Graduation Rates component collected counts of full-time, first-time degree/certificate-seeking undergraduate students beginning their postsecondary education in the specified cohort year and their completion status as of 150 percent of normal program completion time at the same institution where the students started. If 150 percent of normal program completion time extended beyond August 31, 2016, the counts as of that date were collected. Four-year institutions used 2010 as the cohort year, while less-than-4-year institutions used 2013 as the cohort year. Of the 5,995 institutions that were expected to respond to the Graduation Rates component, responses were missing for 11 institutions, resulting in a response rate that rounded to 100 percent.

The 2016–17 Graduation Rates 200 Percent component was designed to combine information reported in a prior collection via the Graduation Rates component with current information about the same cohort of students. From previously collected data, the following counts were obtained: the number of students entering the institution as full-time, first-time degree/certificate-seeking students in a cohort year; the number of students in this cohort completing within 100 and 150 percent of normal program completion time; and the number of cohort exclusions (such as students who left for military service). Then the number of additional cohort exclusions and additional program completers between

151 and 200 percent of normal program completion time was collected. Four-year institutions reported on bachelor's or equivalent degree-seeking students and used cohort year 2008 as the reference period, while less-than-4-year institutions reported on all students in the cohort and used cohort year 2012 as the reference period. Of the 5,594 institutions that were expected to respond to the Graduation Rates 200 Percent component, responses were missing for 10 institutions, resulting in a response rate that rounded to 100 percent.

Further information on the IPEDS Graduation Rates and Graduation Rates 200 Percent components may be obtained from

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#### Winter (Admissions)

In the 2014–15 survey year, an Admissions component was added to the winter data collection. This component was created out of the admissions data that had previously been a part of the fall Institutional Characteristics component. Situating these data in a new component in the winter collection enables all institutions to report data for the most recent fall period.

The Admissions component collects information about the selection process for entering first-time degree/certificate-seeking undergraduate students. Data obtained from institutions include admissions considerations (e.g., secondary school records, admission test scores), the number of first-time degree/certificate-seeking undergraduate students who applied, the number admitted, and the number enrolled. Admissions data were collected only from institutions that do not have an open admissions policy for entering first-time students. Data collected for the IPEDS winter 2016–17 Admissions component relate to individuals applying to be admitted during the fall of the 2016–17 academic year (the fall 2016 reporting period). Of the 2,045 Title IV institutions that were expected to respond to the Admissions component, responses were missing for 2 institutions.

Further information on the IPEDS Admissions component may be obtained from

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#### Spring (Academic Libraries)

From 1966 to 1988, the Academic Libraries Survey was conducted on a 3-year cycle as part of HEGIS. From 1988 to 1998, the survey was a part of IPEDS and conducted on a 2-year cycle. It remained on a 2-year cycle from 2000 to 2012, but during that period it was conducted independently of IPEDS. In 2014, the survey was reincorporated into IPEDS as the Academic Libraries component, with data collection occurring annually.

The Academic Libraries component collects information from degree-granting institutions on library collections, expenditures, and services. Institutions answer a screening question in the IPEDS Institutional Characteristics component to determine whether they should also respond to the Academic Libraries component. The component consists of two sections, one for institutions reporting any library expenditures and one for institutions reporting total library expenditures greater than \$100,000. Of the 4,333 institutions that were expected to respond to the Academic Libraries component in the IPEDS spring 2017 data collection, all 4,333 provided data, resulting in a response rate of 100 percent.

Further information on the IPEDS Academic Libraries component may be obtained from

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#### Spring (Fall Enrollment)

This survey has been part of the HEGIS and IPEDS series since 1966. Response rates have been relatively high, generally exceeding 85 percent. Beginning in 2000, with web-based data collection, higher response rates were attained. In the spring 2017 data collection, the Fall Enrollment component covered fall 2016. Of the 6,742 institutions that were expected to respond, 6,734 provided data, for a response rate that rounded to 100 percent. Data collection procedures for the Fall Enrollment component of the spring 2017 data collection are presented in *Enrollment and Employees in Postsecondary Institutions, Fall 2016; and Financial Statistics and Academic Libraries, Fiscal Year 2016: First Look (Provisional Data)* (NCES 2018-002).

Beginning with the fall 1986 survey and the introduction of IPEDS (see above), the survey was redesigned. The survey allows (in alternating years) for the collection of age and residence data. Beginning in 2000, the survey collected instructional activity and unduplicated headcount data, which are needed to compute a standardized, full-time-equivalent (FTE) enrollment statistic for the entire academic year. As of 2007–08, the timeliness of the instructional activity data has been improved by collecting these data in the fall as part of the 12-Month Enrollment component instead of in the spring as part of the Fall Enrollment component.

The *Integrated Postsecondary Education Data System Data Quality Study* (NCES 2005-175) showed that public institutions made the majority of changes to enrollment data during the 2004 revision period. The majority of changes were made to unduplicated headcount data, with the net differences between the original data and the revised data being about 1 percent. Part-time students in general and enrollment in private not-for-profit institutions were often underestimated. The fewest changes by institutions were to Classification of Instructional Programs (CIP) code data. (The CIP is a taxonomic coding scheme that contains titles and descriptions of primarily postsecondary instructional programs.)

Further information on the IPEDS Fall Enrollment component may be obtained from

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#### Spring (Finance)

This survey was part of the HEGIS series and has been continued under IPEDS. Substantial changes were made in the financial survey instruments in fiscal year (FY) 1976, FY 1982, FY 1987, FY 1997, and FY 2002. While these changes were significant, a considerable effort has been made in this report to present only comparable information on trends and to note inconsistencies. The FY 1976 survey instrument contained numerous revisions to earlier survey forms, which made direct comparisons of line items very difficult. Beginning in FY 1982, Pell Grant data were collected in the categories of federal restricted grant and contract revenues and restricted scholarship and fellowship expenditures. The introduction of IPEDS in the FY 1987 survey included several important changes to the survey instrument and data processing procedures. Beginning in FY 1997, data for private institutions were collected using new financial concepts consistent with Financial Accounting Standards Board (FASB) reporting standards, which provide a more comprehensive view of college finance activities. The data for public institutions continued to be collected using the older survey form. The data for public and private institutions were no longer comparable and, as a result, no longer presented together in analysis tables. In FY 2001, public institutions had the option of either continuing to report using Government Accounting Standards Board (GASB) standards or using the new FASB reporting standards. Beginning in FY 2002, public institutions could use either the original GASB standards, the FASB standards, or the new GASB Statement 35 standards (GASB35).

Possible sources of nonsampling error in the financial statistics include nonresponse, imputation, and misclassification. The unweighted response rate has been about 85 to 90 percent for most of the years these data appeared in the *Digest of Education Statistics*; however, in more recent years, response

rates have been much higher because Title IV institutions are required to respond. Since 2002, the IPEDS data collection has been a full-scale web-based collection, which has improved the quality and timeliness of the data. For example, the ability of IPEDS to tailor online data entry forms for each institution based on characteristics such as institutional control, level of institution, and calendar system and the institutions' ability to submit their data online are aspects of full-scale web-based collections that have improved response.

The response rate for the FY 2016 Finance component was nearly 100 percent: Of the 6,825 institutions and administrative offices that were expected to respond, 6,816 provided data. Data collection procedures for the FY 2016 component are discussed in *Enrollment and Employees in Postsecondary Institutions, Fall 2016*; and *Financial Statistics and Academic Libraries, Fiscal Year 2016: First Look (Provisional Data)* (NCES 2018-002).

The *Integrated Postsecondary Education Data System Data Quality Study* (NCES 2005-175) found that only a small percentage (2.9 percent, or 168) of postsecondary institutions either revised 2002–03 data or submitted data for items they previously left unreported. Though relatively few institutions made changes, the changes made were relatively large—greater than 10 percent of the original data. With a few exceptions, these changes, large as they were, did not greatly affect the aggregate totals.

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#### Spring (Human Resources)

The Human Resources component was part of the IPEDS winter data collection from data collection years 2000–01 to 2011–12. For the 2012–13 data collection year, the Human Resources component was moved to the spring 2013 data collection, in order to give institutions more time to prepare their survey responses (the spring and winter collections begin on the same date, but the reporting deadline for the spring collection is several weeks later than the reporting deadline for the winter collection).

#### *IPEDS Collection Years 2012–13 and Later*

In 2012–13, new occupational categories replaced the primary function/occupational activity categories previously used in the IPEDS Human Resources component. This change was required in order to align the IPEDS Human Resources categories with the 2010 Standard Occupational Classification (SOC) system. In tandem with the change in 2012–13 from using primary function/occupational activity categories to using the new occupational categories, the

sections making up the IPEDS Human Resources component (which previously had been Employees by Assigned Position, Fall Staff, and Salaries) were changed to Full-Time Instructional Staff, Full-time Noninstructional Staff, Salaries, Part-Time Staff, and New Hires.

The webpage “Archived Changes—Changes to IPEDS Data Collections, 2012–13” (<https://nces.ed.gov/ipeds/InsidePages/ArchivedChanges?year=2012-13>) provides information on the redesigned IPEDS Human Resources component. “Resources for Implementing Changes to the IPEDS Human Resources (HR) Survey Component Due to Updated 2010 Standard Occupational Classification (SOC) System” ([https://nces.ed.gov/ipeds/Section/resources\\_soc](https://nces.ed.gov/ipeds/Section/resources_soc)) is a webpage containing additional information, including notes comparing the new classifications with the old (“Comparison of New IPEDS Occupational Categories with Previous Categories”), a crosswalk from the new IPEDS occupational categories to the 2010 SOC occupational categories (“New IPEDS Occupational Categories and 2010 SOC”), answers to frequently asked questions, and a link to current IPEDS Human Resources survey screens.

Of the 6,819 institutions and administrative offices that were expected to respond to the spring 2017 Human Resources component, 6,811 provided data, for a response rate that rounded to 100 percent. Data collection procedures for this component are presented in *Enrollment and Employees in Postsecondary Institutions, Fall 2016; and Financial Statistics and Academic Libraries, Fiscal Year 2016: First Look (Provisional Data)* (NCES 2018-002).

#### *IPEDS Collection Years Prior to 2012–13*

In collection years before 2001–02, IPEDS conducted a Fall Staff survey and a Salaries survey; in the 2001–02 collection year, the Employees by Assigned Position (EAP) survey was added to IPEDS. In the 2005–06 collection year, these three surveys became sections of the IPEDS “Human Resources” component.

Data gathered by the Employees by Assigned Position section categorized all employees by full- or part-time status, faculty status, and primary function/occupational activity. Institutions with M.D. or D.O. programs were required to report their medical school employees separately. A response to the EAP was required of all 6,858 Title IV institutions and administrative offices in the United States and other jurisdictions for winter 2008–09, and 6,845, or 99.8 percent unweighted, responded. Of the 6,970 Title IV institutions and administrative offices required to respond to the winter 2009–10 EAP, 6,964, or 99.9 percent, responded. And of the 7,256 Title IV institutions and administrative offices required to respond to the EAP for winter 2010–11, 7,252, or 99.9 percent, responded.

The main functions/occupational activities of the EAP section were primarily instruction, instruction combined with research and/or public service, primarily research, primarily public service, executive/administrative/managerial, other professionals (support/service), graduate assistants, technical and paraprofessionals, clerical and secretarial, skilled crafts, and service/maintenance.

All full-time instructional faculty classified in the EAP full-time non-medical school part as either (1) primarily

instruction or (2) instruction combined with research and/or public service were included in the Salaries section, unless they were exempt.

The Fall Staff section categorized all staff on the institution’s payroll as of November 1 of the collection year by employment status (full time or part time), primary function/occupational activity, gender, and race/ethnicity. These data elements were collected from degree-granting and non-degree-granting institutions; however, additional data elements were collected from degree-granting institutions and related administrative offices with 15 or more full-time staff. These elements include faculty status, contract length/teaching period, academic rank, salary class intervals, and newly hired full-time permanent staff.

The Fall Staff section, which was required only in odd-numbered reporting years, was not required during the 2008–09 Human Resources data collection. However, of the 6,858 Title IV institutions and administrative offices in the United States and other jurisdictions, 3,295, or 48.0 percent unweighted, did provide data in the Fall Staff section that year. During the 2009–10 Human Resources data collection, when all 6,970 Title IV institutions and administrative offices were required to respond to the Fall Staff section, 6,964, or 99.9 percent, did so. A response to the Fall Staff section of the 2010–11 Human Resources collection was optional, and 3,364 Title IV institutions and administrative offices responded that year (a response rate of 46.3 percent).

The *Integrated Postsecondary Education Data System Data Quality Study* (NCES 2005-175) found that for 2003–04 employee data items, changes were made by 1.2 percent (77) of the institutions that responded. For all institutions making changes, the changes resulted in different employee counts. For both institutional and aggregate differences, however, the changes had little impact on the original employee count submissions. A large number of institutions reported different staff data to IPEDS and Thomson Peterson; however, the magnitude of the differences was small—usually no more than 17 faculty members for any faculty variable.

The Salaries section collected data for full-time instructional faculty (except those in medical schools in the EAP section, described above) on the institution’s payroll as of November 1 of the collection year by contract length/teaching period, gender, and academic rank. The reporting of data by faculty status in the Salaries section was required from 4-year degree-granting institutions and above only. Salary outlays and fringe benefits were also collected for full-time instructional staff on 9/10- and 11/12-month contracts/teaching periods. This section was applicable to degree-granting institutions unless exempt.

Between 1966–67 and 1985–86, this survey differed from other HEGIS surveys in that imputations were not made for nonrespondents. Thus, there is some possibility that the salary averages presented in this report may differ from the results of a complete enumeration of all colleges and universities. Beginning with the surveys for 1987–88, the IPEDS data tabulation procedures included imputations for survey nonrespondents. The unweighted response rate for the 2008–09 Salaries survey section was 99.9 percent.

The response rate for the 2009–10 Salaries section was 100.0 percent (4,453 of the 4,455 required institutions responded), and the response rate for 2010–11 was 99.9 percent (4,561 of the 4,565 required institutions responded). Imputation methods for the 2010–11 Salaries survey section are discussed in *Employees in Postsecondary Institutions, Fall 2010, and Salaries of Full-Time Instructional Staff, 2010–11* (NCES 2012-276).

Although data from this survey are not subject to sampling error, sources of nonsampling error may include computational errors and misclassification in reporting and processing. The electronic reporting system does allow corrections to prior-year reported or missing data, and this should help alleviate these problems. Also, NCES reviews individual institutions' data for internal and longitudinal consistency and contacts institutions to check inconsistent data.

The *Integrated Postsecondary Education Data System Data Quality Study* (NCES 2005-175) found that only 1.3 percent of the responding Title IV institutions in 2003–04 made changes to their salaries data. The differences between the imputed data and the revised data were small and found to have little impact on the published data.

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## Library Statistics

In the past, NCES collected library data through the Public Libraries Survey (PLS), the State Library Agencies (StLA) Survey, the Academic Libraries Survey (ALS), and the Library Media Centers (LMC) Survey. On October 1, 2007, the administration of the Public Libraries Survey (PLS) and the State Library Agencies (StLA) Survey was transferred to the Institute of Museum and Library Services (IMLS) (see below).

NCES administered the Academic Libraries Survey (ALS) on a 3-year cycle between 1966 and 1988. From 1988 through 1999, ALS was a component of the Integrated Postsecondary Education Data System (IPEDS) and was on a 2-year cycle. Beginning in the year 2000, ALS began collecting data independent from the IPEDS data collection, but it remained on a 2-year cycle. ALS provided data on approximately 3,700 academic libraries. In aggregate, these data provided an overview of the status of academic libraries nationally and statewide. The survey collected data on the libraries in the entire universe of degree-granting institutions. Beginning with the collection of FY 2000 data, ALS changed to web-based data collection. ALS produced descriptive statistics on academic

libraries in postsecondary institutions in the 50 states, the District of Columbia, and the outlying areas. *Academic Libraries: 2012* (NCES 2014-038) presented tabulations for the 2012 survey. In 2014, ALS was reincorporated into the IPEDS collection. Since then, it has been collected annually, as the Academic Libraries component, in the IPEDS spring data collection.

School library data were collected on the School and Principal Surveys of the 1990–91 Schools and Staffing Survey (SASS). The School Library Media Centers (LMC) Survey became a component of SASS with the 1993–94 administration of the survey. Thus, readers should refer to the section on the Schools and Staffing Survey, below, regarding data on school libraries. Data for the 2011–12 LMC Survey are available on the NCES website at <https://nces.ed.gov/surveys/sass/index.asp>.

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<https://nces.ed.gov/surveys/libraries/>

## National Adult Literacy Survey

The National Adult Literacy Survey (NALS), funded by the U.S. Department of Education and 12 states, was created in 1992 as a new measure of literacy. The aim of the survey was to profile the English literacy of adults in the United States based on their performance across a wide array of tasks that reflect the types of materials and demands they encounter in their daily lives.

To gather information on adults' literacy skills, trained staff interviewed a nationally representative sample of nearly 13,600 individuals ages 16 and over during the first 8 months of 1992. These participants had been randomly selected to represent the adult population in the country as a whole. Black and Hispanic households were oversampled to ensure reliable estimates of literacy proficiencies and to permit analyses of the performance of these subpopulations. In addition, some 1,100 inmates from 80 federal and state prisons were interviewed to gather information on the proficiencies of the prison population. In total, nearly 26,000 adults were surveyed.

Each survey participant was asked to spend approximately an hour responding to a series of diverse literacy tasks, as well as to questions about his or her demographic characteristics, educational background, reading practices, and other areas related to literacy. Based on their responses to the survey tasks, adults received proficiency scores along three scales that reflect varying degrees of skill in prose, document, and quantitative literacy. The results of the 1992 survey were first published in *Adult Literacy in America: A First Look at the Findings of the National Adult Literacy Survey* (NCES 93-275), in September 1993. See the section

on the National Assessment of Adult Literacy (below) for information on later adult literacy surveys.

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### **National Assessment of Adult Literacy**

The 2003 National Assessment of Adult Literacy (NAAL) was conducted to measure both English literacy and health literacy. The assessment was administered to 19,000 adults (including 1,200 prison inmates) age 16 and over in all 50 states and the District of Columbia. Components of the assessment included a background questionnaire; a prison component that assesses the literacy skills of adults in federal and state prisons; the State Assessment of Adult Literacy (SAAL), a voluntary survey given in conjunction with NAAL; a health literacy component; the Fluency Addition to NAAL (FAN), an oral reading assessment; and the Adult Literacy Supplemental Assessment (ALSA). ALSA is an alternative to the main NAAL for those with very low scores on seven core screening questions. NAAL assesses literacy directly through the completion of tasks that covered quantitative literacy, document literacy, and prose literacy. Results were reported using the following achievement levels: *Below Basic*, *Basic*, *Intermediate*, and *Proficient*.

Results from NAAL and NALS can be compared. NALS offers a snapshot of the condition of literacy of the U.S. population as a whole and among key population subgroups in 1992. NAAL provides an updated picture of adult literacy skills in 2003, revealing changes in literacy over the intervening decade.

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### **National Assessment of Educational Progress**

The National Assessment of Educational Progress (NAEP) is a series of cross-sectional studies initially implemented in 1969 to assess the educational achievement of U.S. students and monitor changes in those achievements. In the main national NAEP, a nationally representative sample of students is assessed at grades 4, 8, and 12 in various academic subjects. The assessment is based on frameworks

developed by the National Assessment Governing Board (NAGB). It includes both multiple-choice items and constructed-response items (those requiring written answers). Results are reported in two ways: by average score and by achievement level. Average scores are reported for the nation, for participating states and jurisdictions, and for subgroups of the population. Percentages of students performing at or above three achievement levels (*Basic*, *Proficient*, and *Advanced*) are also reported for these groups.

#### **Main NAEP Assessments**

From 1990 until 2001, main NAEP was conducted for states and other jurisdictions that chose to participate. In 2002, under the provisions of the No Child Left Behind Act of 2001, all states began to participate in main NAEP, and an aggregate of all state samples replaced the separate national sample. (School district-level assessments—under the Trial Urban District Assessment [TUDA] program—also began in 2002.)

Results are available for the mathematics assessments administered in 2000, 2003, 2005, 2007, 2009, 2011, 2013, 2015, and 2017. In 2005, NAGB called for the development of a new mathematics framework. The revisions made to the mathematics framework for the 2005 assessment were intended to reflect recent curricular emphases and better assess the specific objectives for students at each grade level.

The revised mathematics framework focuses on two dimensions: mathematical content and cognitive demand. By considering these two dimensions for each item in the assessment, the framework ensures that NAEP assesses an appropriate balance of content, as well as a variety of ways of knowing and doing mathematics.

Since the 2005 changes to the mathematics framework were minimal for grades 4 and 8, comparisons over time can be made between assessments conducted before and after the framework's implementation for these grades. The changes that the 2005 framework made to the grade 12 assessment, however, were too drastic to allow grade 12 results from before and after implementation to be directly compared. These changes included adding more questions on algebra, data analysis, and probability to reflect changes in high school mathematics standards and coursework; merging the measurement and geometry content areas; and changing the reporting scale from 0–500 to 0–300. For more information regarding the 2005 mathematics framework revisions, see <https://nces.ed.gov/nationsreportcard/mathematics/frameworkcomparison.asp>.

Results are available for the reading assessments administered in 2000, 2002, 2003, 2005, 2007, 2009, 2011, 2013, 2015, and 2017. In 2009, a new framework was developed for the 4th-, 8th-, and 12th-grade NAEP reading assessments.

Both a content alignment study and a reading trend, or bridge, study were conducted to determine whether the new reading assessment was comparable to the prior assessment. Overall, the results of the special analyses suggested that the assessments were similar in terms of their item and scale characteristics and the results they produced for important

demographic groups of students. Thus, it was determined that the results of the 2009 reading assessment could still be compared to those from earlier assessment years, thereby maintaining the trend lines first established in 1992. For more information regarding the 2009 reading framework revisions, see <https://nces.ed.gov/nationsreportcard/reading/whatmeasure.asp>.

In spring 2013, NAEP released results from the NAEP 2012 economics assessment in *The Nation's Report Card: Economics 2012* (NCES 2013-453). First administered in 2006, the NAEP economics assessment measures 12th-graders' understanding of a wide range of topics in three main content areas: market economy, national economy, and international economy. The 2012 assessment is based on a nationally representative sample of nearly 11,000 students in the 12th grade.

In *The Nation's Report Card: A First Look—2013 Mathematics and Reading* (NCES 2014-451), NAEP released the results of the 2013 mathematics and reading assessments. Results can also be accessed using the interactive graphics and downloadable data available at the online Nation's Report Card website ([https://nationsreportcard.gov/reading\\_math\\_2013/](https://nationsreportcard.gov/reading_math_2013/)).

*The Nation's Report Card: A First Look—2013 Mathematics and Reading Trial Urban District Assessment* (NCES 2014-466) provides the results of the 2013 mathematics and reading TUDA, which measured the reading and mathematics progress of 4th- and 8th-graders from 21 urban school districts. Results from the 2013 mathematics and reading TUDA can also be accessed using the interactive graphics and downloadable data available at the online TUDA website ([https://nationsreportcard.gov/reading\\_math\\_tuda\\_2013/](https://nationsreportcard.gov/reading_math_tuda_2013/)).

The online interactive report *The Nation's Report Card: 2014 U.S. History, Geography, and Civics at Grade 8* (NCES 2015-112) provides grade 8 results for the 2014 NAEP U.S. history, geography, and civics assessments. Trend results for previous assessment years in these three subjects, as well as information on school and student participation rates and sample tasks and student responses, are also presented.

In 2014, the first administration of the NAEP Technology and Engineering Literacy (TEL) Assessment asked 8th-graders to respond to questions aimed at assessing their knowledge and skill in understanding technological principles, solving technology and engineering-related problems, and using technology to communicate and collaborate. The online report *The Nation's Report Card: Technology and Engineering Literacy* (NCES 2016-119) presents national results for 8th-graders on the TEL assessment.

*The Nation's Report Card: 2015 Mathematics and Reading Assessments* (NCES 2015-136) is an online interactive report that presents national and state results for 4th- and 8th-graders on the NAEP 2015 mathematics and reading assessments. The report also presents TUDA results in mathematics and reading for 4th- and 8th-graders. The online interactive report *The Nation's Report Card: 2015 Mathematics and Reading at Grade 12* (NCES 2016-018) presents grade 12 results from the NAEP 2015 mathematics and reading assessments.

Results from the 2015 NAEP science assessment are presented in the online report *The Nation's Report Card: 2015 Science at Grades 4, 8, and 12* (NCES 2016-162). The assessment measures the knowledge of 4th-, 8th-, and 12th-graders in the content areas of physical science, life science, and Earth and space sciences, as well as their understanding of four science practices (identifying science principles, using science principles, using scientific inquiry, and using technological design). National results are reported for grades 4, 8, and 12, and results from 46 participating states and one jurisdiction are reported for grades 4 and 8. Since a new NAEP science framework was introduced in 2009, results from the 2015 science assessment can be compared to results from the 2009 and 2011 science assessments, but cannot be compared to the science assessments conducted prior to 2009.

NAEP is in the process of transitioning from paper-based assessments to technology-based assessments; consequently, data are needed regarding students' access to and familiarity with technology, at home and at school. The Computer Access and Familiarity Study (CAFS) is designed to fulfill this need. CAFS was conducted as part of the main administration of the 2015 NAEP. A subset of the grade 4, 8, and 12 students who took the main NAEP were chosen to take the additional CAFS questionnaire. The main 2015 NAEP was administered in a paper-and-pencil format to some students and a digital-based format to others, and CAFS participants were given questionnaires in the same format as their NAEP questionnaires.

The online Highlights report *2017 NAEP Mathematics and Reading Assessments: Highlighted Results at Grades 4 and 8 for the Nation, States, and Districts* (NCES 2018-037) presents an overview of results from the NAEP 2017 mathematics and reading reports. Highlighted results include key findings for the nation, states/jurisdictions, and 27 districts that participated in the Trial Urban District Assessment (TUDA) in mathematics and reading at grades 4 and 8.

### NAEP Long-Term Trend Assessments

In addition to conducting the main assessments, NAEP also conducts the long-term trend assessments. Long-term trend assessments provide an opportunity to observe educational progress in reading and mathematics of 9-, 13-, and 17-year-olds since the early 1970s. The long-term trend reading assessment measures students' reading comprehension skills using an array of passages that vary by text types and length. The assessment was designed to measure students' ability to locate specific information in the text provided; make inferences across a passage to provide an explanation; and identify the main idea in the text.

The NAEP long-term trend assessment in mathematics measures knowledge of mathematical facts; ability to carry out computations using paper and pencil; knowledge of basic formulas, such as those applied in geometric settings; and ability to apply mathematics to skills of daily life, such as those involving time and money.

*The Nation's Report Card: Trends in Academic Progress 2012* (NCES 2013-456) provides the results of 12 long-term trend reading assessments dating back to 1971 and 11 long-term trend mathematics assessments dating back to 1973.

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### ***National Education Longitudinal Study of 1988***

The National Education Longitudinal Study of 1988 (NELS:88) was the third major secondary school student longitudinal study conducted by NCES. The two studies that preceded NELS:88—the National Longitudinal Study of the High School Class of 1972 (NLS:72) and the High School and Beyond Longitudinal Study (HS&B) in 1980—surveyed high school seniors (and sophomores in HS&B) through high school, postsecondary education, and work and family formation experiences. Unlike its predecessors, NELS:88 began with a cohort of 8th-grade students. In 1988, some 25,000 8th-graders, their parents, their teachers, and their school principals were surveyed. Follow-ups were conducted in 1990 and 1992, when a majority of these students were in the 10th and 12th grades, respectively, and then 2 years after their scheduled high school graduation, in 1994. A fourth follow-up was conducted in 2000.

NELS:88 was designed to provide trend data about critical transitions experienced by young people as they develop, attend school, and embark on their careers. It complements and strengthens state and local efforts by furnishing new information on how school policies, teacher practices, and family involvement affect student educational outcomes (i.e., academic achievement, persistence in school, and participation in postsecondary education). For the base year, NELS:88 included a multifaceted student questionnaire, four cognitive tests, a parent questionnaire, a teacher questionnaire, and a school questionnaire.

In 1990, when most of the students were in 10th grade, students, school dropouts, their teachers, and their school principals were surveyed. (Parents were not surveyed in the 1990 follow-up.) In 1992, when most of the students were in 12th grade, the second follow-up conducted surveys of students, dropouts, parents, teachers, and school principals. Also, information from the students' transcripts was collected. The 1994 survey data were collected when most sample members had completed high school. The primary goals of the 1994 survey were (1) to provide data for trend comparisons with NLS:72 and HS&B; (2) to address issues of employment and postsecondary access and choice; and (3) to ascertain how many dropouts had returned to school and by what route. The 2000 follow-up examined the educational and labor market outcomes of the 1988 cohort at a time of transition. Most had been out of high school for 8 years; many had completed their postsecondary educations, were embarking on first or even second careers, and were starting families. For those who had attended postsecondary

institutions after high school, student transcript data were collected from the institutions attended.

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### ***National Household Education Surveys Program***

The National Household Education Surveys Program (NHES) is a data collection system that is designed to address a wide range of education-related issues. Surveys have been conducted in 1991, 1993, 1995, 1996, 1999, 2001, 2003, 2005, 2007, 2012, and 2016. NHES targets specific populations for detailed data collection. It is intended to provide more detailed data on the topics and populations of interest than are collected through supplements to other household surveys.

The topics addressed by NHES:1991 were early childhood education and adult education. About 60,000 households were screened for NHES:1991. In the Early Childhood Education Survey, about 14,000 parents/guardians of 3- to 8-year-olds completed interviews about their children's early educational experiences. Included in this component were participation in nonparental care/education; care arrangements and school; and family, household, and child characteristics. In the NHES:1991 Adult Education Survey, about 9,800 people 16 years of age and over, identified as having participated in an adult education activity in the previous 12 months, were questioned about their activities. Data were collected on programs and up to four courses, including the subject matter, duration, sponsorship, purpose, and cost. Information on the household and the adult's background and current employment was also collected.

In NHES:1993, nearly 64,000 households were screened. Approximately 11,000 parents of 3- to 7-year-olds completed interviews for the School Readiness Survey. Topics included the developmental characteristics of preschoolers; school adjustment and teacher feedback to parents for kindergartners and primary students; center-based program participation; early school experiences; home activities with family members; and health status. In the School Safety and Discipline Survey, about 12,700 parents of children in grades 3 to 12 and about 6,500 youth in grades 6 to 12 were interviewed about their school experiences. Topics included the school learning environment, discipline policy, safety at school, victimization, the availability and use of alcohol/drugs, and alcohol/drug education. Peer norms for behavior in school and substance use were also included in this topical component. Extensive family and household background information was collected, as well as characteristics of the school attended by the child.

In NHES:1995, the Early Childhood Program Participation Survey and the Adult Education Survey were similar to

those fielded in 1991. In the Early Childhood component, about 14,000 parents of children from birth to 3rd grade were interviewed out of 16,000 sampled, for a completion rate of 90.4 percent. In the Adult Education Survey, about 24,000 adults were sampled and 82.3 percent (20,000) completed the interview.

NHES:1996 covered parent and family involvement in education and civic involvement. Data on homeschooling and school choice also were collected. The 1996 survey screened about 56,000 households. For the Parent and Family Involvement in Education Survey, nearly 21,000 parents of children in grades 3 to 12 were interviewed. For the Civic Involvement Survey, about 8,000 youth in grades 6 to 12, about 9,000 parents, and about 2,000 adults were interviewed. The 1996 survey also addressed public library use. Adults in almost 55,000 households were interviewed to support state-level estimates of household public library use.

NHES:1999 collected end-of-decade estimates of key indicators from the surveys conducted throughout the 1990s. Approximately 60,000 households were screened for a total of about 31,000 interviews with parents of children from birth through grade 12 (including about 6,900 infants, toddlers, and preschoolers) and adults age 16 or older not enrolled in grade 12 or below. Key indicators included participation of children in nonparental care and early childhood programs, school experiences, parent/family involvement in education at home and at school, youth community service activities, plans for future education, and adult participation in educational activities and community service.

NHES:2001 included two surveys that were largely repeats of similar surveys included in earlier NHES collections. The Early Childhood Program Participation Survey was similar in content to the Early Childhood Program Participation Survey fielded as part of NHES:1995, and the Adult Education and Lifelong Learning Survey was similar in content to the Adult Education Survey of NHES:1995. The Before- and After-School Programs and Activities Survey, while containing items fielded in earlier NHES collections, had a number of new items that collected information about what school-age children were doing during the time they spent in child care or in other activities, what parents were looking for in care arrangements and activities, and parent evaluations of care arrangements and activities. Parents of approximately 6,700 children from birth through age 6 who were not yet in kindergarten completed Early Childhood Program Participation Survey interviews. Nearly 10,900 adults completed Adult Education and Lifelong Learning Survey interviews, and parents of nearly 9,600 children in kindergarten through grade 8 completed Before- and After-School Programs and Activities Survey interviews.

NHES:2003 included two surveys: the Parent and Family Involvement in Education Survey and the Adult Education for Work-Related Reasons Survey (the first administration). Whereas previous adult education surveys were more general in scope, this survey had a narrower focus on occupation-related adult education programs. It collected in-depth information about training and education in which adults participated specifically for work-related reasons, either to

prepare for work or a career or to maintain or improve work-related skills and knowledge they already had. The Parent and Family Involvement Survey expanded on the first survey fielded on this topic in 1996. In 2003, screeners were completed with 32,050 households. About 12,700 of the 16,000 sampled adults completed the Adult Education for Work-Related Reasons Survey, for a weighted response rate of 76 percent. For the Parent and Family Involvement in Education Survey, interviews were completed by the parents of about 12,400 of the 14,900 sampled children in kindergarten through grade 12, yielding a weighted unit response rate of 83 percent.

NHES:2005 included surveys that covered adult education, early childhood program participation, and after-school programs and activities. Data were collected from about 8,900 adults for the Adult Education Survey, from parents of about 7,200 children for the Early Childhood Program Participation Survey, and from parents of nearly 11,700 children for the After-School Programs and Activities Survey. These surveys were substantially similar to the surveys conducted in 2001, with the exceptions that the Adult Education Survey addressed a new topic—informal learning activities for personal interest—and the Early Childhood Program Participation Survey and After-School Programs and Activities Survey did not collect information about before-school care for school-age children.

NHES:2007 fielded the Parent and Family Involvement in Education Survey and the School Readiness Survey. These surveys were similar in design and content to surveys included in the 2003 and 1993 collections, respectively. New features added to the Parent and Family Involvement Survey were questions about supplemental education services provided by schools and school districts (including use of and satisfaction with such services), as well as questions that would efficiently identify the school attended by the sampled students. New features added to the School Readiness Survey were questions that collected details about TV programs watched by the sampled children. For the Parent and Family Involvement Survey, interviews were completed with parents of 10,680 sampled children in kindergarten through grade 12, including 10,370 students enrolled in public or private schools and 310 homeschooled children. For the School Readiness Survey, interviews were completed with parents of 2,630 sampled children ages 3 to 6 and not yet in kindergarten. Parents who were interviewed about children in kindergarten through 2nd grade for the Parent and Family Involvement Survey were also asked some questions about these children's school readiness.

The 2007 and earlier administrations of NHES used a random-digit-dial sample of landline phones and computer-assisted telephone interviewing to conduct interviews. However, due to declining response rates for all telephone surveys and the increase in households that only or mostly use a cell phone instead of a landline, the data collection method was changed to an address-based sample survey for NHES:2012. Because of this change in survey mode, readers should use caution when comparing NHES:2012 estimates to those of prior NHES administrations.

NHES:2012 included the Parent and Family Involvement in Education Survey and the Early Childhood Program Participation Survey. The Parent and Family Involvement in Education Survey gathered data on students age 20 or younger who were enrolled in kindergarten through grade 12 or who were homeschooled at equivalent grade levels. Survey questions that pertained to students enrolled in kindergarten through grade 12 requested information on various aspects of parent involvement in education (such as help with homework, family activities, and parent involvement at school) and survey questions pertaining to homeschooled students requested information on the student's homeschooling experiences, the sources of the curriculum, and the reasons for homeschooling.

The 2012 Parent and Family Involvement in Education Survey questionnaires were completed for 17,563 (397 homeschooled and 17,166 enrolled) children, for a weighted unit response rate of 78.4 percent. The overall estimated unit response rate (the product of the screener unit response rate of 73.8 percent and the Parent and Family Involvement in Education Survey unit response rate) was 57.8 percent.

The 2012 Early Childhood Program Participation Survey collected data on the early care and education arrangements and early learning of children from birth through the age of 5 who were not yet enrolled in kindergarten. Questionnaires were completed for 7,893 children, for a weighted unit response rate of 78.7 percent. The overall estimated weighted unit response rate (the product of the screener weighted unit response rate of 73.8 percent and the Early Childhood Program Participation Survey unit weighted response rate) was 58.1 percent.

NHES:2016 used a nationally representative address-based sample covering the 50 states and the District of Columbia. The 2016 administration of NHES included a screener survey and three topical surveys: The Parent and Family Involvement in Education Survey, the Early Childhood Program Participation Survey, and the Adult Training and Education Survey. The screener survey questionnaire identified households with children or youth under age 20 and adults ages 16 to 65. A total of 206,000 households were selected based on this screener, and the screener response rate was 66.4 percent. All sampled households received initial contact by mail. Although the majority of respondents completed paper questionnaires, a small sample of cases was part of a web experiment with mailed invitations to complete the survey online.

The 2016 Parent and Family Involvement in Education Survey, like its predecessor in 2012, gathered data about students age 20 or under who were enrolled in kindergarten through grade 12 or who were being homeschooled for the equivalent grades. The 2016 survey's questions also covered aspects of parental involvement in education similar to those in the 2012 survey. The total number of completed questionnaires in the 2016 survey was 14,075 (13,523 enrolled and 552 homeschooled children), representing a population of 53.2 million students either homeschooled or enrolled in a public or private school in 2015–16. The survey's weighted unit response rate was 74.3 percent, and the overall response rate was 49.3 percent.

The 2016 Early Childhood Program Participation Survey collected data about children from birth through age 6 who were not yet enrolled in kindergarten. The survey asked about

children's participation in relative care, nonrelative care, and center-based care arrangements. It also requested information such as the main reason for choosing care, factors that were important to parents when choosing a care arrangement, the primary barriers to finding satisfactory care, activities the family does with the child, and what the child is learning. Questionnaires were completed for 5,844 children, representing a population of 21.4 million children from birth through age 6 who were not yet enrolled in kindergarten. The survey's weighted unit response rate was 73.4 percent, and the overall estimated weighted unit response rate was 48.7 percent.

The third topical survey of NHES:2016 was a new NHES survey, the Adult Training and Education Survey. The survey collected information from noninstitutionalized adults ages 16 to 65 not enrolled in high school—it also collected information from adults living at residential addresses associated with educational institutions such as colleges (thus, it collected information from enrolled college students). One of the main goals of the Adult Training and Education Survey is to capture the prevalence of nondegree credentials, including estimates of adults with occupational certifications or licenses, as well as to capture the prevalence of postsecondary educational certificates. A further goal is to learn more about work experience programs. The survey's data, when weighted, were nationally representative of noninstitutionalized adults ages 16 to 65, not enrolled in grades 12 or below. The total number of completed questionnaires was 47,744, representing a population of 196.3 million. The survey had a weighted response rate of 73.1 percent and an overall response rate of 48.5 percent.

Data for the three topical surveys in the 2016 administration of NHES are available in *Parent and Family Involvement in Education: Results From the National Household Education Surveys Program of 2016* (NCES 2017-102); *Early Childhood Program Participation, Results From the National Household Education Surveys Program of 2016* (NCES 2017-101); and *Adult Training and Education: Results From the National Household Education Surveys Program of 2016* (NCES 2017-103rev). In addition, public-use data for the three 2016 surveys are available at <https://nces.ed.gov/nhes/dataproducts.asp>.

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### ***National Longitudinal Study of the High School Class of 1972***

The National Longitudinal Study of the High School Class of 1972 (NLS:72) began with the collection of base-year survey data from a sample of about 19,000 high school seniors in the spring of 1972. In each of the years 1973, 1974, 1976, 1979, and 1986, a follow-up survey of these students was conducted. NLS:72 was designed to provide the

education community with information on the transitions of young adults from high school through postsecondary education and the workplace.

In addition to the follow-ups, a number of supplemental data collection efforts were made. For example, a Postsecondary Education Transcript Study (PETS) was conducted in 1984; in 1986, the fifth follow-up included a supplement for those who became teachers.

The sample design for NLS:72 was a stratified, two-stage probability sample of 12th-grade students from all schools, public and private, in the 50 states and the District of Columbia during the 1971–72 school year. During the first stage of sampling, about 1,070 schools were selected for participation in the base-year survey. As many as 18 students were selected at random from each of the sample schools. The sizes of both the school and student samples were increased during the first follow-up survey. Beginning with the first follow-up and continuing through the fourth follow-up, about 1,300 schools participated in the survey and slightly fewer than 23,500 students were sampled. The unweighted response rates for each of the different rounds of data collection were 80 percent or higher.

Sample retention rates across the survey years were quite high. For example, of the individuals responding to the base-year questionnaire, the percentages who responded to the first, second, third, and fourth follow-up questionnaires were about 94, 93, 89, and 83 percent, respectively. The fifth follow-up took its sample from students who had participated in at least one of the prior surveys. In all, 91.7 percent of participants had responded to at least five of the six surveys, and 62.1 percent had responded to all six.

Further information on NLS:72 may be obtained from

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### ***National Postsecondary Student Aid Study***

The National Postsecondary Student Aid Study (NPSAS) is a comprehensive nationwide study of how students and their families pay for postsecondary education. Data gathered from the study are used to help guide future federal student financial aid policy. The study covers nationally representative samples of undergraduates, graduates, and first-professional students in the 50 states, the District of Columbia, and Puerto Rico, including students attending less-than-2-year institutions, community colleges, and 4-year colleges and universities. Participants include students who do not receive aid and those who do receive financial aid. Since NPSAS identifies nationally representative samples of student subpopulations of interest to policymakers and obtains baseline data for longitudinal study of these subpopulations, data from the study provide the

base-year sample for the Beginning Postsecondary Students (BPS) longitudinal study and the Baccalaureate and Beyond (B&B) longitudinal study.

Originally, NPSAS was conducted every 3 years. Beginning with the 1999–2000 study (NPSAS:2000), NPSAS has been conducted every 4 years. NPSAS:08 included a new set of instrument items to obtain baseline measures of the awareness of two new federal grants introduced in 2006: the Academic Competitiveness Grant (ACG) and the National Science and Mathematics Access to Retain Talent (SMART) grant.

The first NPSAS (NPSAS:87) was conducted during the 1986–87 school year. Data were gathered from about 1,100 colleges, universities, and other postsecondary institutions; 60,000 students; and 14,000 parents. These data provided information on the cost of postsecondary education, the distribution of financial aid, and the characteristics of both aided and nonaided students and their families.

For NPSAS:93, information on 77,000 undergraduates and graduate students enrolled during the school year was collected at 1,000 postsecondary institutions. The sample included students who were enrolled at any time between July 1, 1992, and June 30, 1993. About 66,000 students and a subsample of their parents were interviewed by telephone. NPSAS:96 contained information on more than 48,000 undergraduate and graduate students from about 1,000 postsecondary institutions who were enrolled at any time during the 1995–96 school year. NPSAS:2000 included nearly 62,000 students (50,000 undergraduates and almost 12,000 graduate students) from 1,000 postsecondary institutions. NPSAS:04 collected data on about 80,000 undergraduates and 11,000 graduate students from 1,400 postsecondary institutions. For NPSAS:08, about 114,000 undergraduate students and 14,000 graduate students who were enrolled in postsecondary education during the 2007–08 school year were selected from more than 1,730 postsecondary institutions.

NPSAS:12 sampled about 95,000 undergraduates and 16,000 graduate students from approximately 1,500 postsecondary institutions. Public access to the data is available online through PowerStats (<https://nces.ed.gov/datalab/>).

NPSAS:16 sampled about 89,000 undergraduate and 24,000 graduate students attending approximately 1,800 Title IV eligible postsecondary institutions in the 50 states, the District of Columbia, and Puerto Rico. The sample represents approximately 20 million undergraduate and 4 million graduate students enrolled in postsecondary education at Title IV eligible institutions at any time between July 1, 2015, and June 30, 2016.

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## ***National Study of Postsecondary Faculty***

The National Study of Postsecondary Faculty (NSOPF) was designed to provide data about faculty to postsecondary researchers, planners, and policymakers. NSOPF is the most comprehensive study of faculty in postsecondary education institutions ever undertaken.

The first cycle of NSOPF (NSOPF:88) was conducted by NCES with support from the National Endowment for the Humanities (NEH) in 1987–88 with a sample of 480 colleges and universities, over 3,000 department chairpersons, and over 11,000 instructional faculty. The second cycle of NSOPF (NSOPF:93) was conducted by NCES with support from NEH and the National Science Foundation in 1992–93. NSOPF:93 was limited to surveys of institutions and faculty, but with a substantially expanded sample of 970 colleges and universities and 31,350 faculty and instructional staff. The third cycle, NSOPF:99, included 960 degree-granting postsecondary institutions and approximately 18,000 faculty and instructional staff. The fourth cycle of NSOPF was conducted in 2003–04 and included 1,080 degree-granting postsecondary institutions and approximately 26,000 faculty and instructional staff.

There are no plans to repeat the study. Rather, NCES plans to provide technical assistance to state postsecondary data systems and to encourage the development of robust connections between faculty and student data systems so that key questions concerning faculty, instruction, and student outcomes—such as persistence and completion—can be addressed.

Further information on NSOPF may be obtained from

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## ***National Teacher and Principal Survey (NTPS)***

The National Teacher and Principal Survey is a set of related questionnaires that collect descriptive data on the context of elementary and secondary education. Data reported by schools, principals, and teachers provide a variety of statistics on the condition of education in the United States that may be used by policymakers and the general public. The NTPS system covers a wide range of topics, including teacher demand, teacher and principal characteristics, teachers’ and principals’ perceptions of school climate and problems in their schools, teacher and principal compensation, district hiring and retention practices, general conditions in schools, and basic characteristics of the student population.

The NTPS was first conducted during the 2015–16 school year. The survey is a redesign of the Schools and Staffing Survey (SASS), which was conducted from the 1987–88 school year to the 2011–12 school year. Although the NTPS

maintains the SASS survey’s focus on schools, teachers, and administrators, the NTPS has a different structure and sample than SASS. In addition, whereas SASS operated on a 4-year survey cycle, the NTPS operates on a 2-year survey cycle.

The school sample for the 2015–16 NTPS was based on an adjusted public school universe file from the 2013–14 Common Core of Data (CCD), a database of all the nation’s public school districts and public schools. The NTPS definition of a school is the same as the SASS definition of a school—an institution or part of an institution that provides classroom instruction to students, has one or more teachers to provide instruction, serves students in one or more of grades 1–12 or the ungraded equivalent, and is located in one or more buildings apart from a private home.

The 2015–16 NTPS universe of schools is confined to the 50 states plus the District of Columbia. It excludes the Department of Defense dependents schools overseas, schools in U.S. territories overseas, and CCD schools that do not offer teacher-provided classroom instruction in grades 1–12 or the ungraded equivalent. Bureau of Indian Education schools are included in the NTPS universe, but these schools were not oversampled and the data do not support separate BIE estimates.

The NTPS includes three key components: school questionnaires, principal questionnaires, and teacher questionnaires. NTPS data are collected by the U.S. Census Bureau through mail and online questionnaires with telephone and in-person field follow-up. The school and principal questionnaires were sent to sampled schools, and the teacher questionnaire was sent to a sample of teachers working at sampled schools. The NTPS school sample consisted of about 8,300 public schools; the principal sample consisted of about 8,300 public school principals; and the teacher sample consisted of about 50,000 public school teachers.

The school questionnaire asks knowledgeable school staff members about grades offered, student attendance and enrollment, staffing patterns, teaching vacancies, programs and services offered, curriculum, and community service requirements. In addition, basic information is collected about the school year, including the beginning time of students’ school days and the length of the school year. The weighted unit response rate for the 2015–16 school survey was 72.5 percent.

The principal questionnaire collects information about principal/school head demographic characteristics, training, experience, salary, goals for the school, and judgments about school working conditions and climate. Information is also obtained on professional development opportunities for teachers and principals, teacher performance, barriers to dismissal of underperforming teachers, school climate and safety, parent/guardian participation in school events, and attitudes about educational goals and school governance. The weighted unit response rate for the 2015–16 principal survey was 71.8 percent.

The teacher questionnaire collects data from teachers about their current teaching assignment, workload, education history, and perceptions and attitudes about teaching. Questions are also asked about teacher preparation, induction,

organization of classes, computers, and professional development. The weighted response rate for the 2015–16 teacher survey was 67.8 percent.

Further information about the NTPS is available in *User's Manual for the 2015–16 National Teacher and Principal Survey, Volumes 1–4* (NCES 2017-131 through NCES 2017-134).

For additional information about the NTPS program, please contact

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### **Principal Follow-up Survey**

The Principal Follow-up Survey (PFS) is a component of the 2011–12 Schools and Staffing Survey (SASS). The 2012–13 PFS was administered in order to provide attrition rates for principals in K–12 public and private schools. The goal was to assess how many of those who worked as a principal in the 2011–12 school year still worked as a principal in the same school in the 2012–13 school year, how many had moved to become a principal in another school, and how many no longer worked as a principal. The PFS sample included all schools whose principals had completed SASS principal questionnaires. Schools that had returned a completed 2011–12 SASS principal questionnaire were mailed the PFS form in March 2013.

Further information on the PFS may be obtained from

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### **Private School Universe Survey**

The purposes of the Private School Universe Survey (PSS) data collection activities are (1) to build an accurate and complete list of private schools to serve as a sampling frame for NCES sample surveys of private schools and (2) to report data on the total number of private schools, teachers, and students in the survey universe. Begun in 1989, the PSS has been conducted every 2 years, and data for the 1989–90, 1991–92, 1993–94, 1995–96, 1997–98, 1999–2000, 2001–02, 2003–04, 2005–06, 2007–08, 2009–10, 2011–12, 2013–14, and 2015–16 school years have been released. The *First Look* report *Characteristics of Private Schools in the United States: Results From the 2015–16 Private School*

*Universe Survey* (NCES 2017-073) presents selected findings from the 2015–16 PSS.

The PSS produces data similar to that of the Common Core of Data for public schools, and can be used for public-private comparisons. The data are useful for a variety of policy- and research-relevant issues, such as the growth of religiously affiliated schools, the number of private high school graduates, the length of the school year for various private schools, and the number of private school students and teachers.

The target population for this universe survey is all private schools in the United States that meet the PSS criteria of a private school (i.e., the private school is an institution that provides instruction for any of grades K through 12, has one or more teachers to give instruction, is not administered by a public agency, and is not operated in a private home).

The survey universe is composed of schools identified from a variety of sources. The main source is a list frame initially developed for the 1989–90 PSS. The list is updated regularly by matching it with lists provided by nationwide private school associations, state departments of education, and other national guides and sources that list private schools. The other source is an area frame search in approximately 124 geographic areas, conducted by the U.S. Census Bureau.

Of the 40,302 schools included in the 2009–10 sample, 10,229 were found ineligible for the survey. Those not responding numbered 1,856, and those responding numbered 28,217. The unweighted response rate for the 2009–10 PSS survey was 93.8 percent.

Of the 39,325 schools included in the 2011–12 sample, 10,030 cases were considered as out-of-scope (not eligible for the PSS). A total of 26,983 private schools completed a PSS interview (15.8 percent completed online), while 2,312 schools refused to participate, resulting in an unweighted response rate of 92.1 percent.

There were 40,298 schools in the 2013–14 sample; of these, 10,659 were considered as out-of-scope (not eligible for the PSS). A total of 24,566 private schools completed a PSS interview (34.1 percent completed online), while 5,073 schools refused to participate, resulting in an unweighted response rate of 82.9 percent.

The 2015–16 PSS included 42,389 schools, of which 12,754 were considered as out-of-scope (not eligible for the PSS). A total of 22,428 private schools completed a PSS interview and 7,207 schools failed to respond, which resulted in an unweighted response rate of 75.7 percent.

Further information on the PSS may be obtained from

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## Projections of Education Statistics

Since 1964, NCES has published projections of key statistics for elementary and secondary schools and higher education institutions. The latest report is *Projections of Education Statistics to 2026* (NCES 2018-019). The *Projections of Education Statistics* series uses projection models for elementary and secondary enrollment, high school graduates, elementary and secondary teachers, expenditures for public elementary and secondary education, enrollment in postsecondary degree-granting institutions, and postsecondary degrees conferred to develop national and state projections. These models are described more fully in the report's appendix on projection methodology.

Differences between the reported and projected values are, of course, almost inevitable. An evaluation of past projections revealed that, at the elementary and secondary level, projections of public school enrollments have been quite accurate: mean absolute percentage differences for enrollment in public schools ranged from 0.3 to 1.2 percent for projections from 1 to 5 years in the future, while those for teachers in public schools were 3.1 percent or less. At the higher education level, projections of enrollment have been fairly accurate: mean absolute percentage differences were 5.9 percent or less for projections from 1 to 5 years into the future.

Further information on *Projections of Education Statistics* may be obtained from

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## Recent College Graduates Study

Between 1976 and 1991, NCES conducted periodic surveys of baccalaureate and master's degree recipients 1 year after graduation with the Recent College Graduates (RCG) Study. The RCG Study—which was replaced by the Baccalaureate and Beyond Longitudinal Study (B&B) in 1993 (see listing above)—concentrated on those graduates entering the teaching profession. The study linked respondents' major field of study with outcomes such as whether the respondent entered the labor force or was seeking additional education. Labor force data collected included employment status (unemployed, employed part time, or employed full time), occupation, salary, career potential, relation to major field of study, and need for a college degree. To obtain accurate results on teachers, NCES oversampled graduates with a major in education. The last two studies oversampled education majors and increased the sampling of graduates with majors in other fields.

For each of the selected institutions, a list of graduates by major field of study was obtained, and a sample of graduates was drawn by major field of study. Graduates in certain major fields of study (e.g., education, mathematics, and physical sciences) were sampled at higher rates than were

graduates in other fields. Roughly 1 year after graduation, the sample of graduates was located, contacted by mail or telephone, and asked to respond to the questionnaire.

The locating process was more detailed than that in most surveys. Nonresponse rates were directly related to the time, effort, and resources used in locating graduates, rather than to graduates' refusals to participate. Despite the difficulties in locating graduates, RCG response rates are comparable to studies that do not face problems locating their sample membership.

The 1976 study of 1974–75 college graduates was the first, and smallest, of the series. The sample consisted of about 210 institutions, of which 200 (96 percent) responded. Of the approximately 5,850 graduates in the sample, 4,350 responded, for a response rate of 79 percent.

The 1981 study was somewhat larger than the 1976 study, covering about 300 institutions and 15,850 graduates. Responses were obtained from 280 institutions, for an institutional response rate of 95 percent, and from 9,310 graduates (about 720 others were found not to meet eligibility requirements), for a response rate of 74 percent.

The 1985 study sampled about 400 colleges and 18,740 graduates, of whom 17,850 were found to be eligible. Responses were obtained from 13,200 graduates, for a response rate of 78 percent. The response rate for colleges was 98 percent. The 1987 study sampled 21,960 graduates. Responses were received from 16,880, for a response rate of nearly 80 percent.

The 1991 study sampled about 18,140 graduates of 400 bachelor's and master's degree-granting institutions, including 16,170 bachelor's degree recipients and 1,960 master's degree recipients receiving diplomas between July 1, 1989, and June 30, 1990. Random samples of graduates were selected from lists stratified by field of study. Graduates in education, mathematics, and the physical sciences were sampled at a higher rate, as were graduates of various racial/ethnic groups, to provide a sufficient number of these graduates for analysis purposes. The graduates included in the sample were selected in proportion to the institution's number of graduates. The unweighted institutional response rate was 95 percent, and the unweighted graduate response rate was 83 percent.

Further information on the RCG Study may be obtained from

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## School Survey on Crime and Safety (SSOCS)

The School Survey on Crime and Safety (SSOCS) is the only recurring federal survey that collects detailed information on the incidence, frequency, seriousness, and nature of violence affecting students and school personnel, as well as other indicators of school safety from the schools' perspective.

SSOCS is conducted by the National Center for Education Statistics (NCES) within the U.S. Department of Education and collected by the U.S. Census Bureau. Data from this collection can be used to examine the relationship between school characteristics and violent and serious violent crimes in primary, middle, high, and combined schools. In addition, data from SSOCS can be used to assess what crime prevention programs, practices, and policies are used by schools. SSOCS has been conducted in school years 1999–2000, 2003–04, 2005–06, 2007–08, 2009–10, and 2015–16.

The sampling frame for SSOCS:2016 was constructed from the 2013–14 Public Elementary/Secondary School Universe data file of the Common Core of Data (CCD), an annual collection of data on all public K–12 schools and school districts. The SSOCS sampling frame was restricted to regular public schools (including charter schools) in the United States and the District of Columbia. Other types of schools from the CCD Public Elementary/Secondary School Universe file were excluded from the SSOCS sampling frame. For instance, schools in Puerto Rico, American Samoa, the Commonwealth of the Northern Mariana Islands, Guam, and the U.S. Virgin Islands, as well as Department of Defense dependents schools and Bureau of Indian Education schools, were excluded. Also excluded were special education, alternative, vocational, virtual, newly closed, ungraded, and home schools, and schools with the highest grade of kindergarten or lower.

The SSOCS:2016 universe totaled 83,600 schools. From this total, 3,553 schools were selected for participation in the survey. The sample was stratified by instructional level, type of locale (urbanicity), and enrollment size. The sample of schools in each instructional level was allocated to each of the 16 cells formed by the cross-classification of the four categories of enrollment size and four types of locale. The target number of responding schools allocated to each of the 16 cells was proportional to the sum of the square roots of the total student enrollment over all schools in the cell. The target respondent count within each stratum was then inflated to account for anticipated nonresponse; this inflated count was the sample size for the stratum.

Data collection began in February 2016 and ended in early July 2016. Questionnaire packets were mailed to the principals of the sampled schools, who were asked to complete the survey or have it completed by the person at the school who is most knowledgeable about school crime and policies for providing a safe school environment. A total of 2,092 public schools submitted usable questionnaires, resulting in an overall weighted unit response rate of 62.9 percent.

Further information about SSOCS may be obtained from

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## *Schools and Staffing Survey*

The Schools and Staffing Survey (SASS) is a set of related questionnaires that collect descriptive data on the context of public and private elementary and secondary education. Data reported by districts, schools, principals, and teachers provide a variety of statistics on the condition of education in the United States that may be used by policy-makers and the general public. The SASS system covers a wide range of topics, including teacher demand, teacher and principal characteristics, teachers' and principals' perceptions of school climate and problems in their schools, teacher and principal compensation, district hiring and retention practices, general conditions in schools, and basic characteristics of the student population.

SASS data are collected through a mail questionnaire with telephone and in-person field follow-up. SASS has been conducted by the Census Bureau for NCES since the first administration of the survey, which was conducted during the 1987–88 school year. Subsequent SASS administrations were conducted in 1990–91, 1993–94, 1999–2000, 2003–04, 2007–08, and 2011–12.

SASS is designed to produce national, regional, and state estimates for public elementary and secondary schools, school districts, principals, teachers, and school library media centers and national and regional estimates for public charter schools, as well as principals, teachers, and school library media centers within these schools. For private schools, the sample supports national, regional, and affiliation estimates for schools, principals, and teachers.

From its inception, SASS has had four core components: school questionnaires, teacher questionnaires, principal questionnaires, and school district (prior to 1999–2000, “teacher demand and shortage”) questionnaires. A fifth component, school library media center questionnaires, was introduced in the 1993–94 administration and has been included in every subsequent administration of SASS. School library data were also collected in the 1990–91 administration of the survey through the school and principal questionnaires.

School questionnaires used in SASS include the Public and Private School Questionnaires; teacher questionnaires include the Public and Private School Teacher Questionnaires; principal questionnaires include the Public and Private School Principal (or School Administrator) Questionnaires; and school district questionnaires include the School District (or Teacher Demand and Shortage) Questionnaires.

Although the four core questionnaires and the school library media questionnaires have remained relatively stable over the various administrations of SASS, the survey has changed to accommodate emerging issues in elementary and secondary education. Some questionnaire items have been added, some have been deleted, and some have been reworded.

During the 1990–91 SASS cycle, NCES worked with the Office of Indian Education to add an Indian School Questionnaire to SASS, and it remained a part of SASS through 2007–08. The Indian School Questionnaire explores the same school-level issues that the Public and Private School

Questionnaires explore, allowing comparisons among the three types of schools. The 1990–91, 1993–94, 1999–2000, 2003–04, and 2007–08 administrations of SASS obtained data on Bureau of Indian Education (BIE) schools (schools funded or operated by the BIE), but the 2011–12 administration did not obtain BIE data. SASS estimates for all survey years presented in this report exclude BIE schools, and as a result, estimates in this report may differ from those in previously published reports.

School library media center questionnaires were administered in public, private, and BIE schools as part of the 1993–94 and 1999–2000 SASS. During the 2003–04 administration of SASS, only library media centers in public schools were surveyed, and in 2007–08 only library media centers in public schools and BIE and BIE-funded schools were surveyed. The 2011–12 survey collected data only on school library media centers in traditional public schools and in public charter schools. School library questions focused on facilities, services and policies, staffing, technology, information literacy, collections and expenditures, and media equipment. New or revised topics included access to online licensed databases, resource availability, and additional elements on information literacy. The Student Records and Library Media Specialist/Librarian Questionnaires were administered only in 1993–94.

As part of the 1999–2000 SASS, the Charter School Questionnaire was sent to the universe of charter schools in operation in 1998–99. In 2003–04 and in subsequent administrations of SASS, there was no separate questionnaire for charter schools—charter schools were included in the public school sample instead. Another change in the 2003–04 administration of SASS was a revised data collection procedure using a primary in-person contact within the school intended to reduce the field follow-up phase.

The SASS teacher surveys collect information on the characteristics of teachers, such as their age, race/ethnicity, years of teaching experience, average number of hours per week spent on teaching activities, base salary, average class size, and highest degree earned. These teacher-reported data may be combined with related information on their school's characteristics, such as school type (e.g., public traditional, public charter, Catholic, private other religious, and private nonsectarian), community type, and school enrollment size. The teacher questionnaires also ask for information on teacher opinions regarding the school and teaching environment. In 1993–94, about 53,000 public school teachers and 10,400 private school teachers were sampled. In 1999–2000, about 56,300 public school teachers, 4,400 public charter school teachers, and 10,800 private school teachers were sampled. In 2003–04, about 52,500 public school teachers and 10,000 private school teachers were sampled. In 2007–08, about 48,400 public school teachers and 8,200 private school teachers were sampled. In 2011–12, about 51,100 public school teachers and 7,100 private school teachers were sampled. Weighted overall response rates in 2011–12 were 61.8 percent for public school teachers and 50.1 percent for private school teachers.

The SASS principal surveys focus on such topics as age, race/ethnicity, sex, average annual salary, years of experience, highest degree attained, perceived influence on decisions made at the school, and hours spent per week on all school activities. These data on principals can be placed in the context of other SASS data, such as the type of the principal's school (e.g., public traditional, public charter, Catholic, other religious, or nonsectarian), enrollment, and percentage of students eligible for free or reduced price lunch. In 2003–04, about 10,200 public school principals were sampled, and in 2007–08, about 9,800 public school principals were sampled. In 2011–12, about 11,000 public school principals and 3,000 private school principals were sampled. Weighted response rates in 2011–12 for public school principals and private school principals were 72.7 percent and 64.7 percent, respectively.

The SASS 2011–12 sample of schools was confined to the 50 states and the District of Columbia and excludes the other jurisdictions, the Department of Defense overseas schools, the BIE schools, and schools that do not offer teacher-provided classroom instruction in grades 1–12 or the ungraded equivalent. The SASS 2011–12 sample included 10,250 traditional public schools, 750 public charter schools, and 3,000 private schools.

The public school sample for the 2011–12 SASS was based on an adjusted public school universe file from the 2009–10 Common Core of Data, a database of all the nation's public school districts and public schools. The private school sample for the 2011–12 SASS was selected from the 2009–10 Private School Universe Survey (PSS), as updated for the 2011–12 PSS. This update collected membership lists from private school associations and religious denominations, as well as private school lists from state education departments. The 2011–12 SASS private school frame was further augmented by the inclusion of additional schools that were identified through the 2009–10 PSS area frame data collection.

The NCES data product 2011–12 Schools and Staffing Survey (SASS) Restricted-Use Data Files (NCES 2014-356) is available. (Information on how to obtain a restricted-use data license is located at <https://nces.ed.gov/pubsearch/licenses.asp>.) This DVD contains eight files (Public School District, Public School Principal, Public School, Public School Teacher, Public School Library Media Center, Private School Principal, Private School, and Private School Teacher) in multiple formats. It also contains a six-volume User's Manual, which includes a codebook for each file.

Further information on SASS may be obtained from

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## Teacher Follow-up Survey

The Teacher Follow-up Survey (TFS) is a follow-up survey of selected elementary and secondary school teachers who participate in the NCES Schools and Staffing Survey (SASS). Its purpose is to determine how many teachers remain at the same school, move to another school, or leave the profession in the year following a SASS administration. It is administered to elementary and secondary teachers in the 50 states and the District of Columbia. The TFS uses two questionnaires, one for teachers who left teaching since the previous SASS administration and another for those who are still teaching either in the same school as last year or in a different school. The objective of the TFS is to focus on the characteristics of each group in order to answer questions about teacher mobility and attrition.

The 2008–09 TFS is different from any previous TFS administration in that it also serves as the second wave of a longitudinal study of first-year teachers. Because of this, the 2008–09 TFS consists of four questionnaires. Two are for respondents who were first-year public school teachers in the 2007–08 SASS and two are for the remainder of the sample.

The 2012–13 TFS sample was made up of teachers who had taken the 2011–12 SASS survey. The 2012–13 TFS sample contained about 5,800 public school teachers and 1,200 private school teachers. The weighted overall response rate using the initial basic weight for private school teachers was notably low (39.7 percent), resulting in a decision to exclude private school teachers from the 2012–13 TFS data files. The weighted overall response rate for public school teachers was 49.9 percent (50.3 percent for current and 45.6 percent for former teachers). Additional information about the 2012–13 TFS, including the analysis of unit nonresponse bias, is available in the First Look report *Teacher Attrition and Mobility: Results From the 2012–13 Teacher Follow-up Survey* (NCES 2014-077).

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## Other Department of Education Agencies

### National Center for Special Education Research

The National Center for Special Education Research (NCSER) was created as part of the reauthorization of the Individuals with Disabilities Education Act (IDEA). NCSER sponsors a program of special education research designed to

expand the knowledge and understanding of infants, toddlers, and children with disabilities. NCSER funds programs of research that address its mission. In order to determine which programs work, as well as how, why, and in what settings they work, NCSER sponsors research on the needs of infants, toddlers, and children with disabilities and evaluates the effectiveness of services provided through IDEA.

Further information on NCSER may be obtained from

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### The National Longitudinal Transition Study-2

Funded by NCSER, the National Longitudinal Transition Study-2 (NLTS-2) was a follow-up of the original National Longitudinal Transition Study conducted from 1985 through 1993. NLTS-2 began in 2001 with a sample of students who received special education services, were ages 13 through 16, and were in at least 7th grade on December 1, 2000. The study was designed to provide a national picture of these youths’ experiences and achievements as they transition into adulthood. Data were collected from parents, youth, and schools by survey, telephone interviews, student assessments, and transcripts.

NLTS-2 was designed to align with the original NLTS by including many of the same questions and data items, thus allowing comparisons between the NLTS and NLTS-2 youths’ experiences. NLTS-2 also included items that have been collected in other national databases to permit comparisons between NLTS-2 youth and the general youth population. Information was collected over five waves, beginning in 2001 and ending in 2009.

Further information on NLTS-2 may be obtained from

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### Office for Civil Rights

#### Civil Rights Data Collection

The U.S. Department of Education’s Office for Civil Rights (OCR) has surveyed the nation’s public elementary and secondary schools since 1968. The survey was first known as the OCR Elementary and Secondary School (E&S) Survey; in 2004, it was renamed the Civil Rights Data Collection (CRDC). The survey collects data on school

discipline, access to and participation in high-level mathematics and science courses, teacher characteristics, school finances, and other school characteristics. These data are reported by race/ethnicity, sex, and disability.

Data in the survey are collected pursuant to 34 C.F.R. Section 100.6(b) of the Department of Education regulation implementing Title VI of the Civil Rights Act of 1964. The requirements are also incorporated by reference in Department regulations implementing Title IX of the Education Amendments of 1972, Section 504 of the Rehabilitation Act of 1973, and the Age Discrimination Act of 1975. School, district, state, and national data are currently available. Data from individual public schools and districts are used to generate national and state data.

The CRDC has generally been conducted biennially in each of the 50 states plus the District of Columbia. The 2009–10 CRDC was collected from a sample of approximately 7,000 school districts and over 72,000 schools in those districts. It was made up of two parts: part 1 contained beginning-of-year “snapshot” data and part 2 contained cumulative, or end-of-year, data.

The 2011–12 and 2013–14 CRDC were surveys of all public school schools and school districts in the nation. The 2011–12 survey collected data from approximately 16,500 school districts and 97,000 schools; the 2013–14 survey collected data from approximately 16,800 school districts and 95,500 schools.

Further information on the Civil Rights Data Collection may be obtained from

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## Office of Federal Student Aid

### *Cohort Default Rate Database*

A school’s cohort default rate is the percentage of the school’s borrowers who enter repayment on certain Federal Family Education Loan (FFEL) program or William D. Ford Federal Direct Loan (Direct Loan) program loans during a particular federal fiscal year and default within the cohort default period. The 2-year cohort default period is the period that begins on October 1 of the fiscal year when the borrower enters repayment and ends on September 30 of the following fiscal year. The 3-year cohort default period is the period that begins on October 1 of the fiscal year when the borrower enters repayment and ends on September 30 of second fiscal year following the fiscal year in which the borrower entered repayment.

The Office of Federal Student Aid’s cohort default rate database can be accessed at [https://nslds.ed.gov/nslds/nslds\\_SA/defaultmanagement/search\\_cohort\\_CY\\_2014.cfm](https://nslds.ed.gov/nslds/nslds_SA/defaultmanagement/search_cohort_CY_2014.cfm).

Further information about cohort default rates produced by the Office of Federal Student Aid may be obtained from

<https://www2.ed.gov/offices/OSFAP/defaultmanagement/schooltyperates.pdf>  
<https://www2.ed.gov/offices/OSFAP/defaultmanagement/cdr.html>  
<https://ifap.ed.gov/DefaultManagement/CDRGuideMaster.html>

## Office of Special Education Programs

### *Annual Report to Congress on the Implementation of the Individuals with Disabilities Education Act*

The Individuals with Disabilities Education Act (IDEA) is a law ensuring services to children with disabilities throughout the nation. IDEA governs how states and public agencies provide early intervention, special education, and related services to more than 6.8 million eligible infants, toddlers, children, and youth with disabilities.

IDEA, formerly the Education of the Handicapped Act (EHA), requires the Secretary of Education to transmit, on an annual basis, a report to Congress describing the progress made in serving the nation’s children with disabilities. This annual report contains information on children served by public schools under the provisions of Part B of IDEA and on children served in state-operated programs for persons with disabilities under Chapter I of the Elementary and Secondary Education Act.

Statistics on children receiving special education and related services in various settings and school personnel providing such services are reported in an annual submission of data to the Office of Special Education Programs (OSEP) by the 50 states, the District of Columbia, the Bureau of Indian Education schools, Puerto Rico, American Samoa, Guam, the Northern Mariana Islands, the U.S. Virgin Islands, the Federated States of Micronesia, Palau, and the Marshall Islands. The child count information is based on the number of children with disabilities receiving special education and related services on December 1 of each year. Count information is available from <https://ideadata.org/>.

Since all participants in programs for persons with disabilities are reported to OSEP, the data are not subject to sampling error. However, nonsampling error can arise from a variety of sources. Some states only produce counts of students receiving special education services by disability category because Part B of the EHA requires it. In those states that typically produce counts of students receiving special education services by disability category without regard to EHA requirements, definitions and labeling practices vary.

Further information on this annual report to Congress may be obtained from

Office of Special Education Programs  
Office of Special Education and Rehabilitative Services  
U.S. Department of Education  
400 Maryland Avenue SW  
Washington, DC 20202  
<https://www2.ed.gov/about/reports/annual/osep/index.html>  
<https://sites.ed.gov/idea/>  
<https://ideadata.org/>

## Office of Career, Technical, and Adult Education, Division of Adult Education and Literacy

### *Enrollment Data for State-Administered Adult Education Programs*

The Division of Adult Education and Literacy (DAEL) promotes programs that help American adults get the basic skills they need to be productive workers, family members, and citizens. The major areas of support are Adult Basic Education, Adult Secondary Education, and English Language Acquisition. These programs emphasize basic skills such as reading, writing, math, English language competency, and problem solving. Each year, DAEL reports enrollment numbers in state-administered adult education programs for these major areas of support for all 50 states, the District of Columbia, American Samoa, the Federated States of Micronesia, Guam, the Marshall Islands, the Northern Mariana Islands, Palau, Puerto Rico, and the U.S. Virgin Islands.

Further information on DAEL may be obtained from

Office of Career, Technical, and Adult Education  
Division of Adult Education and Literacy  
U.S. Department of Education  
400 Maryland Avenue SW  
Washington, DC 20202  
<https://www2.ed.gov/about/offices/list/ovae/pi/AdultEd/index.html>

## Other Governmental Agencies and Programs

### Bureau of Economic Analysis

#### *National Income and Product Accounts*

The National Income and Product Accounts (NIPAs), produced by the Bureau of Economic Analysis, are a set of economic accounts that provide information on the value and composition of output produced in the United States during a given period. NIPAs present measures of economic activity in the United States, including production, income distribution, and personal savings. NIPAs also include data on employee compensation and wages. These estimations

were first calculated in the early 1930s to help the government design economic policies to combat the Great Depression. Most of the NIPA series are published quarterly, with annual reviews of estimates from the three most recent years conducted in the summer.

Revisions to the NIPAs have been made over the years to create a more comprehensive economic picture of the United States. For example, in 1976, consumption of fixed capital (CFC) estimates shifted to a current-cost basis. In 1991, NIPAs began to use gross domestic product (GDP) instead of gross national product (GNP) as the primary measure of U.S. production. (At that time, virtually all other countries were already using GDP as their primary measure of production.) In the 2003 comprehensive revision, a more complete and accurate measure of insurance services was adopted. The incorporation of a new classification system for personal consumption expenditures (PCE) was among the changes contained in the 2009 comprehensive revision. The comprehensive revision of 2013 included the treatment of research and development expenditures by business, government, and nonprofit institutions serving households as fixed investment. The 2017 NIPA annual update contained estimates that reflected the incorporation of newly available and revised source data and the adoption of improved estimating methods.

NIPAs are slowly being integrated with other federal account systems, such as the federal account system of the Bureau of Labor Statistics.

Further information on NIPAs may be obtained from

U.S. Department of Commerce  
Bureau of Economic Analysis  
<https://www.bea.gov/>

## Bureau of Labor Statistics

### *Consumer Price Indexes*

The Consumer Price Index (CPI) represents changes in prices of all goods and services purchased for consumption by urban households. Indexes are available for two population groups: a CPI for All Urban Consumers (CPI-U) and a CPI for Urban Wage Earners and Clerical Workers (CPI-W). Unless otherwise specified, data in this report are adjusted for inflation using the CPI-U. These values are generally adjusted to a school-year basis by averaging the July through June figures. Price indexes are available for the United States, the four Census regions, size of city, cross-classifications of regions and size-classes, and 26 local areas. The major uses of the CPI include as an economic indicator, as a deflator of other economic series, and as a means of adjusting income.

Also available is the Consumer Price Index research series using current methods (CPI-U-RS), which presents an estimate of the CPI-U from 1978 to the present that incorporates most of the improvements that the Bureau of Labor Statistics has made over that time span into the entire series. The historical price index series of the CPI-U does not reflect these changes, though these changes do make the present and future CPI more accurate. The limitations of the CPI-U-RS include considerable uncertainty surrounding the

magnitude of the adjustments and the several improvements in the CPI that have not been incorporated into the CPI-URS for various reasons. Nonetheless, the CPI-URS can serve as a valuable proxy for researchers needing a historical estimate of inflation using current methods. This series has not been used in NCES tables.

Further information on consumer price indexes may be obtained from

Bureau of Labor Statistics  
U.S. Department of Labor  
2 Massachusetts Avenue NE  
Washington, DC 20212  
<https://www.bls.gov/cpi/>

## ***Employment and Unemployment Surveys***

Statistics on the employment and unemployment status of the population and related data are compiled by the Bureau of Labor Statistics (BLS) using data from the Current Population Survey (CPS) (see below) and other surveys. The CPS, a monthly household survey conducted by the U.S. Census Bureau for the Bureau of Labor Statistics, provides a comprehensive body of information on the employment and unemployment experience of the nation's population, classified by age, sex, race, and various other characteristics.

Further information on unemployment surveys may be obtained from

Bureau of Labor Statistics  
U.S. Department of Labor  
2 Massachusetts Avenue NE  
Washington, DC 20212  
[cpsinfo@bls.gov](mailto:cpsinfo@bls.gov)  
<https://www.bls.gov/bls/employment.htm>

## **Census Bureau**

### ***American Community Survey***

The Census Bureau introduced the American Community Survey (ACS) in 1996. Fully implemented in 2005, it provides a large monthly sample of demographic, socioeconomic, and housing data comparable in content to the Long Forms of the Decennial Census up to and including the 2000 long form. Aggregated over time, these data serve as a replacement for the Long Form of the Decennial Census. The survey includes questions mandated by federal law, federal regulations, and court decisions.

Since 2011, the survey has been mailed to approximately 295,000 addresses in the United States and Puerto Rico each month, or about 3.5 million addresses annually. A larger proportion of addresses in small governmental units (e.g., American Indian reservations, small counties, and towns) also receive the survey. The monthly sample size is designed to approximate the ratio used in the 2000 Census, which requires more intensive distribution in these areas. The ACS covers the U.S. resident population, which includes the

entire civilian, noninstitutionalized population; incarcerated persons; institutionalized persons; and the active duty military who are in the United States. In 2006, the ACS began interviewing residents in group quarter facilities. Institutionalized group quarters include adult and juvenile correctional facilities, nursing facilities, and other health care facilities. Noninstitutionalized group quarters include college and university housing, military barracks, and other noninstitutional facilities such as workers and religious group quarters and temporary shelters for the homeless.

National-level data from the ACS are available from 2000 onward. The ACS produces 1-year estimates for jurisdictions with populations of 65,000 and over and 5-year estimates for jurisdictions with smaller populations. The 1-year estimates for 2016 used data collected between January 1, 2016, and December 31, 2016, and the 5-year estimates for 2012–2016 used data collected between January 1, 2012, and December 31, 2016. The ACS produced 3-year estimates (for jurisdictions with populations of 20,000 or over) for the periods 2005–2007, 2006–2008, 2007–2009, 2008–2010, 2009–2011, 2010–2012, and 2011–2013. Three-year estimates for these periods will continue to be available to data users, but no further 3-year estimates will be produced.

Further information about the ACS is available at <https://www.census.gov/programs-surveys/acs/>.

### ***Annual Survey of State and Local Government Finances***

The Census Bureau conducts an Annual Survey of State and Local Government Finances as authorized by law under Title 13, United States Code, Section 182. Periodic surveys of government finances have been conducted since 1902 and have been conducted annually since 1952. This survey covers the entire range of government finance activities: revenue, expenditure, debt, and assets. Revenues and expenditures comprise actual receipts and payments of a government and its agencies, including government-operated enterprises, utilities, and public trust funds. The expenditure-reporting categories comprise all amounts of money paid out by a government and its agencies, with the exception of amounts for debt retirement and for loan, investment, agency, and private trust transactions.

State government finances are based primarily on the Census Bureau Annual Survey of State and Local Government Finances. Census analysts compile figures from official records and reports of the state governments for most of the state financial data. States differ in the ways in which they administer activities; they may fund such activities directly, or they may disburse the money to a lower level government or government agency. Therefore, caution is advised when attempting to make a direct comparison between states regarding their state fiscal aid data.

The sample of local governments is drawn from the periodic Census of Governments (which is conducted in years ending in “2” and “7”) and consists of certain local governments sampled with certainty plus a sample below

the certainty level. Finance data for all school districts are collected on an annual basis and released through the NCES Common Core of Data system. A new sample is usually selected every 5 years (in years ending in “4” and “9”).

The statistics in Government Finances that are based wholly or partly on data from the sample are subject to sampling error. State government finance data are not subject to sampling error. Estimates of major U.S. totals for local governments are subject to a computed sampling variability of less than one-half of 1 percent. The estimates are also subject to the inaccuracies in classification, response, and processing that would occur if a complete census had been conducted under the same conditions as the sample.

Further information on government finances may be obtained from

Governments Division  
Census Bureau  
U.S. Department of Commerce  
4600 Silver Hill Road  
Washington, DC 20233  
<https://www.census.gov/econ/overview/go0400.html>

Local government  
[ewd.local.finance@census.gov](mailto:ewd.local.finance@census.gov)

State government  
[govs.statefinance@census.gov](mailto:govs.statefinance@census.gov)  
<https://www.census.gov/govs/>

## **Census of Population—Education in the United States**

Some NCES tables are based on a part of the decennial census that consisted of questions asked of a 1 in 6 sample of people and housing units in the United States. This sample was asked more detailed questions about income, occupation, and housing costs, as well as questions about general demographic information. This decennial census “long form” has been discontinued and has been replaced by the American Community Survey (ACS).

*School enrollment.* People classified as enrolled in school reported attending a “regular” public or private school or college. They were asked whether the institution they attended was public or private and what level of school they were enrolled in.

*Educational attainment.* Data for educational attainment were tabulated for people ages 15 and over and classified according to the highest grade completed or the highest degree received. Instructions were also given to include the level of the previous grade attended or the highest degree received for people currently enrolled in school.

*Poverty status.* To determine poverty status, answers to income questions were used to make comparisons to the appropriate poverty threshold. All people except those who were institutionalized, people in military group quarters and college dormitories, and unrelated people under age 15 were considered. If the total income of each family or unrelated individual in the sample was below the corresponding cutoff, that family or individual was classified as “below the poverty level.”

Further information on the 1990 and 2000 Census of Population may be obtained from

Population Division  
Census Bureau  
U.S. Department of Commerce  
4600 Silver Hill Road  
Washington, DC 20233  
<https://www.census.gov/main/www/cen1990.html>  
<https://www.census.gov/main/www/cen2000.html>

## **Current Population Survey**

The Current Population Survey (CPS) is a monthly survey of about 54,000 households conducted by the U.S. Census Bureau for the Bureau of Labor Statistics. The CPS is the primary source of labor force statistics on the U.S. population. In addition, supplemental questionnaires are used to provide further information about the U.S. population. The March supplement (also known as the Annual Social and Economic [ASEC] supplement) contains detailed questions on topics such as income, employment, and educational attainment; additional questions, such as items on disabilities, have also been included. In the July supplement, items on computer and internet use are the principal focus. The October supplement also contains some questions about computer and internet use, but most of its questions relate to school enrollment and school characteristics.

CPS samples are initially selected based on results from the decennial census and are periodically updated to reflect new housing construction. The current sample design for the main CPS, last revised in July 2015, includes about 74,000 households. Each month, about 54,000 of the 74,000 households are interviewed. Information is obtained each month from those in the household who are 15 years of age and over, and demographic data are collected for children 0–14 years of age. In addition, supplemental questions regarding school enrollment are asked about eligible household members age 3 and over in the October CPS supplement.

In January 1992, the CPS educational attainment variable was changed. The “Highest grade attended” and “Year completed” questions were replaced by the question “What is the highest level of school . . . has completed or the highest degree . . . has received?” Thus, for example, while the old questions elicited data for those who completed more than 4 years of high school, the new question elicited data for those who were high school completers, i.e., those who graduated from high school with a diploma as well as those who completed high school through equivalency programs, such as a GED program.

A major redesign of the CPS was implemented in January 1994 to improve the quality of the data collected. Survey questions were revised, new questions were added, and computer-assisted interviewing methods were used for the survey data collection. Further information about the redesign is available in *Current Population Survey, October 1995: (School Enrollment Supplement) Technical Documentation* at <https://www.census.gov/prod/techdoc/cps/cpsoct95.pdf>.

Caution should be used when comparing data from 1994 through 2001 with data from 1993 and earlier. Data from 1994 through 2001 reflect 1990 census-based population controls, while data from 1993 and earlier reflect 1980 or earlier census-based population controls. Changes in population controls generally have relatively little impact on summary measures such as means, medians, and percentage distributions; they can, however, have a significant impact on population counts. For example, use of the 1990 census-based population controls resulted in about a 1 percent increase in the civilian noninstitutional population and in the number of families and households. Thus, estimates of levels for data collected in 1994 and later years will differ from those for earlier years by more than what could be attributed to actual changes in the population. These differences could be disproportionately greater for certain subpopulation groups than for the total population.

Beginning in 2003, the race/ethnicity questions were expanded. Information on people of Two or more races were included, and the Asian and Pacific Islander race category was split into two categories—Asian and Native Hawaiian or Other Pacific Islander. In addition, questions were reworded to make it clear that self-reported data on race/ethnicity should reflect the race/ethnicity with which the responder identifies, rather than what may be written in official documentation.

The estimation procedure employed for monthly CPS data involves inflating weighted sample results to independent estimates of characteristics of the civilian noninstitutional population in the United States by age, sex, and race. These independent estimates are based on statistics from decennial censuses; statistics on births, deaths, immigration, and emigration; and statistics on the population in the armed services. Generalized standard error tables are provided in the Current Population Reports; methods for deriving standard errors can be found within the CPS technical documentation at <https://www.census.gov/programs-surveys/cps/technical-documentation/complete.html>. The CPS data are subject to both nonsampling and sampling errors.

Standard errors were estimated using the generalized variance function prior to 2005 for March CPS data and prior to 2010 for October CPS data. The generalized variance function is a simple model that expresses the variance as a function of the expected value of a survey estimate. Standard errors were estimated using replicate weight methodology beginning in 2005 for March CPS data and beginning in 2010 for October CPS data. Those interested in using CPS household-level supplement replicate weights to calculate variances may refer to *Estimating Current Population Survey (CPS) Household-Level Supplement Variances Using Replicate Weights* at [https://thedataweb.rm.census.gov/pub/cps/supps/HH-level\\_Use\\_of\\_the\\_Public\\_Use\\_Replicate\\_Weight\\_File.doc](https://thedataweb.rm.census.gov/pub/cps/supps/HH-level_Use_of_the_Public_Use_Replicate_Weight_File.doc).

Further information on the CPS may be obtained from

Education and Social Stratification Branch  
Population Division  
Census Bureau  
U.S. Department of Commerce  
4600 Silver Hill Road  
Washington, DC 20233  
<https://www.census.gov/programs-surveys/cps.html>

## Computer and Internet Use

The Current Population Survey (CPS) has been conducting supplemental data collections regarding computer use since 1984. In 1997, these supplemental data collections were expanded to include data on internet access. More recently, data regarding computer and internet use were collected in October 2010, July 2011, October 2012, July 2013, and July 2015.

In the July 2011, 2013, and 2015 supplements, the sole focus was on computer and internet use. In the October 2010 and 2012 supplements questions on school enrollment were the principal focus, and questions on computer and internet use were less prominent. Measurable differences in estimates taken from these supplements across years could reflect actual changes in the population; however, differences could also reflect seasonal variations in data collection or differences between the content of the July and October supplements. Therefore, caution should be used when making year-to-year comparisons of CPS computer and internet use estimates.

The most recent computer and internet use supplement, conducted in July 2015, collected household information from all eligible CPS households, as well as information from individual household members age 3 and over. Information was collected about the household's computer and internet use and the household member's use of the Internet from any location in the past year. Additionally, information was gathered regarding a randomly selected household respondent's use of the Internet.

For the July 2015 basic CPS, the household-level nonresponse rate was 13.0 percent. The person-level nonresponse rate for the computer and internet use supplement was an additional 23.0 percent. Since one rate is a person-level rate and the other a household-level rate, the rates cannot be combined to derive an overall rate.

Further information on the CPS Computer and Internet Use Supplement may be obtained from

Education and Social Stratification Branch  
Census Bureau  
U.S. Department of Commerce  
4600 Silver Hill Road  
Washington, DC 20233  
<https://census.gov/topics/population/computer-internet.html>

## Dropouts

Each October, the Current Population Survey (CPS) includes supplemental questions on the enrollment status of the population age 3 years and over as part of the monthly basic survey on labor force participation. In addition to gathering the information on school enrollment, with the limitations on accuracy as noted below under "School Enrollment," the survey data permit calculations of dropout rates. Both status and event dropout rates are tabulated from the October CPS. Event rates describe the proportion of students who leave school each year without completing a high school program. Status rates provide cumulative data on dropouts among all young adults within a specified age range. Status rates are higher than event rates because they include all dropouts ages 16 through 24, regardless of when they last attended school.

In addition to other survey limitations, dropout rates may be affected by survey coverage and exclusion of the institutionalized population. The incarcerated population has grown rapidly and has a high dropout rate. Dropout rates for the total population might be higher than those for the noninstitutionalized population if the prison and jail populations were included in the dropout rate calculations. On the other hand, if military personnel, who tend to be high school graduates, were included, it might offset some or all of the impact from the theoretical inclusion of the jail and prison populations.

Another area of concern with tabulations involving young people in household surveys is the relatively low coverage ratio compared to older age groups. CPS undercoverage results from missed housing units and missed people within sample households. Overall CPS undercoverage for October 2016 is estimated to be about 11 percent. CPS coverage varies with age, sex, and race. Generally, coverage is larger for females than for males and larger for non-Blacks than for Blacks. This differential coverage is a general problem for most household-based surveys. Further information on CPS methodology may be found in the technical documentation at <https://www.census.gov/programs-surveys/cps.html>.

Further information on the calculation of dropouts and dropout rates may be obtained from the *Trends in High School Dropout and Completion Rates in the United States* report at <https://nces.ed.gov/programs/dropout/index.asp> or by contacting

Joel McFarland  
Annual Reports and Information Staff  
National Center for Education Statistics  
550 12th Street SW  
Washington, DC 20202  
[joel.mcfarland@ed.gov](mailto:joel.mcfarland@ed.gov)

### Educational Attainment

Reports documenting educational attainment are produced by the Census Bureau using the March Current Population Survey (CPS) supplement (Annual Social and Economic supplement [ASEC]). Currently, the ASEC supplement consists of approximately 70,000 interviewed households. Both recent and earlier editions of *Educational Attainment in the United States* may be downloaded at <https://www.census.gov/topics/education/educational-attainment/data/tables.All.html>.

In addition to the general constraints of CPS, some data indicate that the respondents have a tendency to overestimate the educational level of members of their household. Some inaccuracy is due to a lack of the respondent's knowledge of the exact educational attainment of each household member and the hesitancy to acknowledge anything less than a high school education.

Further information on educational attainment data from CPS may be obtained from

Education and Social Stratification Branch  
Census Bureau  
U.S. Department of Commerce  
4600 Silver Hill Road  
Washington, DC 20233  
<https://www.census.gov/topics/education/educational-attainment/data.html>

### School Enrollment

Each October, the Current Population Survey (CPS) includes supplemental questions on the enrollment status of the population age 3 years and over. Currently, the October supplement consists of approximately 54,000 interviewed households, the same households interviewed in the basic Current Population Survey. The main sources of nonsampling variability in the responses to the supplement are those inherent in the survey instrument. The question of current enrollment may not be answered accurately for various reasons. Some respondents may not know current grade information for every student in the household, a problem especially prevalent for households with members in college or in nursery school. Confusion over college credits or hours taken by a student may make it difficult to determine the year in which the student is enrolled. Problems may occur with the definition of nursery school (a group or class organized to provide educational experiences for children) where respondents' interpretations of "educational experiences" vary.

For the October 2016 basic CPS, the household-level nonresponse rate was 12.7 percent. The person-level nonresponse rate for the school enrollment supplement was an additional 8.0 percent. Since the basic CPS nonresponse rate is a household-level rate and the school enrollment supplement nonresponse rate is a person-level rate, these rates cannot be combined to derive an overall nonresponse rate. Nonresponding households may have fewer persons than interviewed ones, so combining these rates may lead to an overestimate of the true overall nonresponse rate for persons for the school enrollment supplement.

Although the principal focus of the October supplement is school enrollment, in some years the supplement has included additional questions on other topics. In 2010 and 2012, for example, the October supplement included additional questions on computer and internet use.

Further information on CPS methodology may be obtained from <https://www.census.gov/programs-surveys/cps.html>.

Further information on the CPS School Enrollment Supplement may be obtained from

Education and Social Stratification Branch  
Census Bureau  
U.S. Department of Commerce  
4600 Silver Hill Road  
Washington, DC 20233  
<https://www.census.gov/topics/education/school-enrollment.html>

### ***Decennial Census, Population Estimates, and Population Projections***

The decennial census is a universe survey mandated by the U.S. Constitution. It is a questionnaire sent to every household in the country, and it is composed of seven questions about the household and its members (name, sex, age, relationship, Hispanic origin, race, and whether the housing unit is owned or rented). The Census Bureau also produces annual estimates of the resident population by demographic characteristics (age, sex, race, and Hispanic origin) for the nation, states, and counties, as well as national and state

projections for the resident population. The reference date for population estimates is July 1 of the given year. With each new issue of July 1 estimates, the Census Bureau revises estimates for each year back to the last census. Previously published estimates are superseded and archived.

Census respondents self-report race and ethnicity. The race questions on the 1990 and 2000 censuses differed in some significant ways. In 1990, the respondent was instructed to select the one race “that the respondent considers himself/herself to be,” whereas in 2000, the respondent could select one or more races that the person considered himself or herself to be. American Indian, Eskimo, and Aleut were three separate race categories in 1990; in 2000, the American Indian and Alaska Native categories were combined, with an option to write in a tribal affiliation. This write-in option was provided only for the American Indian category in 1990. There was a combined Asian and Pacific Islander race category in 1990, but the groups were separated into two categories in 2000.

The census question on ethnicity asks whether the respondent is of Hispanic origin, regardless of the race option(s) selected; thus, persons of Hispanic origin may be of any race. In the 2000 census, respondents were first asked, “Is this person Spanish/Hispanic/Latino?” and then given the following options: No, not Spanish/Hispanic/Latino; Yes, Puerto Rican; Yes, Mexican, Mexican American, Chicano; Yes, Cuban; and Yes, other Spanish/Hispanic/Latino (with space to print the specific group). In the 2010 census, respondents were asked “Is this person of Hispanic, Latino, or Spanish origin?” The options given were No, not of Hispanic, Latino, or Spanish origin; Yes, Mexican, Mexican Am., Chicano; Yes, Puerto Rican; Yes, Cuban; and Yes, another Hispanic, Latino, or Spanish origin—along with instructions to print “Argentinian, Colombian, Dominican, Nicaraguan, Salvadoran, Spaniard, and so on” in a specific box.

The 2000 and 2010 censuses each asked the respondent “What is this person’s race?” and allowed the respondent to select one or more options. The options provided were largely the same in both the 2000 and 2010 censuses: White; Black, African American, or Negro; American Indian or Alaska Native (with space to print the name of enrolled or principal tribe); Asian Indian; Japanese; Native Hawaiian; Chinese; Korean; Guamanian or Chamorro; Filipino; Vietnamese; Samoan; Other Asian; Other Pacific Islander; and Some other race. The last three options included space to print the specific race. Two significant differences between the 2000 and 2010 census questions on race were that no race examples were provided for the “Other Asian” and “Other Pacific Islander” responses in 2000, whereas the race examples of “Hmong, Laotian, Thai, Pakistani, Cambodian, and so on” and “Fijian, Tongan, and so on,” were provided for the “Other Asian” and “Other Pacific Islander” responses, respectively, in 2010.

The census population estimates program modified the enumerated population from the 2010 census to produce the population estimates base for 2010 and onward. As part of the modification, the Census Bureau recoded the “Some other race” responses from the 2010 census to one or more of the five OMB race categories used in the estimates program (for more information, see <https://www.census.gov/programs-surveys/popest/technical-documentation/methodology.html>).

Further information on the decennial census may be obtained from

<https://www.census.gov/>

### ***Small Area Income and Poverty Estimates***

Small Area Income and Poverty Estimates (SAIPE) are produced for school districts, counties, and states. The main objective of this program is to provide updated estimates of income and poverty statistics for the administration of federal programs and the allocation of federal funds to local jurisdictions. Estimates for 2016 were released in November 2017. These estimates combine data from administrative records, postcensal population estimates, and the decennial census with direct estimates from the American Community Survey to provide consistent and reliable single-year estimates. These model-based single-year estimates are more reflective of current conditions than multiyear survey estimates.

Further information on the SAIPE program may be obtained from

Small Area Estimates Branch  
Census Bureau  
U.S. Department of Commerce  
[sehds.saipe@census.gov](mailto:sehds.saipe@census.gov)  
<https://www.census.gov/programs-surveys/saipe/about/contact.html>

## **Centers for Disease Control and Prevention**

### ***National Health Interview Survey***

The National Health Interview Survey (NHIS) is the principal source of information on the health of the civilian non-institutionalized population of the United States and is one of the major data collection programs of the National Center for Health Statistics (NCHS), which is part of the Centers for Disease Control and Prevention (CDC). The main objective of the NHIS is to monitor the health of the U.S. population through the collection and analysis of data on a broad range of health topics. A major strength of this survey lies in its ability to display these health topics by many demographic and socioeconomic characteristics.

The NHIS covers the civilian noninstitutionalized population residing in the United States at the time of the interview. The NHIS is a cross-sectional household interview survey. Sampling and interviewing are continuous throughout each year. The sampling plan follows a multistage area probability design that permits the representative sampling of households and noninstitutional group quarters (e.g., college dormitories). The sampling plan is redesigned after every decennial census. The current sampling plan, implemented in 2016, is similar in many ways to the previous sampling plan, which was in place from 2006 to 2015. The current sampling plan consists of a sample of clusters of addresses that are located in primary sampling units (PSUs). A PSU is a county, a small group of contiguous counties, or a metropolitan statistical area.

The total NHIS sample is subdivided into four separate panels, each of which is a representative sample of the U.S. population. With four sample panels and no sample cuts or augmentations, the expected NHIS sample size (completed interviews) is approximately 35,000 households, containing about 87,500 persons. The annual response rate of the NHIS is approximately 70 percent of the eligible households in the sample.

The revised NHIS questionnaire, in use since 1997, contains Core questions and Supplements. The Core questions remain largely unchanged from year to year and allow for trends analysis and for data from more than one year to be pooled to increase sample size for analytic purposes. The Core contains four major components: Household, Family, Sample Adult, and Sample Child.

The Household component collects limited demographic information on all of the individuals living in a particular house. The Family component verifies and collects additional demographic information on each member from each family in the house and collects data on topics such as health status and limitations, injuries, healthcare access and utilization, health insurance, and income and assets. The Family component allows the NHIS to serve as a sampling frame for additional integrated surveys as needed.

Data are collected through a personal household interview conducted by interviewers employed and trained by the U.S. Bureau of the Census according to procedures specified by the NCHS.

Further information on the NHIS may be obtained from

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Centers for Disease Control and Prevention  
3311 Toledo Road  
Hyattsville, MD 20782  
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<https://www.cdc.gov/nchs/nhis/index.htm>

### ***Morbidity and Mortality Weekly Report: Summary of Notifiable Diseases***

The Summary of Notifiable Diseases, a publication of the Morbidity and Mortality Weekly Report (MMWR), contains the official statistics, in tabular and graphical form, for the reported occurrence of nationally notifiable infectious diseases in the United States. These statistics are collected and compiled from reports sent by U.S. state and territory, New York City, and District of Columbia health departments to the National Notifiable Diseases Surveillance System (NNDSS), which is operated by the Centers for Disease Control and Prevention (CDC) in collaboration with the Council of State and Territorial Epidemiologists.

For more information on the MMWR: Summary of Notifiable Diseases, see [https://www.cdc.gov/mmwr/mmwr\\_nd/](https://www.cdc.gov/mmwr/mmwr_nd/).

### ***National Vital Statistics System***

The National Vital Statistics System (NVSS) is the method by which data on vital events—births, deaths, marriages, divorces, and fetal deaths—are provided to the

National Center for Health Statistics (NCHS), part of the Centers for Disease Control and Prevention (CDC). The data are provided to NCHS through the Vital Statistics Cooperative Program (VSCP). In 1984 and earlier years, the VSCP included varying numbers of states that provided data based on a 100 percent sample of their birth certificates. Data for states not in the VSCP were based on a 50 percent sample of birth certificates filed in those states. Population data used to compile birth rates are based on special estimation procedures and are not actual counts.

Race and Hispanic ethnicity are reported separately in the NVSS. Data are available for non-Hispanic Whites and non-Hispanic Blacks for 1990 and later; however, for 1980 and 1985, data for Whites and Blacks may include persons of Hispanic ethnicity. For all years, Asian/Pacific Islander and American Indian/Alaska Native categories include persons of Hispanic ethnicity.

For more information on the NCHS and the NVSS, see <https://www.cdc.gov/nchs/nvss/index.htm>.

### ***School-Associated Violent Death Surveillance System***

The School-Associated Violent Death Surveillance System (SAVD-SS) is an epidemiological study developed by the Centers for Disease Control and Prevention in conjunction with the U.S. Department of Education and the U.S. Department of Justice. SAVD-SS seeks to describe the epidemiology of school-associated violent deaths, identify common features of these deaths, estimate the rate of school-associated violent death in the United States, and identify potential risk factors for these deaths. The study includes descriptive data on all school-associated violent deaths in the United States, including all homicides, suicides, or legal intervention in which the fatal injury occurred on the campus of a functioning elementary or secondary school; while the victim was on the way to or from regular sessions at such a school; or while attending or on the way to or from an official school-sponsored event. Victims of such incidents include nonstudents, as well as students and staff members. SAVD-SS includes descriptive information about the school, event, victim(s), and offender(s). The study has collected data since July 1, 1992.

SAVD-SS uses a four-step process to identify and collect data on school-associated violent deaths. Cases are initially identified through a search of the LexisNexis newspaper and media database. Then law enforcement officials are contacted to confirm the details of the case and to determine if the event meets the case definition. Once a case is confirmed, a law enforcement official and a school official are interviewed regarding details about the school, event, victim(s), and offender(s). A copy of the full law enforcement report is also sought for each case. The information obtained on schools includes school demographics, attendance/absentee rates, suspensions/expulsions and mobility, school history of weapon-carrying incidents, security measures, violence prevention activities, school response to the event, and school policies about weapon carrying. Event information includes the location of injury, the context of injury (while classes were being held, during break, etc.), motives for injury, method of injury,

and school and community events happening around the time period. Information obtained on victim(s) and offender(s) includes demographics, circumstances of the event (date/time, alcohol or drug use, number of persons involved), types and origins of weapons, criminal history, psychological risk factors, school-related problems, extracurricular activities, and family history, including structure and stressors.

Some 105 school-associated violent deaths were identified from July 1, 1992, to June 30, 1994 (Kachur et al., 1996, School-Associated Violent Deaths in the United States, 1992 to 1994, *Journal of the American Medical Association*, 275: 1729–1733). A more recent report from this data collection identified 253 school-associated violent deaths between July 1, 1994, and June 30, 1999 (Anderson et al., 2001, School-Associated Violent Deaths in the United States, 1994–1999, *Journal of the American Medical Association*, 286: 2695–2702). Other publications from this study have described how the number of events change during the school year (Centers for Disease Control and Prevention, 2001, Temporal Variations in School-Associated Student Homicide and Suicide Events—United States, 1992–1999, *Morbidity and Mortality Weekly Report*, 50: 657–660), the source of the firearms used in these events (Reza et al., 2003, Source of Firearms Used by Students in School-Associated Violent Deaths—United States, 1992–1999, *Morbidity and Mortality Weekly Report*, 52: 169–172), and suicides that were associated with schools (Kauffman et al., 2004, School-Associated Suicides—United States, 1994–1999, *Morbidity and Mortality Weekly Report*, 53: 476–478). The most recent publication describes trends in school-associated homicide from July 1, 1992, to June 30, 2006 (Centers for Disease Control and Prevention, 2008, School-Associated Student Homicides—United States, 1992–2006, *Morbidity and Mortality Weekly Report* 2008, 57: 33–36). The interviews conducted on cases between July 1, 1994, and June 30, 1999, achieved a response rate of 97 percent for police officials and 78 percent for school officials.

For several reasons, all data for years from 1999 to the present are flagged as preliminary. For some recent data, the interviews with school and law enforcement officials to verify case details have not been completed. The details learned during the interviews can occasionally change the classification of a case. Also, new cases may be identified because of the expansion of the scope of the media files used for case identification. Sometimes other cases not identified during earlier data years using the independent case finding efforts (which focus on nonmedia sources of information) will be discovered. Also, other cases may occasionally be identified while the law enforcement and school interviews are being conducted to verify known cases.

Further information on SAVD-SS may be obtained from

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## **Web-Based Injury Statistics Query and Reporting System Fatal**

Web-Based Injury Statistics Query and Reporting System (WISQARS) Fatal is an interactive online database that provides mortality data related to injury. The mortality data reported in WISQARS Fatal come from death certificate data reported to the National Center for Health Statistics (NCHS), Centers for Disease Control and Prevention. Data include causes of death reported by attending physicians, medical examiners, and coroners and demographic information about decedents reported by funeral directors, who obtain that information from family members and other informants. NCHS collects, compiles, verifies, and prepares these data for release to the public. The data provide information about unintentional injury, homicide, and suicide as leading causes of death, how common these causes of death are, and whom they affect. These data are intended for a broad audience—the public, the media, public health practitioners and researchers, and public health officials—to increase their knowledge of injury.

WISQARS Fatal mortality reports provide tables of the total numbers of injury-related deaths and the death rates per 100,000 U.S. population. The reports list deaths according to cause (mechanism) and intent (manner) of injury by state, race, Hispanic origin, sex, and age groupings.

Further information on WISQARS Fatal may be obtained from

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<https://wwwn.cdc.gov/dcs/ContactUs/Form>  
[https://www.cdc.gov/injury/wisqars/fatal\\_help/data\\_sources.html](https://www.cdc.gov/injury/wisqars/fatal_help/data_sources.html)

## **Youth Risk Behavior Surveillance System**

The Youth Risk Behavior Surveillance System (YRBSS) is an epidemiological surveillance system developed by the Centers for Disease Control and Prevention (CDC) to monitor the prevalence of youth behaviors that most influence health. The YRBSS focuses on priority health-risk behaviors established during youth that result in the most significant mortality, morbidity, disability, and social problems during both youth and adulthood. The YRBSS includes a national school-based Youth Risk Behavior Survey (YRBS), as well as surveys conducted in states and large urban school districts.

The national YRBS uses a three-stage cluster sampling design to produce a nationally representative sample of students in grades 9–12 in the United States. The target population consists of all public and private school students in grades 9–12 in the 50 states and the District of Columbia. The first-stage sampling frame includes selecting primary sampling units (PSUs) from strata formed on the basis of urbanization and the relative percentage of Black and Hispanic students in the PSU. These PSUs are either counties; subareas of large counties; or groups of smaller, adjacent counties. At the second stage, schools were selected with probability proportional to school enrollment size.

The final stage of sampling consists of randomly selecting, in each chosen school and in each of grades 9–12, one or two classrooms from either a required subject, such as English or social studies, or a required period, such as home-room or second period. All students in selected classes are eligible to participate. In surveys conducted before 2013, three strategies were used to oversample Black and Hispanic students: (1) larger sampling rates were used to select PSUs that are in high-Black and high-Hispanic strata; (2) a modified measure of size was used that increased the probability of selecting schools with a disproportionately high minority enrollment; and (3) two classes per grade, rather than one, were selected in schools with a high percentage of combined Black, Hispanic, Asian/Pacific Islander, or American Indian/Alaska Native enrollment. In 2013, only selection of two classes per grade was needed to achieve an adequate precision with minimum variance. Approximately 16,300 students participated in the 1993 survey, 10,900 students participated in the 1995 survey, 16,300 students participated in the 1997 survey, 15,300 students participated in 1999, 13,600 students participated in 2001, 15,200 students participated in 2003, 13,900 participated in 2005, 14,000 participated in 2007, 16,400 participated in 2009, 15,400 participated in 2011, 13,600 participated in 2013, and 15,600 participated in 2015.

The overall response rate was 70 percent for the 1993 survey, 60 percent for the 1995 survey, 69 percent for the 1997 survey, 66 percent in 1999, 63 percent in 2001, 67 percent in 2003, 67 percent in 2005, 68 percent in 2007, 71 percent in 2009, 71 percent in 2011, 68 percent in 2013, and 60 percent in 2015. NCES standards call for response rates of 85 percent or greater for cross-sectional surveys, and bias analyses are required by NCES when that percentage is not achieved. For YRBS data, a full nonresponse bias analysis has not been done because the data necessary to do the analysis are not available. The weights were developed to adjust for non-response and the oversampling of Black and Hispanic students in the sample. The final weights were constructed so that only weighted proportions of students (not weighted counts of students) in each grade matched national population projections.

State-level data were downloaded from the Youth Online: Comprehensive Results web page (<https://nccd.cdc.gov/Youthonline/App/Default.aspx>). Each state and district school-based YRBS employs a two-stage, cluster sample design to produce representative samples of students in grades 9–12 in their jurisdiction. All except a few state samples, and all district samples, include only public schools, and each district sample includes only schools in the funded school district (e.g., San Diego Unified School District) rather than in the entire city (e.g., greater San Diego area).

In the first sampling stage in all except a few states and districts, schools are selected with probability proportional to school enrollment size. In the second sampling stage, intact classes of a required subject or intact classes during a required period (e.g., second period) are selected randomly. All students in sampled classes are eligible to participate. Certain states and districts modify these procedures to meet their

individual needs. For example, in a given state or district, all schools, rather than a sample of schools, might be selected to participate. State and local surveys that have a scientifically selected sample, appropriate documentation, and an overall response rate greater than or equal to 60 percent are weighted. The overall response rate reflects the school response rate multiplied by the student response rate. These three criteria are used to ensure that the data from those surveys can be considered representative of students in grades 9–12 in that jurisdiction. A weight is applied to each record to adjust for student nonresponse and the distribution of students by grade, sex, and race/ethnicity in each jurisdiction. Therefore, weighted estimates are representative of all students in grades 9–12 attending schools in each jurisdiction. Surveys that do not have an overall response rate of greater than or equal to 60 percent and that do not have appropriate documentation are not weighted and are not included in this report.

For the 2015 YRBS, data from 37 states and 19 large urban districts were weighted. (For information on the location of the districts, please see <https://www.cdc.gov/healthyyouth/data/yrbs/participation.htm>.) In 36 states and all large urban school districts, weighted estimates are representative of all students in grades 9–12 attending public schools in each jurisdiction. In one state (South Dakota), weighted estimates are representative of all students in grades 9–12 attending public and private schools. Student sample sizes ranged from 1,313 to 55,596 across the states and from 1,052 to 10,419 across the large urban school districts. Among the states, school response rates ranged from 70 percent to 100 percent, student response rates ranged from 64 percent to 90 percent, and overall response rates ranged from 60 percent to 84 percent. Among the large urban school districts, school response rates ranged from 90 percent to 100 percent, student response rates ranged from 66 percent to 88 percent, and overall response rates ranged from 64 percent to 88 percent.

In 2013, a total of 42 states and 21 districts had weighted data. Not all of the districts were contained in the 42 states. For example, California was not one of the 42 states that obtained weighted data, but it contained several districts that did. In sites with weighted data, the student sample sizes for the state and district YRBS ranged from 1,107 to 53,785. School response rates ranged from 70 to 100 percent, student response rates ranged from 60 to 94 percent, and overall response rates ranged from 60 to 87 percent.

Readers should note that reports of these data published by the CDC and in this report do not include percentages for which the denominator includes fewer than 100 unweighted cases.

In 1999, in accordance with changes to the Office of Management and Budget's standards for the classification of federal data on race and ethnicity, the YRBS item on race/ethnicity was modified. The version of the race and ethnicity question used in 1993, 1995, and 1997 was

How do you describe yourself?

- a. White—not Hispanic
- b. Black—not Hispanic
- c. Hispanic or Latino
- d. Asian or Pacific Islander
- e. American Indian or Alaskan Native
- f. Other

The version used in 1999, 2001, 2003, and in the 2005, 2007, and 2009 state and local district surveys was

How do you describe yourself? (Select one or more responses.)

- a. American Indian or Alaska Native
- b. Asian
- c. Black or African American
- d. Hispanic or Latino
- e. Native Hawaiian or Other Pacific Islander
- f. White

In the 2005 national survey and in all 2007, 2009, 2011, 2013, and 2015 surveys, race/ethnicity was computed from two questions: (1) “Are you Hispanic or Latino?” (response options were “Yes” and “No”), and (2) “What is your race?” (response options were “American Indian or Alaska Native,” “Asian,” “Black or African American,” “Native Hawaiian or Other Pacific Islander,” or “White”). For the second question, students could select more than one response option. For this report, students were classified as “Hispanic” if they answered “Yes” to the first question, regardless of how they answered the second question. Students who answered “No” to the first question and selected more than one race/ethnicity in the second category were classified as “More than one race.” Students who answered “No” to the first question and selected only one race/ethnicity were classified as that race/ethnicity. Race/ethnicity was classified as missing for students who did not answer the first question and for students who answered “No” to the first question but did not answer the second question.

CDC has conducted two studies to understand the effect of changing the race/ethnicity item on the YRBS. Brener, Kann, and McManus (*Public Opinion Quarterly*, 67:227–226, 2003) found that allowing students to select more than one response to a single race/ethnicity question on the YRBS had only a minimal effect on reported race/ethnicity among high school students. Eaton, Brener, Kann, and Pittman (*Journal of Adolescent Health*, 41: 488–494, 2007) found that self-reported race/ethnicity was similar regardless of whether the single-question or a two-question format was used.

Further information on the YRBSS may be obtained from

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<https://www.cdc.gov/healthyyouth/data/yrbs/index.htm>

## Department of Defense

### *Defense Manpower Data Center*

The Statistical Information Analysis Division of the Defense Manpower Data Center (DMDC) maintains the largest archive of personnel, manpower, and training data in

the Department of Defense (DoD). The DMDC’s statistical activities include the personnel survey program, an enlistment testing program to support screening of military applicants, and a client support program to provide statistical support to the Office of the Secretary of Defense. The DMDC collects DoD contract information in support of national economic tables and the Small Business Competitiveness Demonstration Program; it also produces statistics on DoD purchases from educational and nonprofit institutions and from state and local governments.

For more information on the DMDC, see <https://www.dmdc.osd.mil>.

## Department of Justice

### *Bureau of Justice Statistics*

A division of the U.S. Department of Justice Office of Justice Programs, the Bureau of Justice Statistics (BJS) collects, analyzes, publishes, and disseminates statistical information on crime, criminal offenders, victims of crime, and the operations of the justice system at all levels of government and internationally. It also provides technical and financial support to state governments for development of criminal justice statistics and information systems on crime and justice.

For information on the BJS, see <https://www.bjs.gov/>.

### National Crime Victimization Survey

The National Crime Victimization Survey (NCVS), administered for the U.S. Bureau of Justice Statistics (BJS) by the U.S. Census Bureau, is the nation’s primary source of information on crime and the victims of crime. Initiated in 1972 and redesigned in 1992 and 2016, the NCVS collects detailed information on the frequency and nature of the crimes of rape, sexual assault, robbery, aggravated and simple assault, theft, household burglary, and motor vehicle theft experienced by Americans and American households each year. The survey measures both crimes reported to the police and crimes not reported to the police.

NCVS estimates presented may differ from those in previous published reports. This is because a small number of victimizations, referred to as series victimizations, are included using a new counting strategy. High-frequency repeat victimizations, or series victimizations, are six or more similar but separate victimizations that occur with such frequency that the victim is unable to recall each individual event or describe each event in detail. As part of ongoing research efforts associated with the redesign of the NCVS, BJS investigated ways to include high-frequency repeat victimizations, or series victimizations, in estimates of criminal victimization. Including series victimizations results in more accurate estimates of victimization. BJS has decided to include series victimizations using the victim’s estimates of the number of times the victimizations occurred over the past 6 months, capping the number of victimizations within each series at a maximum of 10. This strategy for counting series victimizations balances the desire to estimate national rates and account for the experiences of persons who have been subjected to repeat victimizations against the desire to minimize the estimation errors that can occur when repeat victimizations are reported. Including series victimizations in national rates results

in rather large increases in the level of violent victimization; however, trends in violence are generally similar regardless of whether series victimizations are included. For more information on the new counting strategy and supporting research, see *Methods for Counting High-Frequency Repeat Victimizations in the National Crime Victimization Survey* at <https://www.bjs.gov/content/pub/pdf/mchfrv.pdf>.

Readers should note that in 2003, in accordance with changes to the Office of Management and Budget's standards for the classification of federal data on race and ethnicity, the NCVS item on race/ethnicity was modified. A question on Hispanic origin is now followed by a new question on race. The new question about race allows the respondent to choose more than one race and delineates Asian as a separate category from Native Hawaiian or Other Pacific Islander. An analysis conducted by the Demographic Surveys Division at the U.S. Census Bureau showed that the new race question had very little impact on the aggregate racial distribution of the NCVS respondents, with one exception: There was a 1.6 percentage point decrease in the percentage of respondents who reported themselves as White. Due to changes in race/ethnicity categories, comparisons of race/ethnicity across years should be made with caution.

There were changes in the sample design and survey methodology in the 2006 NCVS that may have affected survey estimates. Caution should be used when comparing the 2006 estimates to estimates of other years. Data from 2007 onward are comparable to earlier years. Analyses of the 2007 estimates indicate that the program changes made in 2006 had relatively small effects on NCVS estimates. For more information on the 2006 NCVS data, see *Criminal Victimization, 2006*, at <https://www.bjs.gov/content/pub/pdf/cv06.pdf>; the NCVS 2006 technical notes, at <https://bjs.ojp.usdoj.gov/content/pub/pdf/cv06tn.pdf>; and *Criminal Victimization, 2007*, at <https://bjs.ojp.usdoj.gov/content/pub/pdf/cv07.pdf>.

The NCVS sample was redesigned in 2016 in order to account for changes in the U.S. population identified through the 2010 Decennial Census and to make it possible to produce state- and local-level victimization estimates for the largest 22 states and specific metropolitan areas within those states. Because of this redesign, 2016 victimization data are not comparable to data from 2015 and prior years. For more information on the 2016 NCVS data, see *Criminal Victimization, 2016*, at <https://www.bjs.gov/content/pub/pdf/cv16.pdf>, and the technical notes, at <https://www.bjs.gov/content/pub/pdf/ncvstd16.pdf>.

The number of NCVS-eligible households in the sample in 2016 was about 134,690. Households were selected using a stratified, multistage cluster design. In the first stage, the primary sampling units (PSUs), consisting of counties or groups of counties, were selected. In the second stage, smaller areas, called Enumeration Districts (EDs), were selected from each sampled PSU. Finally, from selected EDs, clusters of four households, called segments, were selected for interview. At each stage, the selection was done proportionate to population size in order to create a self-weighting sample. The final sample was augmented to account for households constructed after the decennial census. Within each sampled household, the U.S. Census Bureau interviewer attempts to interview all household members age 12 and over to determine whether they had

been victimized by the measured crimes during the 6 months preceding the interview.

The first NCVS interview with a housing unit is conducted in person. Subsequent interviews are conducted by telephone, if possible. Households remain in the sample for 3 years and are interviewed seven times at 6-month intervals. Since the survey's inception, the initial interview at each sample unit has been used only to bound future interviews to establish a time frame to avoid duplication of crimes uncovered in these subsequent interviews. Beginning in 2006, data from the initial interview have been adjusted to account for the effects of bounding and have been included in the survey estimates. After a household has been interviewed its seventh time, it is replaced by a new sample household. In 2016, the household response rate was about 78 percent and the completion rate for persons within households was about 84 percent. Weights were developed to permit estimates for the total U.S. population 12 years and older.

Further information on the NCVS may be obtained from

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### School Crime Supplement

Created as a supplement to the NCVS and codesigned by the National Center for Education Statistics and Bureau of Justice Statistics, the School Crime Supplement (SCS) survey has been conducted in 1989, 1995, and biennially since 1999 to collect additional information about school-related victimizations on a national level. This report includes data from the 1995, 1999, 2001, 2003, 2005, 2007, 2009, 2011, 2013, and 2015 collections. The 1989 data are not included in this report as a result of methodological changes to the NCVS and SCS. The SCS was designed to assist policymakers, as well as academic researchers and practitioners at federal, state, and local levels, to make informed decisions concerning crime in schools. The survey asks students a number of key questions about their experiences with and perceptions of crime and violence that occurred inside their school, on school grounds, on the school bus, or on the way to or from school. Students are asked additional questions about security measures used by their school, students' participation in after-school activities, students' perceptions of school rules, the presence of weapons and gangs in school, the presence of hate-related words and graffiti in school, student reports of bullying and reports of rejection at school, and the availability of drugs and alcohol in school. Students are also asked attitudinal questions relating to fear of victimization and avoidance behavior at school.

The SCS survey was conducted for a 6-month period from January through June in all households selected for the NCVS (see discussion above for information about the NCVS sampling design and changes to the race/ethnicity variable beginning in 2003). Within these households, the eligible respondents for the SCS were those household members who had attended school at any time during the 6 months preceding the interview, were enrolled in grades

6–12, and were not home schooled. In 2007, the questionnaire was changed and household members who attended school sometime during the school year of the interview were included. The age range of students covered in this report is 12–18 years of age. Eligible respondents were asked the supplemental questions in the SCS only after completing their entire NCVS interview. It should be noted that the first or unbounded NCVS interview has always been included in analysis of the SCS data and may result in the reporting of events outside of the requested reference period.

The prevalence of victimization for 1995, 1999, 2001, 2003, 2005, 2007, 2009, 2011, 2013, and 2015 was calculated by using NCVS incident variables appended to the SCS data files of the same year. The NCVS type of crime variable was used to classify victimizations of students in the SCS as serious violent, violent, or theft. The NCVS variables asking where the incident happened (at school) and what the victim was doing when it happened (attending school or on the way to or from school) were used to ascertain whether the incident happened at school. Only incidents that occurred inside the United States are included.

In 2001, the SCS survey instrument was modified from previous collections. In 1995 and 1999, “at school” was defined for respondents as in the school building, on the school grounds, or on a school bus. In 2001, the definition was changed to mean in the school building, on school property, on a school bus, or going to and from school. The change was made to the 2001 questionnaire in order to be consistent with the definition of “at school” as it is constructed in the NCVS; it was also used as the definition for “at school” in subsequent SCS collections. Cognitive interviews conducted by the U.S. Census Bureau on the 1999 SCS suggested that modifications to the definition of “at school” would not have a substantial impact on the estimates.

In terms of the numbers of students participating in the SCS in recent years, 6,300 participated in 2005, 6,500 participated in 2007, 5,000 participated in 2009, 6,500 in 2011, 5,700 in 2013, and 4,700 in 2015.

In the 2005, 2007, 2009, 2011, 2013, and 2015 SCS, the household completion rates were 91 percent, 90 percent, 92 percent, 91 percent, 86 percent, and 83 percent, respectively, and the student completion rates were 62 percent, 58 percent, 56 percent, 63 percent, 60 percent, and 58 percent, respectively. The overall SCS unit response rates (calculated by multiplying the household completion rate by the student completion rate) were about 56 percent in 2005, 53 percent in 2007, 51 percent in 2009, 57 percent in 2011, 51 percent in 2013, and 48 percent in 2015. (Starting in 2011, overall SCS unit response rates are weighted.)

There are two types of nonresponse: unit and item nonresponse. NCES requires that any stage of data collection within a survey that has a unit base-weighted response rate of less than 85 percent be evaluated for the potential magnitude of unit nonresponse bias before the data or any analysis using the data may be released (NCES Statistical Standards, 2002, at [https://nces.ed.gov/statprog/2002/std4\\_4.asp](https://nces.ed.gov/statprog/2002/std4_4.asp)). Due to the low unit response rate in 2005, 2007, 2009, 2011, 2013, and 2015, a unit nonresponse bias analysis was done. Unit response rates indicate how many sampled units have completed interviews. Because interviews with students could only be completed after households had responded to

the NCVS, the unit completion rate for the SCS reflects both the household interview completion rate and the student interview completion rate. Nonresponse can greatly affect the strength and application of survey data by leading to an increase in variance as a result of a reduction in the actual size of the sample and can produce bias if the nonrespondents have characteristics of interest that are different from the respondents.

In order for response bias to occur, respondents must have different response rates and responses to particular survey variables. The magnitude of unit nonresponse bias is determined by the response rate and the differences between respondents and nonrespondents on key survey variables. Although the bias analysis cannot measure response bias since the SCS is a sample survey and it is not known how the population would have responded, the SCS sampling frame has four key student or school characteristic variables for which data are known for respondents and nonrespondents—namely, sex, race/ethnicity, household income, and urbanicity—all of which are associated with student victimization. To the extent that there are differential responses by respondents in these groups, nonresponse bias is a concern.

In 2005, the analysis of unit nonresponse bias found evidence of bias for the race, household income, and urbanicity variables. White (non-Hispanic) and Other (non-Hispanic) respondents had higher response rates than Black (non-Hispanic) and Hispanic respondents. Respondents from households with an income of \$35,000–\$49,999 and \$50,000 or more had higher response rates than those from households with incomes of less than \$7,500, \$7,500–\$14,999, \$15,000–\$24,999, and \$25,000–\$34,999. Respondents who live in urban areas had lower response rates than those who live in rural or suburban areas. Although the extent of nonresponse bias cannot be determined, weighting adjustments, which corrected for differential response rates, should have reduced the problem.

In 2007, the analysis of unit nonresponse bias found evidence of bias by the race/ethnicity and household income variables. Hispanic respondents had lower response rates than respondents of other races/ethnicities. Respondents from households with an income of \$25,000 or more had higher response rates than those from households with incomes of less than \$25,000. However, when responding students are compared to the eligible NCVS sample, there were no measurable differences between the responding students and the eligible students, suggesting that the nonresponse bias has little impact on the overall estimates.

In 2009, the analysis of unit nonresponse bias found evidence of potential bias for the race/ethnicity and urbanicity variables. White students and students of other races/ethnicities had higher response rates than did Black and Hispanic respondents. Respondents from households located in rural areas had higher response rates than those from households located in urban areas. However, when responding students are compared to the eligible NCVS sample, there were no measurable differences between the responding students and the eligible students, suggesting that the nonresponse bias has little impact on the overall estimates.

In 2011, the analysis of unit nonresponse bias found evidence of potential bias for the age variable. Respondents 12 to 17 years old had higher response rates than did

18-year-old respondents in the NCVS and SCS interviews. Weighting the data adjusts for unequal selection probabilities and for the effects of nonresponse. The weighting adjustments that correct for differential response rates are created by region, age, race, and sex, and should have reduced the effect of nonresponse.

In 2013, the analysis of unit nonresponse bias found evidence of potential bias for the age variable in the SCS respondent sample. Students age 14 and those from the western region showed percentage bias exceeding 5 percent; however, both subgroups had the highest response rate in their respective categories. All other subgroups evaluated showed less than 1 percent nonresponse bias and had between 0.3 and 2.6 percent difference between the response population and the eligible population.

In the 2015 SCS, evidence of potential nonresponse bias was found in the race, urbanicity, region, and age subgroups. In addition, respondents in the age 14 and rural subgroups had significantly higher nonresponse bias estimates compared to other age and urbanicity subgroups, while respondents who were Asian and respondents who were from the Northeast had significantly lower response bias estimates compared to other race and region subgroups. Thus, the analysis indicates that there are significant nonresponse biases in the 2015 SCS data and that caution should be used when comparing responses among subgroups in the SCS.

For most survey items in most years of the SCS survey, however, response rates have been high—typically over 97 percent of all eligible respondents, meaning there is little potential for item nonresponse bias for most items in the survey. Weights have been developed to compensate for differential probabilities of selection and nonresponse. The weighted data permit inferences about the eligible student population who were enrolled in schools in all SCS data years.

Further information about the SCS may be obtained from

Rachel Hansen  
Cross-Sectional Surveys Branch  
Sample Surveys Division  
National Center for Education Statistics  
550 12th Street SW  
Washington, DC 20202  
[rachel.hansen@ed.gov](mailto:rachel.hansen@ed.gov)  
<https://nces.ed.gov/programs/crime/>

### **Federal Bureau of Investigation**

The Federal Bureau of Investigation (FBI) collects statistics on crimes from law enforcement agencies throughout the country through the Uniform Crime Reporting (UCR) Program. The UCR Program was conceived in 1929 by the International Association of Chiefs of Police to meet a need for reliable, uniform crime statistics for the nation. In 1930, the FBI was tasked with collecting, publishing, and archiving those statistics. Today, several annual statistical publications, such as the comprehensive *Crime in the United States* (CIUS), are produced from data provided by over 18,000 law enforcement agencies across the United States. CIUS is an annual publication in which the FBI compiles the volume and rate of crime offenses for the nation, the states,

and individual agencies. This report also includes arrest, clearance, and law enforcement employee data.

For more information on the UCR Program, see <https://ucr.fbi.gov/ucr>.

### **Supplementary Homicide Reports**

Supplementary Homicide Reports (SHR) are a part of the Uniform Crime Reporting (UCR) program of the Federal Bureau of Investigation (FBI). These reports provide incident-level information on criminal homicides, including situation type (e.g., number of victims, number of offenders, and whether offenders are known); the age, sex, and race of victims and offenders; the weapon used; circumstances of the incident; and the relationship of the victim to the offender. The data are provided monthly to the FBI by local law enforcement agencies participating in the UCR program. The data include murders and nonnegligent manslaughters in the United States; thus, negligent manslaughters and justifiable homicides have been eliminated from the data.

About 90 percent of homicides are included in the SHR program. However, adjustments can be made to the weights to correct for missing victim reports. Estimates from the SHR program used in this report were generated by the Bureau of Justice Statistics (BJS).

Further information on the SHR program may be obtained from

Criminal Justice Information Services Division  
Federal Bureau of Investigation  
Module D3  
1000 Custer Hollow Road  
Clarksburg, WV 26306  
(304) 625-4995  
[crimestatsinfo@fbi.gov](mailto:crimestatsinfo@fbi.gov)

### **Institute of Museum and Library Statistics**

On October 1, 2007, the administration of the Public Libraries Survey (PLS) and the State Library Agencies (StLA) Survey was transferred from the National Center for Education Statistics to the Institute of Museum and Library Statistics (IMLS).

### **IMLS Library Statistics**

Public library statistics are collected annually using the PLS and disseminated annually through the Federal-State Cooperative System (FSCS) for Public Library Data. Descriptive statistics are produced for over 9,000 public libraries. The PLS includes information about staffing; operating income and expenditures; type of governance; type of administrative structure; size of collection; and service measures such as reference transactions, public service hours, interlibrary loans, circulation, and library visits. In the FSCS, respondents supply the information electronically, and data are edited and tabulated in machine-readable form.

PLS respondents are public libraries identified by state administrative library agencies in the 50 states, the District of Columbia, and certain U.S. territories. At the state level,

FSCS is administered by State Data Coordinators, who are appointed by the chief officer of each state library agency. The State Data Coordinator collects the requested data from local public libraries. The 50 states, District of Columbia, and territories submit data for individual public libraries, which are aggregated to state and national levels.

From 1994 through 2006, NCES conducted the StLA Survey for the 50 states and the District of Columbia. From 2006 to the present, the survey has been released by IMLS (since 2012, it has been known as the State Library Administrative Agency [SLAA] Survey). A state library agency is the official agency of a state that is charged by state law with the extension and development of public library services throughout the state and that has adequate authority under state law to administer state plans in accordance with the provisions of the Library Services and Technology Act (LSTA) of 2003.

Further information on these library surveys can be obtained from

Institute of Museum and Library Services  
Office of Policy, Planning, Research, and Communication  
Research and Statistics Division  
955 L'Enfant Plaza North SW  
Washington, DC 20024-2135  
[imlsinfo@imls.gov](mailto:imlsinfo@imls.gov)  
<https://www.imls.gov/>

## National Institute on Drug Abuse

### *Monitoring the Future Survey*

The National Institute on Drug Abuse of the U.S. Department of Health and Human Services is the primary supporter of the long-term study titled “Monitoring the Future: A Continuing Study of American Youth,” conducted by the University of Michigan Institute for Social Research. One component of the study deals with student drug abuse. Results of the national sample survey have been published annually since 1975. With the exception of 1975, when about 9,400 students participated in the survey, the annual samples comprise roughly 16,000 students in 150 public and private schools. Students complete self-administered questionnaires given to them in their classrooms by University of Michigan personnel. Each year, 8th-, 10th-, and 12th-graders are surveyed (12th-graders since 1975, and 8th- and 10th-graders since 1991). The 8th- and 10th-grade surveys are anonymous, while the 12th-grade survey is confidential. The 10th-grade samples involve about 17,000 students in 140 schools each year, while the 8th-grade samples have approximately 18,000 students in about 150 schools. In all, approximately 50,000 students from about 420 public and private secondary schools are surveyed annually. Approximately 90 percent of 8th-grade students, 88 percent of 10th-grade students, and 80 percent of 12th-grade students surveyed participated in the study in 2016. Beginning with the class of 1976, a randomly selected sample from each senior class has been followed in the years after high school on a continuing basis.

Understandably, there is some reluctance to admit illegal activities. Also, students who are out of school on the day of the survey are nonrespondents, and the survey does not include high school dropouts. The inclusion of absentees and dropouts would tend to increase the proportion of individuals who had used drugs. A 1983 study found that the inclusion of absentees could increase some of the drug usage estimates by as much as 2.7 percentage points. (Details on that study and its methodology were published in *Drug Use Among American High School Students, College Students, and Other Young Adults*, by L.D. Johnston, P.M. O'Malley, and J.G. Bachman, available from the National Clearinghouse on Drug Abuse Information, 5600 Fishers Lane, Rockville, MD 20857.)

The 2017 Monitoring the Future survey involved about 43,700 8th-, 10th-, and 12th-grade students in 360 secondary schools nationwide. The first published results were presented in *Monitoring the Future, National Results on Drug Use, 1975–2017: Overview, Key Findings on Adolescent Drug Use*, at <http://www.monitoringthefuture.org/pubs/monographs/mtf-overview2017.pdf>.

Further information on the Monitoring the Future drug abuse survey may be obtained from

National Institute on Drug Abuse  
Division of Epidemiology, Services and  
Prevention Research  
6001 Executive Boulevard  
Bethesda, MD 20892  
[mtfinformation@umich.edu](mailto:mtfinformation@umich.edu)  
<http://www.monitoringthefuture.org>

## National Science Foundation

### *Survey of Federal Funds for Research and Development*

The annual Survey of Federal Funds for Research and Development is the primary source of information about federal funding for research and development in the United States. It is used by policymakers in the executive and legislative branches of the federal government in determining policies, laws, and regulations affecting science; it is also used by those who follow science trends in every sector of the economy, including university administrators and professors, economic and political analysts, research and development managers inside and outside the government, the science press, and leading members of the science community in the United States and around the world.

The survey's target population consists of the federal agencies that conduct research and development programs, which are identified from information in the President's budget submitted to Congress. In the survey cycle for data collection on fiscal years 2015–17, a total of 28 federal agencies (15 federal departments and 13 independent agencies) reported research and development data. Because multiple subdivisions of a federal department were requested to complete the survey in some cases, there were 74 individual respondents.

Federal funds data, as collected, span 3 government fiscal years: the fiscal year just completed, the current fiscal year, and the next fiscal year. Actual data are collected for the year just completed; estimates are obtained for the current fiscal year and the next fiscal year.

The data are collected and managed online; this system was designed to help improve survey reporting by offering respondents direct online reporting and editing.

The federal funds survey has an unweighted response rate of 100 percent with no known item nonresponse. The information included in this survey has been stable since fiscal year 1973, when federal obligations for research to universities and colleges by agency and detailed science and engineering fields were added to the survey.

Further information on federal funds for research and development may be obtained from

Christopher Pece  
Project Officer  
Research and Development Statistics Program  
National Center for Science and Engineering Statistics  
National Science Foundation  
2415 Eisenhower Avenue  
Alexandria, VA 22314  
[cpece@nsf.gov](mailto:cpece@nsf.gov)  
<https://www.nsf.gov/statistics/srvyfedfunds/>

### **Survey of Earned Doctorates**

The Survey of Earned Doctorates (SED) has collected basic statistics from the universe of doctoral recipients in the United States each year since 1957. It is supported by six federal agencies: the National Science Foundation, National Institutes of Health, U.S. Department of Education, U.S. Department of Agriculture, National Endowment for the Humanities, and National Aeronautics and Space Administration.

With the assistance of institutional coordinators at each doctorate-awarding institution, a survey form or web link is distributed to each person completing the requirements for a research doctorate. Of the 54,904 persons receiving research doctorates granted in 2016, approximately 92 percent responded to the survey. The survey questionnaire obtains information on sex, race/ethnicity, marital status, citizenship, disabilities, dependents, specialty field of doctorate, educational institutions attended, time spent in completion of doctorate, financial support, education debt, postgraduation plans, and educational attainment of parents.

Further information on the Survey of Earned Doctorates may be obtained from

Kelly Kang  
Project Officer  
Human Resources Statistics Program  
National Center for Science and Engineering Statistics  
National Science Foundation  
2415 Eisenhower Avenue  
Alexandria, VA 22314  
[kkang@nsf.gov](mailto:kkang@nsf.gov)  
<https://www.nsf.gov/statistics/srvydoctorates/>

### **Survey of Graduate Students and Postdoctorates in Science and Engineering**

The Survey of Graduate Students and Postdoctorates in Science and Engineering, also known as the graduate student survey (GSS), is an annual survey of all U.S. academic institutions granting research-based master's degrees or doctorates in science, engineering, or selected health fields. Sponsored by the National Science Foundation and the National Institutes of Health, the survey collects counts of enrolled graduate students, postdoctoral researchers, and other doctorate-holding nonfaculty researchers at these institutions by demographics and other characteristics, such as source of financial support. Results are used to assess shifts in graduate enrollment, postdoctoral researcher and nonfaculty researcher appointments, and trends in financial support.

Data collection for the 2016 GSS began in fall 2016. The 2016 survey universe consisted of 415 doctorate-granting and 299 master's-granting institutions, for a total of 714 institutions. There were 828 schools affiliated with these institutions: 529 at doctorate-granting institutions and 299 at master's-granting institutions.

New procedures to improve coverage of GSS-eligible units were introduced in the 2007 survey cycle and were continued in subsequent cycles. Increased emphasis was given to updating the unit list by providing an exhaustive list of GSS-eligible programs within existing GSS fields. In previous years, only a representative list was provided for each GSS field, which may have resulted in not reporting all eligible units. The set of GSS-eligible fields was also modified. Due to these changes, data for 2007 and later years are not directly comparable with data from previous years.

More recently, the survey universe was modified in 2014 to include 151 new institutions and exclude 2 for-profit institutions; these changes were the result of a comprehensive frame evaluation study conducted from 2010 to 2013 and the annual frame evaluation conducted in the 2013–14 cycle. In 2015 and 2016, some institutions became newly eligible for GSS, some became ineligible, some changed GSS degree-granting status, and some merged. As a result of these changes, the total number of institutions included in the GSS increased from 706 in 2014 to 714 in 2016.

Further information on the Survey of Graduate Students and Postdoctorates in Science and Engineering may be obtained from

Mike Yamaner  
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Human Resources Statistics Program  
National Center for Science and Engineering Statistics  
National Science Foundation  
2415 Eisenhower Avenue  
Alexandria, VA 22314  
[myamaner@nsf.gov](mailto:myamaner@nsf.gov)  
<https://www.nsf.gov/statistics/srvygradpostdoc/>

## Substance Abuse and Mental Health Services Administration

### *National Survey on Drug Use and Health*

Conducted by the federal government since 1971 (annually since 1991), the National Survey on Drug Use and Health (NSDUH) is a survey of the civilian, noninstitutionalized population of the United States age 12 or older. It is the primary source of information on the prevalence, patterns, and consequences of alcohol, tobacco, and illegal drug use and abuse. The survey collects data by administering questionnaires to a representative sample of the population (since 1999, the NSDUH interview has been carried out using computer-assisted interviewing). NSDUH collects information from residents of households, noninstitutional group quarters, and civilians living on military bases. The main results of the NSDUH present national estimates of rates of use, numbers of users, and other measures related to illicit drugs, alcohol, and tobacco products.

Prior to 2002, the survey was called the National Household Survey on Drug Abuse (NHSDA). The 2002 update of the survey's name coincided with improvements to the survey. In light of these improvements, NSDUH data from 2002 and later should not be compared with NHSDA data from 2001 and earlier as a method of assessing changes in substance use over time.

The 2005 NSDUH was the first in a coordinated 5-year sample design providing estimates for all 50 states and the District of Columbia for the years 2005 through 2009. Because the 2005 design enables estimates to be developed by state, states may be viewed as the first level of stratification, as well as a reporting variable.

In the 2016 NSDUH, screening was completed at 135,188 addresses, and 67,942 completed interviews were obtained: 17,109 interviews from adolescents ages 12 to 17 and 50,833 interviews from adults age 18 and over. Weighted response rates for household screening and for interviewing were 77.9 and 68.4 percent, respectively, for an overall response rate of 53.3 percent for persons age 12 and over. The weighted interview response rates were 77.0 percent for adolescents and 67.6 percent for adults.

Further information on the NSDUH may be obtained from

SAMHSA  
Center for Behavioral Health Statistics and Quality  
5600 Fishers Lane  
Rockville, MD 20857  
<https://www.samhsa.gov/data/>

## Other Organization Sources

### ACT

#### *ACT assessment*

The ACT assessment is designed to measure educational development in the areas of English, mathematics, social studies, and natural sciences. The assessment is taken by college-bound high school students and by all graduating

seniors in Colorado and Illinois. The test results are used to predict how well students might perform in college.

Prior to the 1984–85 school year, national norms were based on a 10 percent sample of the students taking the test. Since then, national norms have been based on the test scores of all students taking the test. Beginning with 1984–85, these norms have been based on the most recent ACT scores available from students scheduled to graduate in the spring of the year. Duplicate test records are no longer used to produce national figures.

Separate ACT standard scores are computed for English, mathematics, science reasoning, and, as of October 1989, reading. ACT standard scores are reported for each subject area on a scale from 1 to 36. In 2017, the national composite score (the simple average of the four ACT standard scores) was 21.0, with a standard deviation of 5.6. The tests emphasize reasoning, analysis, problem solving, and the integration of learning from various sources, as well as the application of these proficiencies to the kinds of tasks college students are expected to perform.

It should be noted that graduating students who take the ACT assessment are not necessarily representative of graduating students nationally. Students who live in the Midwest, Rocky Mountains, Plains, and South are overrepresented among ACT-tested students as compared to graduating students nationally. Students in these areas often aspire to public colleges and universities, which in these jurisdictions require the ACT assessment more often than the SAT test.

Further information on the ACT may be obtained from

ACT  
500 ACT Drive  
Iowa City, IA 52243  
(319) 337-1270  
<https://www.act.org/>

## The College Board

### *Advanced Placement Exam*

The Advanced Placement (AP) program is a curriculum sponsored by the College Board that offers high school students the opportunity to take college-level courses in a high school setting. A student taking an AP course in high school can earn college credit for participation by attaining a certain minimum score on the AP exam in that subject area.

The AP program offers 38 courses and exams. In most cases, the College Board does not require students to take an AP course before taking an AP exam. AP exams are given in the first two weeks in May. Most of the exams take 2 to 3 hours to complete. The scores for all AP exams range from 1 to 5, with 5 being the highest score.

### SAT

The Admissions Testing Program of the College Board is made up of a number of college admissions tests, including the Preliminary Scholastic Assessment Test (PSAT) and the Scholastic Assessment Test, now known as the SAT. High school students participate in the testing program as sophomores,

juniors, or seniors—some more than once during these three years. If they have taken the tests more than once, only the most recent scores are tabulated. The PSAT and SAT report subscores in the areas of mathematics and verbal ability.

Each year, approximately 1½ million students take the SAT examination. SAT results are not representative of high school students or college-bound students nationally, however, since the sample is self-selected (i.e., taken by students who need the results to apply to a particular college or university). In addition, public colleges in many states—particularly those in the Midwest, parts of the South, and the West—require ACT scores rather than SAT scores; thus, the proportion of students taking the SAT in these states is very low and is inappropriate for comparison. The current version of the SAT, which includes an optional writing component among other content, format, and scoring changes, was first administered in March 2016.

Further information on AP and the SAT may be obtained from

The College Board National Office  
250 Vesey Street  
New York, NY 10281  
<https://www.collegeboard.org/>

## Commonfund Institute

### *Higher Education Price Index*

Commonfund Institute took over management of the Higher Education Price Index (HEPI) in 2005 from Research Associates of Washington, which originated the index in 1961. HEPI is an inflation index designed specifically to track the main cost drivers in higher education. It measures the average relative level of prices in a fixed basket of goods and services purchased each year by colleges and universities through current fund educational and general expenditures, excluding research.

The main components of HEPI are faculty salaries; administrative salaries; clerical salaries; service employee salaries; fringe benefits; miscellaneous services; supplies and materials; and utilities. These represent the major items purchased for current operations by colleges and universities. Prices for these items are obtained from salary surveys conducted by the American Association of University Professors, the College and University Professional Association for Human Resources, and the Bureau of Labor Statistics (BLS), as well as from price series for components of BLS's Consumer Price Index (CPI), Employment Cost Index (ECI), and Producer Price Index (PPI).

HEPI measures price levels from a designated reference year in which budget weights are assigned. This base year is FY 1983 and is assigned a price value of 100.0 for index compilation. An index value of 115.0, for example, represents a 15 percent price increase over 1983 values.

Further information on HEPI may be obtained from

Commonfund Institute  
15 Old Danbury Road  
Wilton, CT 06897  
<https://www.commonfund.org/commonfund-institute/higher-education-price-index-hepi>

## Council for Aid to Education

### *Survey of Voluntary Support of Education*

The Council for Aid to Education, Inc. (CAE) is a nonprofit corporation funded by contributions from businesses. CAE largely provides consulting and research services to corporations and information on voluntary support services to education institutions. Each year, CAE conducts a survey of colleges and universities and private elementary and secondary schools to obtain information on the amounts, sources, and purposes of private gifts, grants, and bequests received during the academic year.

The annual Voluntary Support of Education (VSE) survey consistently captures about 85 percent of the total voluntary support to colleges and universities in the United States. Institutional reports of voluntary support data from the VSE survey are more comprehensive and detailed than the related data in the Integrated Postsecondary Education Data System (IPEDS) Finance survey conducted by NCES.

The VSE survey is conducted online. All accredited higher education institutions are eligible to participate, and about a quarter of these institutions fill out a survey each year. CAE reviews the survey forms for internal consistency, queries institutions whose data appear out of line with national trends or their own historical data, and makes an effort to clean the data before preparing a computerized database of the results.

Individual institutions and several state systems of higher education use the VSE data to monitor and analyze their fundraising results. CAE uses the data to develop national estimates of giving to education and to report in detail on private support of education. Results from the VSE survey are available by subscription to VSE Data Miner, an online interactive database; they are also published in the annual report *Voluntary Support of Education*, which may be purchased from CAE.

Further information on the VSE survey may be obtained from

Ann Kaplan  
Council for Aid to Education  
215 Lexington Avenue  
16th Floor  
New York, NY 10016  
[vse@cae.org](mailto:vse@cae.org)  
<https://cae.org/>

## Council of Chief State School Officers

### *State Education Indicators*

The Council of Chief State School Officers (CCSSO) is a nonpartisan, nationwide, nonprofit organization of the public officials who head departments of public education in the 50 states, the District of Columbia, the Department of Defense dependents schools, the Bureau of Indian Education, Puerto Rico, American Samoa, Guam, the Northern Mariana Islands, and the U.S. Virgin Islands. The CCSSO

State Education Indicators project provides leadership in developing a system of state-by-state indicators of the condition of K–12 education. Indicator activities include collecting and reporting statistical indicators by state, tracking state policy changes, assisting with accountability systems, and conducting analysis of trends in education. *Key State Education Policies on PK–12 Education* is one of the publications issued by the State Education Indicators project. It is intended to inform policymakers and educators about the current status of key education policies that define and shape elementary and secondary education in the nation’s public schools. State education staff reported on current policies through a survey, and CCSSO staff collected additional assessment information through state websites.

Further information on CCSSO publications may be obtained from

State Education Indicators Program  
Standards, Assessment, and Accountability  
Council of Chief State School Officers  
1 Massachusetts Avenue NW  
Suite 700  
Washington, DC 20001  
<https://ccsso.org/>

## Editorial Projects in Education

### *Education Week*

Editorial Projects in Education is an independent, non-profit publisher of *Education Week* and other print and online products on K–12 education.

Further information on Editorial Projects in Education publications may be obtained from

Editorial Projects in Education  
6935 Arlington Road  
Bethesda, MD 20814  
<https://www.edweek.org/info/about/>

## Education Commission of the States

### *StateNotes*

Education Commission of the States (ECS) regularly issues compilations, comparisons, and summaries of state policies—enacted or pending—on a number of education issues, including high school graduation requirements and school term information. ECS monitors state education activities for changes in education policies and updates ECS state information accordingly.

Further information on ECS StateNotes may be obtained from

Education Commission of the States  
700 Broadway, #810  
Denver, CO 80203-3442  
[ecs@ecs.org](mailto:ecs@ecs.org)  
<https://www.ecs.org/>

## GED Testing Service

GED Testing Service is a joint venture, begun in 2011, between the American Council on Education (ACE) and Pearson. A GED credential documents high school-level academic skills. The test was first administered to World War II veterans in 1942 and was subsequently administered to civilians beginning in 1947. The first four generations of the GED test were the original GED test released in 1942, the 1978 series, the 1988 series, and the 2002 series. In 2014, a new test was implemented. A comparison of the 2014 GED test and the 2002 series test is available at <https://files.eric.ed.gov/fulltext/ED578900.pdf>.

The annual *GED Testing Program Statistical Report* provides information on those who take the GED, performance statistics of GED test takers, and some historical background on the GED testing program.

It is important to note that attempting to make comparisons in GED testing across jurisdictions is problematic, since each jurisdiction manages its own GED testing program. Thus, each jurisdiction develops its own policies, and these policies are reflected in a jurisdiction’s testing program outcomes (its pass rates, for instance).

Further information on the GED may be obtained from

GED Testing Service  
1919 M Street NW  
Suite 600  
Washington, DC 20036  
<https://ged.com/>

## Graduate Record Examinations Board

### *GRE tests*

Graduate Record Examinations (GRE) tests are taken by individuals applying to graduate or professional school. GRE offers two types of tests, the GRE General Test and Subject Tests. The GRE General Test, which is mainly taken via computer, measures verbal, quantitative, and analytical writing skills. The analytical writing section (which replaced the analytical reasoning section on the GRE General Test in 2002) consists of two analytical writing tasks. The Subject Tests measure achievement in biochemistry, cell and molecular biology, biology, chemistry, literature in English, mathematics, physics, and psychology. Each graduate institution (or institution division) determines which GRE tests are required for admission.

Individuals may take GRE tests more than once. Score reports only reflect scores earned within the past 5-year period.

Further information on the GRE may be obtained from

GRE-ETS  
Educational Testing Service  
P.O. Box 6000  
Princeton, NJ 08541  
<https://www.ets.org/gre>

## Institute of International Education

### *Open Doors*

Each year, the Institute of International Education (IIE) conducts a survey of the number of foreign students studying in American colleges and universities and U.S. students studying abroad. The results of these surveys are reported in the publication *Open Doors*. All of the regionally accredited institutions in NCES's Integrated Postsecondary Education Data System (IPEDS) are surveyed by IIE. The foreign student enrollment data presented in the *Digest of Education Statistics* are drawn from IIE surveys that ask U.S. institutions for information on enrollment of foreign students, as well as student characteristics such as country of origin. For the 2015–16 survey, 62.6 percent of the 2,818 institutions surveyed reported data. For 2016–17, 62.3 percent of the 2,821 institutions surveyed reported data.

Surveys on the flows of U.S. college students studying abroad have been conducted since 1985–86. Surveys are sent to U.S. institutions asking them to provide information on the number and characteristics of the students to whom they awarded credit for study abroad during the previous academic year. For the 2014–15 academic year, data were obtained from 1,210, or 66.7 percent, of the 1,814 institutions surveyed; for the 2015–16 academic year, data were obtained from 1,204, or 65.9 percent, of the 1,826 institutions surveyed.

Additional information may be obtained from the publication *Open Doors* or by contacting

Randy Zane  
Institute of International Education–Public Affairs  
809 United Nations Plaza  
New York, NY 10017  
[rzane@iie.org](mailto:rzane@iie.org)  
<https://www.iie.org/en/Research-and-Insights/Open-Doors>

## International Association for the Evaluation of Educational Achievement

The International Association for the Evaluation of Educational Achievement (IEA) is composed of governmental research centers and national research institutions around the world whose aim is to investigate education problems common among countries. Since its inception in 1958, the IEA has conducted more than 30 research studies of cross-national achievement. The regular cycle of studies encompasses learning in basic school subjects. Examples are the Trends in International Mathematics and Science Study (TIMSS) and the Progress in International Reading Literacy Study (PIRLS). IEA projects also include studies of particular interest to IEA members, such as the TIMSS 1999 Video Study of Mathematics and Science Teaching, the Civic Education Study, and studies on information technology in education.

The international bodies that coordinate international assessments vary in the labels they apply to participating education systems, most of which are countries. IEA differentiates between IEA members, which IEA refers to as

“countries” in all cases, and “benchmarking participants.” IEA members include countries such as the United States and Ireland, as well as subnational entities such as England and Scotland (which are both part of the United Kingdom), the Flemish community of Belgium, and Hong Kong (a Special Administrative Region of China). IEA benchmarking participants are all subnational entities and include Canadian provinces, U.S. states, and Dubai in the United Arab Emirates (among others). Benchmarking participants, like the participating countries, are given the opportunity to assess the comparative international standing of their students’ achievement and to view their curriculum and instruction in an international context.

Some IEA studies, such as TIMSS and PIRLS, include an assessment portion, as well as contextual questionnaires for collecting information about students’ home and school experiences. The TIMSS and PIRLS scales, including the scale averages and standard deviations, are designed to remain constant from assessment to assessment so that education systems (including countries and subnational education systems) can compare their scores over time as well as compare their scores directly with the scores of other education systems. Although each scale was created to have a mean of 500 and a standard deviation of 100, the subject matter and the level of difficulty of items necessarily differ by grade, subject, and domain/dimension. Therefore, direct comparisons between scores across grades, subjects, and different domain/dimension types should not be made.

Further information on the International Association for the Evaluation of Educational Achievement may be obtained from <https://www.iea.nl/>.

### *Trends in International Mathematics and Science Study*

The Trends in International Mathematics and Science Study (TIMSS, formerly known as the Third International Mathematics and Science Study) provides data on the mathematics and science achievement of U.S. 4th- and 8th-graders compared with that of their peers in other countries. TIMSS collects information through mathematics and science assessments and questionnaires. The questionnaires request information to help provide a context for student performance. They focus on such topics as students’ attitudes and beliefs about learning mathematics and science, what students do as part of their mathematics and science lessons, students’ completion of homework, and their lives both in and outside of school; teachers’ perceptions of their preparedness for teaching mathematics and science, teaching assignments, class size and organization, instructional content and practices, collaboration with other teachers, and participation in professional development activities; and principals’ viewpoints on policy and budget responsibilities, curriculum and instruction issues, and student behavior. The questionnaires also elicit information on the organization of schools and courses. The assessments and questionnaires are designed to specifications in a guiding framework. The TIMSS framework describes the mathematics and science content to be assessed and provides grade-specific objectives, an overview of the assessment design, and guidelines for item development.

TIMSS is on a 4-year cycle. Data collections occurred in 1995, 1999 (8th grade only), 2003, 2007, 2011, and 2015. TIMSS 2015 consisted of assessments in 4th-grade mathematics; numeracy (a less difficult version of 4th-grade mathematics, newly developed for 2015); 8th-grade mathematics; 4th-grade science; and 8th-grade science. In addition, TIMSS 2015 included the third administration of TIMSS Advanced since 1995. TIMSS Advanced is an international comparative study that measures the advanced mathematics and physics achievement of students in their final year of secondary school (the equivalent of 12th grade in the United States) who are taking or have taken advanced courses. The TIMSS 2015 survey also collected policy-relevant information about students, curriculum emphasis, technology use, and teacher preparation and training.

### ***Progress in International Reading Literacy Study***

The Progress in International Reading Literacy Study (PIRLS) provides data on the reading literacy of U.S. 4th-graders compared with that of their peers in other countries. PIRLS is on a 5-year cycle: PIRLS data collections have been conducted in 2001, 2006, 2011, and 2016. In 2016, a total of 58 education systems, including both IEA members and IEA benchmarking participants, participated in the survey. Sixteen of the education systems participating in PIRLS also participated in ePIRLS, an innovative, computer-based assessment of online reading designed to measure students' approaches to informational reading in an online environment.

PIRLS collects information through a reading literacy assessment and questionnaires that help to provide a context for student performance. Questionnaires are administered to collect information about students' home and school experiences in learning to read. A student questionnaire addresses students' attitudes toward reading and their reading habits. In addition, questionnaires are given to students' teachers and school principals in order to gather information about students' school experiences in developing reading literacy. In countries other than the United States, a parent questionnaire is also administered. The assessments and questionnaires are designed to specifications in a guiding framework. The PIRLS framework describes the reading content to be assessed and provides objectives specific to 4th grade, an overview of the assessment design, and guidelines for item development.

### ***TIMSS and PIRLS Sampling and Response Rates***

#### **2016 PIRLS**

As is done in all participating countries and other education systems, representative samples of students in the United States are selected. The sample design that was employed by PIRLS in 2016 is generally referred to as a two-stage stratified cluster sample. In the first stage of sampling, individual schools were selected with a probability proportionate to size (PPS) approach, which means that the probability is proportional to the estimated number of students enrolled in the

target grade. In the second stage of sampling, intact classrooms were selected within sampled schools.

PIRLS guidelines call for a minimum of 150 schools to be sampled, with a minimum of 4,000 students assessed. The basic sample design of one classroom per school was designed to yield a total sample of approximately 4,500 students per population. About 4,400 U.S. students participated in PIRLS in 2016, joining 319,000 other student participants around the world. Accommodations were not provided for students with disabilities or students who were unable to read or speak the language of the test. These students were excluded from the sample. The IEA requirement is that the overall exclusion rate, of which exclusions of schools and students are a part, should not exceed more than 5 percent of the national desired target population.

In order to minimize the potential for response biases, the IEA developed participation or response rate standards that apply to all participating education systems and govern whether or not an education system's data are included in the TIMSS or PIRLS international datasets and the way in which its statistics are presented in the international reports. These standards were set using composites of response rates at the school, classroom, and student and teacher levels. Response rates were calculated with and without the inclusion of substitute schools that were selected to replace schools refusing to participate. In the 2016 PIRLS administered in the United States, the unweighted school response rate was 76 percent, and the weighted school response rate was 75 percent. All schools selected for PIRLS were also asked to participate in ePIRLS. The unweighted school response rate for ePIRLS in the final sample with replacement schools was 89.0 percent and the weighted response rate was 89.1 percent. The weighted and unweighted student response rates for PIRLS were both 94 percent. The weighted and unweighted student response rates for ePIRLS were both 90 percent.

#### **2015 TIMSS and TIMSS Advanced**

TIMSS 2015 was administered between March and May of 2015 in the United States. The U.S. sample was randomly selected and weighted to be representative of the nation. In order to reliably and accurately represent the performance of each country, international guidelines required that countries sample at least 150 schools and at least 4,000 students per grade (countries with small class sizes of fewer than 30 students per school were directed to consider sampling more schools, more classrooms per school, or both, to meet the minimum target of 4,000 tested students). In the United States, a total of 250 schools and 10,029 students participated in the grade 4 TIMSS survey, and 246 schools and 10,221 students participated in the grade 8 TIMSS (these figures do not include the participation of the state of Florida as a subnational education system, which was separate from and additional to its participation in the U.S. national sample).

TIMSS Advanced, also administered between March and May of 2015 in the United States, required participating countries and other education systems to draw probability samples of students in their final year of secondary school—ISCED Level 3—who were taking or had taken courses in

advanced mathematics or who were taking or had taken courses in physics. International guidelines for TIMSS Advanced called for a minimum of 120 schools to be sampled, with a minimum of 3,600 students assessed per subject. In the United States, a total of 241 schools and 2,954 students participated in advanced mathematics, and 165 schools and 2,932 students participated in physics.

In TIMSS 2015, the weighted school response rate for the United States was 77 percent for grade 4 before the use of substitute schools (schools substituted for originally sampled schools that refused to participate) and 85 percent with the inclusion of substitute schools. For grade 8, the weighted school response rate before the use of substitute schools was 78 percent, and it was 84 percent with the inclusion of substitute schools. The weighted student response rate was 96 percent for grade 4 and 94 percent for grade 8.

In TIMSS Advanced 2015, the weighted school response rate for the United States for advanced mathematics was 72 percent before the use of substitute schools and 76 percent with the inclusion of substitute schools. The weighted school response rate for the United States for physics was 65 percent before the use of substitute schools and 68 percent with the inclusion of substitute schools. The weighted student response rate was 87 percent for advanced mathematics and 85 percent for physics. Student response rates are based on a combined total of students from both sampled and substitute schools.

Further information on the TIMSS study may be obtained from

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[stephen.provasnik@ed.gov](mailto:stephen.provasnik@ed.gov)  
<https://nces.ed.gov/timss/>  
<https://www.iea.nl/timss>

Further information on the PIRLS study may be obtained from

Sheila Thompson  
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[sheila.thompson@ed.gov](mailto:sheila.thompson@ed.gov)  
<https://nces.ed.gov/surveys/pirls/>  
<https://www.iea.nl/pirls>

## National Association of State Directors of Teacher Education and Certification

### *NASDTEC Manual/KnowledgeBase*

The National Association of State Directors of Teacher Education and Certification (NASDTEC) was organized in 1928 to represent professional standards boards and commissions and state departments of education that are responsible

for the preparation, licensure, and discipline of educational personnel. Currently, NASDTEC's membership includes all 50 states, the District of Columbia, the U.S. Department of Defense dependents schools, U.S. territories, and Canadian provinces and territories.

The NASDTEC Manual on the Preparation and Certification of Educational Personnel was printed between 1984 and 2004, when it was replaced by an online publication, KnowledgeBase. KnowledgeBase is an expanded version of the Manual and is recognized as a comprehensive source of state-by-state information pertaining to the preparation, certification, and fitness of teachers and other school personnel in the United States and Canada.

Further information on KnowledgeBase may be obtained from

Phillip S. Rogers  
Executive Director  
NASDTEC  
1629 K Street NW  
Suite 300  
Washington, DC 20006  
[philrogers@nasdtec.com](mailto:philrogers@nasdtec.com)  
<https://www.nasdtec.net/default.aspx>

## National Catholic Educational Association

### *The United States Catholic Elementary and Secondary Schools*

The National Catholic Educational Association (NCEA) has been providing leadership and service to Catholic education since 1904. NCEA began to publish *The United States Catholic Elementary and Secondary Schools: Annual Statistical Report on Schools, Enrollment and Staffing* in 1970 in order to fill a need for educational data on the private sector. The report is based on data gathered by all of the archdiocesan and diocesan offices of education in the United States. These data enable NCEA to present information on school enrollment patterns, regional geographic trends, types and locations of schools, student and staffing demographic characteristics, and student participation in selected education programs.

Further information on *The United States Catholic Elementary and Secondary Schools: Annual Statistical Report on Schools, Enrollment, and Staffing* may be obtained from

Sister Dale McDonald  
National Catholic Educational Association  
1005 North Glebe Road  
Suite 525  
Arlington, VA 22201  
[mcdonald@ncea.org](mailto:mcdonald@ncea.org)  
<https://www.ncea.org/>

## National Education Association

### *Estimates of School Statistics*

The National Education Association (NEA) publishes *Estimates of School Statistics* annually as part of the report *Rankings of the States & Estimates of School Statistics*. *Estimates of School Statistics* presents projections of public school enrollment, employment and personnel compensation, and finances, as reported by individual state departments of education. The state-level data in these estimates allow broad assessments of trends in the above areas. These data should be looked at with the understanding that the state-level data do not necessarily reflect the varying conditions within a state on education issues.

Data in *Estimates of School Statistics* are provided by state and District of Columbia departments of education and by other, mostly governmental, sources. Surveys are sent to state departments of education requesting estimated data for the current year and revisions to 4 years of historical data, as necessary. NEA submits current-year estimates of education statistics to each state's department of education for verification or revision each year. The estimates are generated using regression analyses; these regression-generated figures are only used in the report in cases where a state does not provide current data.

Further information on *Estimates of School Statistics* may be obtained from

NEA Rankings & Estimates Team—NEA Research  
1201 16th Street NW  
Washington, DC 20036  
<https://www.nea.org>

## Organization for Economic Cooperation and Development

The Organization for Economic Cooperation and Development (OECD) publishes analyses of national policies and survey data in education, training, and economics in OECD and partner countries. Newer studies include student survey data on financial literacy and on digital literacy.

### *Education at a Glance*

To highlight current education issues and create a set of comparative education indicators that represent key features of education systems, OECD initiated the Indicators of Education Systems (INES) project and charged the Centre for Educational Research and Innovation (CERI) with developing the cross-national indicators for it. The development of these indicators involved representatives of the OECD countries and the OECD Secretariat. Improvements in data quality and comparability among OECD countries have resulted from the country-to-country interaction sponsored through the INES project. The most recent publication in this series is *Education at a Glance 2017: OECD Indicators*.

*Education at a Glance 2017* features data on the 35 OECD countries (Australia, Austria, Belgium, Canada, Chile, the

Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Israel, Italy, Japan, the Republic of Korea, Latvia, Luxembourg, Mexico, the Netherlands, New Zealand, Norway, Poland, Portugal, the Slovak Republic, Slovenia, Spain, Sweden, Switzerland, Turkey, the United Kingdom, and the United States) and a number of partner countries, including Argentina, Brazil, China, Colombia, Costa Rica, India, Indonesia, Lithuania, the Russian Federation, Saudi Arabia, and South Africa.

The *OECD Handbook for Internationally Comparative Education Statistics: Concepts, Standards, Definitions, and Classifications* provides countries with specific guidance on how to prepare information for OECD education surveys; facilitates countries' understanding of OECD indicators and their use in policy analysis; and provides a reference for collecting and assimilating educational data. Chapter 6 of the *OECD Handbook for Internationally Comparative Education Statistics* contains a discussion of data quality issues. Users should examine footnotes carefully to recognize some of the data limitations.

Further information on international education statistics may be obtained from

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Director for the Directorate of Education and Skills  
and Special Advisor on Education Policy  
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OECD Directorate for Education and Skills  
2, rue André Pascal  
75775 Paris CEDEX 16  
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[andreas.schleicher@oecd.org](mailto:andreas.schleicher@oecd.org)  
<https://www.oecd.org/>

### *Online Education Database (OECD.Stat)*

The statistical online platform of the OECD, OECD.Stat, allows users to access OECD's databases for OECD member countries and selected nonmember economies. A user can build tables using selected variables and customizable table layouts, extract and download data, and view metadata on methodology and sources.

Data for educational attainment in this report are pulled directly from OECD.Stat. (Information on these data can be found in chapter A, indicator A1 of annex 3 in *Education at a Glance 2017* and accessed at <https://www.oecd.org/education/skills-beyond-school/EAG2017-Annex-3.pdf>.) However, to support statistical testing, standard errors for some countries had to be estimated and therefore may differ from those published on OECD.Stat. NCES calculated standard errors for all data years for the United States. Standard errors for 2016 for Canada, the Republic of Korea, the Netherlands, Poland, Slovenia, and Turkey, as well as standard errors for the 2016 postsecondary educational attainment data for Japan, were estimated by NCES using a simple random sample assumption. These standard errors are likely to be lower than standard errors that take into account complex sample designs. Lastly, NCES estimated the standard errors for the OECD average using the sum of squares technique.

OECD.Stat can be accessed at <https://stats.oecd.org/>. A user's guide for OECD.Stat can be accessed at [https://stats.oecd.org/Content/themes/OECD/static/help/WBOS%20User%20Guide%20\(EN\).pdf](https://stats.oecd.org/Content/themes/OECD/static/help/WBOS%20User%20Guide%20(EN).pdf).

## **Program for International Student Assessment**

The Program for International Student Assessment (PISA) is a system of international assessments organized by the Organization for Economic Cooperation and Development (OECD), an intergovernmental organization of industrialized countries, that focuses on 15-year-olds' capabilities in reading literacy, mathematics literacy, and science literacy. PISA also includes measures of general, or cross-curricular, competencies such as learning strategies. PISA emphasizes functional skills that students have acquired as they near the end of compulsory schooling.

PISA is a 2-hour exam. Assessment items include a combination of multiple-choice questions and open-ended questions that require students to develop their own response. PISA scores are reported on a scale that ranges from 0 to 1,000, with the OECD mean set at 500 and a standard deviation set at 100. In 2015, literacy was assessed in science, reading, and mathematics through a computer-based assessment in the majority of countries, including the United States. Education systems could also participate in optional pencil-and-paper financial literacy assessments and computer-based mathematics and reading assessments. In each education system, the assessment is translated into the primary language of instruction; in the United States, all materials are written in English.

Forty-three education systems participated in the 2000 PISA; 41 education systems participated in 2003; 57 (30 OECD member countries and 27 nonmember countries or education systems) participated in 2006; and 65 (34 OECD member countries and 31 nonmember countries or education systems) participated in 2009. (An additional nine education systems administered the 2009 PISA in 2010.) In PISA 2012, 65 education systems (34 OECD member countries and 31 nonmember countries or education systems), as well as the states of Connecticut, Florida, and Massachusetts, participated. In the 2015 PISA, 73 education systems (35 OECD member countries and 31 nonmember countries or education systems), as well as the states of Massachusetts and North Carolina and the territory of Puerto Rico, participated.

To implement PISA, each of the participating education systems scientifically draws a nationally representative sample of 15-year-olds, regardless of grade level. In the PISA 2015 national sample for the United States, about 5,700 students from 177 public and private schools were represented. Massachusetts, North Carolina, and Puerto Rico also participated in PISA 2015 as separate education systems. In Massachusetts, about 1,400 students from 48 public schools participated; in North Carolina, about 1,900 students from 54 public schools participated; and in Puerto Rico, about 1,400 students in 47 public and private schools participated.

The intent of PISA reporting is to provide an overall description of performance in reading literacy, mathematics literacy, and science literacy every 3 years, and to provide a more detailed look at each domain in the years when it is the

major focus. These cycles will allow education systems to compare changes in trends for each of the three subject areas over time. In the first cycle, PISA 2000, reading literacy was the major focus, occupying roughly two-thirds of assessment time. For 2003, PISA focused on mathematics literacy as well as the ability of students to solve problems in real-life settings. In 2006, PISA focused on science literacy; in 2009, it focused on reading literacy again; and in 2012, it focused on mathematics literacy. PISA 2015 focused on science, as it did in 2006.

Further information on PISA may be obtained from

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<https://nces.ed.gov/surveys/pisa/>

## **Program for the International Assessment of Adult Competencies**

The Program for the International Assessment of Adult Competencies (PIAAC) is a cyclical, large-scale study that aims to assess and compare the broad range of basic skills and competencies of adults around the world. Developed under the auspices of the Organization for Economic Cooperation and Development (OECD), it is the most comprehensive international survey of adult skills ever undertaken. Adults were surveyed in 24 participating countries in 2012 and in an additional 9 countries in 2014.

PIAAC focuses on what are deemed basic cognitive and workplace skills necessary to adults' successful participation in 21st-century society and in the global economy. Skills assessed include literacy, numeracy, problem solving in technology-rich environments, and basic reading skills. PIAAC measures the relationships between these skills and other characteristics such as individuals' educational background, workplace experiences, and occupational attainment. PIAAC was administered on laptop computers or in paper-and-pencil format. In the United States, the background questionnaire was administered in both English and Spanish, and the cognitive assessment was administered only in English.

The 2012 PIAAC assessment for the United States included a nationally representative probability sample of households. This household sample was selected on the basis of a four-stage, stratified area sample: (1) primary sampling units (PSUs) consisting of counties or groups of contiguous counties; (2) secondary sampling units (referred to as segments) consisting of area blocks; (3) housing units containing households; and (4) eligible persons within households. Person-level data were collected through a screener, a background questionnaire, and the assessment.

Based on the screener data, 6,100 U.S. respondents ages 16 to 65 were selected to complete the 2012 background questionnaire and the assessment; 4,898 actually completed the background questionnaire. Of the 1,202 respondents who did not complete the background questionnaire, 112 were unable to do so because of a literacy-related barrier—either the inability to communicate in English or Spanish or a

mental disability. Twenty others were unable to complete the questionnaire due to technical problems. The final response rate for the background questionnaire, which included respondents who completed it and respondents who were unable to complete it because of a language problem or mental disability, was 82.2 percent weighted. The overall weighted response rate for the household sample—the product of the component response rates—was 70.3 percent.

The 2014 PIAAC supplement repeated the 2012 administration of PIAAC to an additional sample of U.S. adults in order to enhance the 2012 sample. It included a sample of participants from different households in the PSUs from the 2012 sample.

Key to PIAAC's value is its collaborative and international nature. In the United States, NCES has consulted extensively with the Department of Labor in the development of the survey, and staff from both agencies are co-representatives of the United States in PIAAC's international governing body. Internationally, PIAAC has been developed through the collaboration of OECD staff and participating countries' representatives from their ministries or departments of education and labor. Through this cooperative effort, all participating countries follow the quality assurance guidelines set by the OECD consortium and closely follow all agreed-upon standards set for survey design, assessment implementation, and reporting of results.

Further information on PIAAC may be obtained from

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550 12th Street SW  
Washington, DC 20202  
[holly.xie@ed.gov](mailto:holly.xie@ed.gov)  
<https://nces.ed.gov/surveys/piaac/>  
<https://www.oecd.org/skills/piaac/>

## School Bus Fleet

*School Bus Fleet* magazine is a trade publication serving more than 28,000 school transportation professionals in the United States and Canada that provides information on the management and maintenance of school bus fleets operated by public school districts, private schools, Head Start agencies, and child care centers. The readership includes public operators and contract service providers.

Further information on *School Bus Fleet* magazine may be obtained from

School Bus Fleet  
3520 Challenger Street  
Torrance, CA 90503  
[nicole.schlosser@bobit.com](mailto:nicole.schlosser@bobit.com)  
<https://www.schoolbusfleet.com/>

## School Transportation News

*School Transportation News* is a monthly news and feature magazine covering the field of pupil transportation. The publication focuses on school bus and school vehicle safety and reports on transportation-related legislation and environmental issues relating to school transportation. The *School Transportation News* website offers a detailed history of school transportation services in the United States.

Further information about *School Transportation News* may be obtained from

School Transportation News  
P.O. Box 789  
Redondo Beach, CA 90277  
<https://stnonline.com/>

## United Nations Educational, Scientific, and Cultural Organization

### *Statistical Yearbook and Global Education Digest*

The United Nations Educational, Scientific, and Cultural Organization (UNESCO) conducts annual surveys of education statistics of its member countries. Data from official surveys are supplemented by information obtained by UNESCO through other publications and sources. Each year, more than 200 countries reply to the UNESCO surveys. In some cases, estimates are made by UNESCO for particular items, such as world and continent totals. While great efforts are made to make them as comparable as possible, the data still reflect the vast differences among the countries of the world in the structure of education. While there is some agreement about the reporting of primary and secondary data, tertiary-level data (i.e., postsecondary education data) present numerous substantive problems. Some countries report only university enrollment, while other countries report all postsecondary enrollment, including enrollment in vocational and technical schools and correspondence programs. A very high proportion of some countries' tertiary-level students attend institutions in other countries. The member countries that provide data to UNESCO are responsible for their validity. Thus, data for particular countries are subject to nonsampling error as well as possible sampling error. Users should examine footnotes carefully to recognize some of the data limitations. UNESCO publishes the data in reports such as the *Statistical Yearbook* and the *Global Education Digest*.

Further information on the *Statistical Yearbook* and the *Global Education Digest* may be obtained from

UNESCO Institute for Statistics  
C.P. 6128 Succursale Centre-Ville  
Montreal, Quebec, H3C 3J7  
Canada  
<http://uis.unesco.org>

## APPENDIX B

# Definitions

**Academic support** This category of college expenditures includes expenditures for support services that are an integral part of the institution's primary missions of instruction, research, or public service. It also includes expenditures for libraries, galleries, audio/visual services, academic computing support, ancillary support, academic administration, personnel development, and course and curriculum development.

**Achievement gap** See gap.

**Achievement levels, NAEP** Specific achievement levels for each subject area and grade to provide a context for interpreting student performance. At this time they are being used on a trial basis.

**Basic**—denotes partial mastery of the knowledge and skills that are fundamental for proficient work at a given grade.

**Proficient**—represents solid academic performance. Students reaching this level have demonstrated competency over challenging subject matter.

**Advanced**—signifies superior performance.

**Achievement test** An examination that measures the extent to which a person has acquired certain information or mastered certain skills, usually as a result of specific instruction.

**ACT** The ACT (formerly the American College Testing Program) assessment program measures educational development and readiness to pursue college-level coursework in English, mathematics, natural science, and social studies. Student performance on the tests does not reflect innate ability and is influenced by a student's educational preparedness.

**Administrative support staff** Staff whose activities are concerned with support of teaching and administrative duties of the office of the principal or department chairpersons, including clerical staff and secretaries.

**Advanced Placement (AP)** A program of tertiary-level courses and examinations, taught by specially qualified teachers, that provides opportunities for secondary school students to earn undergraduate credits for university courses. The schools and teachers offering AP programs must meet College Board requirements and are monitored by the College Board.

**Agriculture** Courses designed to improve competencies in agricultural occupations. Included is the study of agricultural production, supplies, mechanization and products, agricultural science, forestry, and related services.

**Alternative school** A public elementary/secondary school that serves students whose needs cannot be met in a regular, special education, or vocational school; may provide nontraditional education; and may serve as an adjunct to a regular school. Although alternative schools fall outside the categories of regular, special education, and vocational education, they may provide similar services or curriculum. Some examples of alternative schools are schools for potential dropouts; residential treatment centers for substance abuse (if they provide elementary or secondary education); schools for chronic truants; and schools for students with behavioral problems.

**Appropriation (federal funds)** Budget authority provided through the congressional appropriation process that permits federal agencies to incur obligations and to make payments.

**Appropriation (institutional revenues)** An amount (other than a grant or contract) received from or made available to an institution through an act of a legislative body.

**Associate's degree** A degree granted for the successful completion of a sub-baccalaureate program of studies, usually requiring at least 2 years (or equivalent) of full-time college-level study. This includes degrees granted in a cooperative or work-study program.

**Autism** See Disabilities, children with.

**Autocorrelation** Correlation of the error terms from different observations of the same variable. Also called Serial correlation.

**Auxiliary enterprises** This category includes those essentially self-supporting operations which exist to furnish a service to students, faculty, or staff, and which charge a fee that is directly related to, although not necessarily equal to, the cost of the service. Examples are residence halls, food services, college stores, and intercollegiate athletics.

**Average daily attendance (ADA)** The aggregate attendance of a school during a reporting period (normally a school year) divided by the number of days school is in session during this period. Only days on which the pupils are under the guidance and direction of teachers should be considered days in session.

**Average daily membership (ADM)** The aggregate membership of a school during a reporting period (normally a school year) divided by the number of days school is in session during this period. Only days on which the pupils are under the guidance and direction of teachers should be considered as days in session. The ADM for groups of schools having varying lengths of terms is the average of the ADMs obtained for the individual schools. Membership includes all pupils who are enrolled, even if they do not actually attend.

**Averaged freshman graduation rate (AFGR)** A measure of the percentage of the incoming high school freshman class that graduates 4 years later. It is calculated by taking the number of graduates with a regular diploma and dividing that number by the estimated count of incoming freshman 4 years earlier, as reported through the NCES Common Core of Data (CCD). The estimated count of incoming freshman is the sum of the number of 8th-graders 5 years earlier, the number of 9th-graders 4 years earlier (when current seniors were freshman), and the number of 10th-graders 3 years earlier, divided by 3. The purpose of this averaging is to account for the high rate of grade retention in the freshman year, which adds 9th-grade repeaters from the previous year to the number of students in the incoming freshman class each year. Ungraded students are allocated to individual grades proportional to each state's enrollment in those grades. The AFGR treats students who transfer out of a school or district in the same way as it treats students from that school or district who drop out.

**Bachelor's degree** A degree granted for the successful completion of a baccalaureate program of studies, usually requiring at least 4 years (or equivalent) of full-time college-level study. This includes degrees granted in a cooperative or work-study program.

**Books** Nonperiodical printed publications bound in hard or soft covers, or in loose-leaf format, of at least 49 pages, exclusive of the cover pages; juvenile nonperiodical publications of any length found in hard or soft covers.

**Breusch-Godfrey serial correlation LM test** A statistic testing the independence of errors in least-squares regression against alternatives of first-order and higher degrees of serial correlation. The test belongs to a class of asymptotic tests known as the Lagrange multiplier (LM) tests.

**Budget authority (BA)** Authority provided by law to enter into obligations that will result in immediate or future outlays. It may be classified by the period of availability (1-year,

multiple-year, no-year), by the timing of congressional action (current or permanent), or by the manner of determining the amount available (definite or indefinite).

**Business** Program of instruction that prepares individuals for a variety of activities in planning, organizing, directing, and controlling business office systems and procedures.

**Capital outlay** Funds for the acquisition of land and buildings; building construction, remodeling, and additions; the initial installation or extension of service systems and other built-in equipment; and site improvement. The category also encompasses architectural and engineering services, including the development of blueprints.

**Career/technical education (CTE)** In high school, encompasses occupational education, which teaches skills required in specific occupations or occupational clusters, as well as nonoccupational CTE, which includes family and consumer sciences education (i.e., courses that prepare students for roles outside the paid labor market) and general labor market preparation (i.e., courses that teach general employment skills such as word processing and introductory technology skills).

**Carnegie unit** The number of credits a secondary student received for a course taken every day, one period per day, for a full year; a factor used to standardize all credits indicated on secondary school transcripts across studies.

**Catholic school** A private school over which a Roman Catholic church group exercises some control or provides some form of subsidy. Catholic schools for the most part include those operated or supported by a parish, a group of parishes, a diocese, or a Catholic religious order.

**Central cities** The largest cities, with 50,000 or more inhabitants, in a Metropolitan Statistical Area (MSA). Additional cities within the metropolitan area can also be classified as "central cities" if they meet certain employment, population, and employment/residence ratio requirements.

**Certificate** A formal award certifying the satisfactory completion of a postsecondary education program. Certificates can be awarded at any level of postsecondary education and include awards below the associate's degree level.

**Charter school** A school providing free public elementary and/or secondary education to eligible students under a specific charter granted by the state legislature or other appropriate authority, and designated by such authority to be a charter school.

**City school** See Locale codes.

**Class size** The membership of a class at a given date.

**Classification of Instructional Programs (CIP)** The CIP is a taxonomic coding scheme that contains titles and descriptions of primarily postsecondary instructional programs. It was developed to facilitate NCES' collection and reporting of postsecondary degree completions by major field of study using standard classifications that capture the majority of reportable program activity. It was originally published in 1980 and was revised in 1985, 1990, 2000, and 2010.

**Classification of Secondary School Courses (CSSC)** A modification of the Classification of Instructional Programs used for classifying high school courses. The CSSC contains over 2,200 course codes that help compare the thousands of high school transcripts collected from different schools.

**Classroom teacher** A staff member assigned the professional activities of instructing pupils in self-contained classes or courses, or in classroom situations; usually expressed in full-time equivalents.

**Coefficient of variation (CV)** Represents the ratio of the standard error to the estimate. For example, a CV of 30 percent indicates that the standard error of the estimate is equal to 30 percent of the estimate's value. The CV is used to compare the amount of variation relative to the magnitude of the estimate. A CV of 30 percent or greater indicates that an estimate should be interpreted with caution. For a discussion of standard errors, see Appendix A: Guide to Sources.

**Cohort** A group of individuals who have a statistical factor in common, for example, year of birth.

**Cohort-component method** A method for estimating and projecting a population that is distinguished by its ability to preserve knowledge of an age distribution of a population (which may be of a single sex, race, and Hispanic origin) over time.

**College** A postsecondary school that offers general or liberal arts education, usually leading to an associate's, bachelor's, master's, or doctor's degree. Junior colleges and community colleges are included under this terminology.

**Combined school** A school that encompasses instruction at both the elementary and the secondary levels; includes schools starting with grade 6 or below and ending with grade 9 or above.

**Combined school (2007–08 Schools and Staffing Survey)** A school with at least one grade lower than 7 and at least one grade higher than 8; schools with only ungraded classes are included with combined schools.

**Combined Statistical Area (CSA)** A combination of Core Based Statistical Areas (see below), each of which contains a core with a substantial population nucleus as well as adjacent communities having a high degree of economic and

social integration with that core. A CSA is a region with social and economic ties as measured by commuting, but at lower levels than are found within each component area. CSAs represent larger regions that reflect broader social and economic interactions, such as wholesaling, commodity distribution, and weekend recreation activities.

**Computer science** A group of instructional programs that describes computer and information sciences, including computer programming, data processing, and information systems.

**Constant dollars** Dollar amounts that have been adjusted by means of price and cost indexes to eliminate inflationary factors and allow direct comparison across years.

**Consumer Price Index (CPI)** This price index measures the average change in the cost of a fixed market basket of goods and services purchased by consumers. Indexes vary for specific areas or regions, periods of time, major groups of consumer expenditures, and population groups. The CPI reflects spending patterns for two population groups: (1) all urban consumers and urban wage earners and (2) clerical workers. CPIs are calculated for both the calendar year and the school year using the U.S. All Items CPI for All Urban Consumers (CPI-U). The calendar year CPI is the same as the annual CPI-U. The school year CPI is calculated by adding the monthly CPI-U figures, beginning with July of the first year and ending with June of the following year, and then dividing that figure by 12.

**Consumption** That portion of income that is spent on the purchase of goods and services rather than being saved.

**Control of institutions** A classification of institutions of elementary/secondary or postsecondary education by whether the institution is operated by publicly elected or appointed officials and derives its primary support from public funds (public control) or is operated by privately elected or appointed officials and derives its major source of funds from private sources (private control).

**Core Based Statistical Area (CBSA)** A population nucleus and the nearby communities having a high degree of economic and social integration with that nucleus. Each CBSA includes at least one urban area of 10,000 or more people and one or more counties. In addition to a "central county" (or counties), additional "outlying counties" are included in the CBSA if they meet specified requirements of commuting to or from the central counties.

**Credit** The unit of value, awarded for the successful completion of certain courses, intended to indicate the quantity of course instruction in relation to the total requirements for a diploma, certificate, or degree. Credits are frequently expressed in terms such as "Carnegie units," "semester credit hours," and "quarter credit hours."

**Current dollars** Dollar amounts that have not been adjusted to compensate for inflation.

**Current expenditures (elementary/secondary)** The expenditures for operating local public schools, excluding capital outlay and interest on school debt. These expenditures include such items as salaries for school personnel, benefits, student transportation, school books and materials, and energy costs. Beginning in 1980–81, expenditures for state administration are excluded.

**Instruction expenditures** Includes expenditures for activities related to the interaction between teacher and students. Includes salaries and benefits for teachers and instructional aides, textbooks, supplies, and purchased services such as instruction via television, webinars, and other online instruction. Also included are tuition expenditures to other local education agencies.

**Administration expenditures** Includes expenditures for school administration (i.e., the office of the principal, full-time department chairpersons, and graduation expenses), general administration (the superintendent and board of education and their immediate staff), and other support services expenditures.

**Transportation** Includes expenditures for vehicle operation, monitoring, and vehicle servicing and maintenance.

**Food services** Includes all expenditures associated with providing food to students and staff in a school or school district. The services include preparing and serving regular and incidental meals or snacks in connection with school activities, as well as the delivery of food to schools.

**Enterprise operations** Includes expenditures for activities that are financed, at least in part, by user charges, similar to a private business. These include operations funded by sales of products or services, together with amounts for direct program support made by state education agencies for local school districts.

**Current expenditures per pupil in average daily attendance** Current expenditures for the regular school term divided by the average daily attendance of full-time pupils (or full-time equivalency of pupils) during the term. See also Current expenditures and Average daily attendance.

**Current-fund expenditures (postsecondary education)** Money spent to meet current operating costs, including salaries, wages, utilities, student services, public services, research libraries, scholarships and fellowships, auxiliary enterprises, hospitals, and independent operations; excludes loans, capital expenditures, and investments.

**Current-fund revenues (postsecondary education)** Money received during the current fiscal year from revenue which can be used to pay obligations currently due, and surpluses reappropriated for the current fiscal year.

**Deaf-blindness** See Disabilities, children with.

**Default rate** The percentage of loans that are in delinquency and have not been repaid according to the terms of the loan. According to the federal government, a federal student loan is in default if there has been no payment on the loan in 270 days. The Department of Education calculates a 3-year cohort default rate, which is the percentage of students who entered repayment in a given fiscal year (from October 1 to September 30) and then defaulted within the following 2 fiscal years. For example, the 3-year cohort default rate for fiscal year (FY) 2009 is the percentage of borrowers who entered repayment during FY 2009 (any time from October 1, 2008, through September 30, 2009) and who defaulted by the end of FY 2011 (September 30, 2011).

**Degree** An award conferred by a college, university, or other postsecondary education institution as official recognition for the successful completion of a program of studies. Refers specifically to associate's or higher degrees conferred by degree-granting institutions. See also Associate's degree, Bachelor's degree, Master's degree, and Doctor's degree.

**Degree/certificate-seeking student** A student enrolled in courses for credit and recognized by the institution as seeking a degree, certificate, or other formal award. High school students also enrolled in postsecondary courses for credit are not considered degree/certificate-seeking. See also Degree and Certificate.

**Degree-granting institutions** Postsecondary institutions that are eligible for Title IV federal financial aid programs and grant an associate's or higher degree. For an institution to be eligible to participate in Title IV financial aid programs, it must offer a program of at least 300 clock hours in length, have accreditation recognized by the U.S. Department of Education, have been in business for at least 2 years, and have signed a participation agreement with the Department.

**Degrees of freedom** The number of free or linearly independent sample observations used in the calculation of a statistic. In a time series regression with  $t$  time periods and  $k$  independent variables including a constant term, there would be  $t$  minus  $k$  degrees of freedom.

**Department of Defense (DoD) dependents schools** Schools that are operated by the Department of Defense Education Activity (a civilian agency of the U.S. Department of Defense) and provide comprehensive prekindergarten through 12th-grade educational programs on military installations both within the United States and overseas.

**Dependency status** A designation of whether postsecondary students are financially dependent on their parents or financially independent of their parents. Undergraduates are assumed to be dependent unless they meet one of the following criteria: are age 24 or older, are married or have legal dependents other than a spouse, are veterans or on active duty, are orphans or wards of the court, are homeless or at risk of homelessness, or provide documentation that they self-supporting. All graduate or postbaccalaureate students are considered to be independent.

**Dependent variable** A mathematical variable whose value is determined by that of one or more other variables in a function. In regression analysis, when a random variable,  $y$ , is expressed as a function of variables  $x_1, x_2, \dots, x_k$ , plus a stochastic term, then  $y$  is known as the “dependent variable.”

**Developmental delay** See Disabilities, children with.

**Disabilities, children with** Those children evaluated as having any of the following impairments and who, by reason thereof, receive special education and related services under the Individuals with Disabilities Education Act (IDEA) according to an Individualized Education Program (IEP), Individualized Family Service Plan (IFSP), or a services plan. There are local variations in the determination of disability conditions, and not all states use all reporting categories.

**Autism** Having a developmental disability significantly affecting verbal and nonverbal communication and social interaction, generally evident before age 3, that adversely affects educational performance. Other characteristics often associated with autism are engagement in repetitive activities and stereotyped movements, resistance to environmental change or change in daily routines, and unusual responses to sensory experiences. A child is not considered autistic if the child’s educational performance is adversely affected primarily because of an emotional disturbance.

**Deaf-blindness** Having concomitant hearing and visual impairments which cause such severe communication and other developmental and educational problems that the student cannot be accommodated in special education programs solely for deaf or blind students.

**Developmental delay** Having developmental delays, as defined at the state level, and as measured by appropriate diagnostic instruments and procedures in one or more of the following cognitive areas: physical development, cognitive development, communication development, social or emotional development, or adaptive development. Applies only to 3- through 9-year-old children.

**Emotional disturbance** Exhibiting one or more of the following characteristics over a long period of time, to a marked degree, and adversely affecting educational performance: an inability to learn that cannot be explained by intellectual, sensory, or health factors; an inability to build or maintain satisfactory interpersonal relationships with peers and teachers; inappropriate types of behavior or feelings under normal circumstances; a general pervasive mood of unhappiness or depression; or a tendency to develop physical symptoms or fears associated with personal or school problems. This term does not include children who are socially maladjusted, unless they also display one or more of the listed characteristics.

**Hearing impairment** Having a hearing impairment, whether permanent or fluctuating, that adversely affects the student’s educational performance. Also reported in this category is deafness, a hearing impairment so severe that the student is impaired in processing linguistic information through hearing (with or without amplification).

**Intellectual disability** Having significantly subaverage general intellectual functioning, existing concurrently with defects in adaptive behavior and manifested during the developmental period, which adversely affects the child’s educational performance.

**Multiple disabilities** Having concomitant impairments (such as intellectually disabled-blind, intellectually disabled-orthopedically impaired, etc.), the combination of which causes such severe educational problems that the student cannot be accommodated in special education programs solely for one of the impairments. This term does not include deaf-blind students.

**Orthopedic impairment** Having a severe orthopedic impairment that adversely affects a student’s educational performance. The term includes impairment resulting from congenital anomaly, disease, or other causes.

**Other health impairment** Having limited strength, vitality, or alertness due to chronic or acute health problems—such as a heart condition, tuberculosis, rheumatic fever, nephritis, asthma, sickle cell anemia, hemophilia, epilepsy, lead poisoning, leukemia, or diabetes—that adversely affect the student’s educational performance.

**Specific learning disability** Having a disorder in one or more of the basic psychological processes involved in understanding or in using spoken or written language, which may manifest itself in an imperfect ability to listen, think, speak, read, write, spell, or do mathematical calculations. The term includes such conditions as perceptual disabilities, brain injury, minimal brain dysfunction, dyslexia, and developmental aphasia. The term does not include children who have learning problems that are primarily the result of visual, hearing, motor, or intellectual disabilities, or of environmental, cultural, or economic disadvantage.

**Speech or language impairment** Having a communication disorder, such as stuttering, impaired articulation, language impairment, or voice impairment, that adversely affects the student’s educational performance.

**Traumatic brain injury** Having an acquired injury to the brain caused by an external physical force, resulting in total or partial functional disability or psychosocial impairment or both, that adversely affects the student’s educational performance. The term applies to open or closed head injuries resulting in impairments in one or more areas, such as cognition; language; memory; attention; reasoning; abstract thinking; judgment; problem-solving; sensory, perceptual, and motor abilities; psychosocial behavior; physical functions; information processing; and speech. The term does not apply to brain injuries that are congenital or degenerative or to brain injuries induced by birth trauma.

**Visual impairment** Having a visual impairment that, even with correction, adversely affects the student’s educational performance. The term includes partially seeing and blind children.

**Discipline divisions** Degree programs that include break-outs to the 6-digit level of the Classification of Instructional Programs (CIP). See also Fields of study.

**Disposable personal income** Current income received by people less their contributions for social insurance, personal tax, and nontax payments. It is the income available to people for spending and saving. Nontax payments include passport fees, fines and penalties, donations, and tuitions and fees paid to schools and hospitals operated mainly by the government. See also Personal income.

**Distance education** Education that uses one or more technologies to deliver instruction to students who are separated from the instructor and to support regular and substantive interaction between the students and the instructor synchronously or asynchronously. Technologies used for instruction may include the following: Internet; one-way and two-way transmissions through open broadcasts, closed circuit, cable, microwave, broadband lines, fiber optics, and satellite or wireless communication devices; audio conferencing; and DVDs and CD-ROMs, if used in a course in conjunction with the technologies listed above.

**Doctor's degree** The highest award a student can earn for graduate study. Includes such degrees as the Doctor of Education (Ed.D.); Doctor of Juridical Science (S.J.D.); Doctor of Public Health (Dr.P.H.); and Doctor of Philosophy (Ph.D.) in any field, such as agronomy, food technology, education, engineering, public administration, ophthalmology, or radiology. The doctor's degree classification encompasses three main subcategories—research/scholarship degrees, professional practice degrees, and other degrees—which are described below.

**Doctor's degree—research/scholarship** A Ph.D. or other doctor's degree that requires advanced work beyond the master's level, including the preparation and defense of a dissertation based on original research, or the planning and execution of an original project demonstrating substantial artistic or scholarly achievement. Examples of this type of degree may include the following and others, as designated by the awarding institution: the Ed.D. (in education), D.M.A. (in musical arts), D.B.A. (in business administration), D.Sc. (in science), D.A. (in arts), or D.M. (in medicine).

**Doctor's degree—professional practice** A doctor's degree that is conferred upon completion of a program providing the knowledge and skills for the recognition, credential, or license required for professional practice. The degree is awarded after a period of study such that the total time to the degree, including both preprofessional and professional preparation, equals at least 6 full-time-equivalent academic years. Some doctor's degrees of this type were formerly classified as first-professional degrees. Examples of this type of degree may include the following and others, as designated by the awarding institution: the D.C. or D.C.M. (in chiropractic); D.D.S. or D.M.D. (in dentistry); L.L.B. or J.D. (in law); M.D. (in medicine); O.D. (in optometry); D.O. (in osteopathic medicine); Pharm.D. (in pharmacy); D.P.M., Pod.D., or D.P. (in podiatry); or D.V.M. (in veterinary medicine).

**Doctor's degree—other** A doctor's degree that does not meet the definition of either a doctor's degree—research/scholarship or a doctor's degree—professional practice.

**Double exponential smoothing** A method that takes a single smoothed average component of demand and smooths it a second time to allow for estimation of a trend effect.

**Dropout** The term is used to describe both the event of leaving school before completing high school and the status of an individual who is not in school and who is not a high school completer. High school completers include both graduates of school programs as well as those completing high school through equivalency programs such as the GED program. Transferring from a public school to a private school, for example, is not regarded as a dropout event. A person who drops out of school may later return and graduate but is called a “dropout” at the time he or she leaves school. Measures to describe these behaviors include the event dropout rate (or the closely related school persistence rate), the status dropout rate, and the high school completion rate.

**Durbin-Watson statistic** A statistic testing the independence of errors in least squares regression against the alternative of first-order serial correlation. The statistic is a simple linear transformation of the first-order serial correlation of residuals and, although its distribution is unknown, it is tested by bounding statistics that follow R. L. Anderson's distribution.

**Early childhood school** Early childhood program schools serve students in prekindergarten, kindergarten, transitional (or readiness) kindergarten, and/or transitional first (or prefirst) grade.

**Econometrics** The quantitative examination of economic trends and relationships using statistical techniques, and the development, examination, and refinement of those techniques.

**Education specialist/professional diploma** A certificate of advanced graduate studies that advance educators in their instructional and leadership skills beyond a master's degree level of competence.

**Educational and general expenditures** The sum of current funds expenditures on instruction, research, public service, academic support, student services, institutional support, operation and maintenance of plant, and awards from restricted and unrestricted funds.

**Educational attainment** The highest grade of regular school attended and completed.

**Educational attainment (Current Population Survey)** This measure uses March CPS data to estimate the percentage of civilian, noninstitutionalized people who have achieved certain levels of educational attainment. Estimates of educational attainment do not differentiate between those who graduated from public schools, those who graduated from private schools, and those who earned a GED; these estimates also include individuals who earned their credential or completed their highest level of education outside of the United States.

**1972–1991** During this period, an individual’s educational attainment was considered to be his or her last fully completed year of school. Individuals who completed 12 years of schooling were deemed to be high school graduates, as were those who began but did not complete the first year of college. Respondents who completed 16 or more years of schooling were counted as college graduates.

**1992–present** Beginning in 1992, CPS asked respondents to report their highest level of school completed or their highest degree received. This change means that some data collected before 1992 are not strictly comparable with data collected from 1992 onward and that care must be taken when making comparisons across years. The revised survey question emphasizes credentials received rather than the last grade level attended or completed. The new categories include the following:

- High school graduate, high school diploma, or the equivalent (e.g., GED)
- Some college but no degree
- Associate’s degree in college, occupational/vocational program
- Associate’s degree in college, academic program (e.g., A.A., A.S., A.A.S.)
- Bachelor’s degree (e.g., B.A., A.B., B.S.)
- Master’s degree (e.g., M.A., M.S., M.Eng., M.Ed., M.S.W., M.B.A.)
- Professional school degree (e.g., M.D., D.D.S., D.V.M., LL.B., J.D.)
- Doctor’s degree (e.g., Ph.D., Ed.D.)

**Elementary education/programs** Learning experiences concerned with the knowledge, skills, appreciations, attitudes, and behavioral characteristics that are considered to be needed by all pupils in terms of their awareness of life within our culture and the world of work, and that normally may be achieved during the elementary school years (usually kindergarten through grade 8 or kindergarten through grade 6), as defined by applicable state laws and regulations.

**Elementary school** A school classified as elementary by state and local practice and composed of any span of grades not above grade 8.

**Elementary/secondary school** Includes only schools that are part of state and local school systems, and also most nonprofit private elementary/secondary schools, both religiously affiliated and nonsectarian. Includes regular, alternative, vocational, and special education schools. U.S. totals exclude federal schools for American Indians, and federal schools on military posts and other federal installations.

**Emotional disturbance** See Disabilities, children with.

**Employees in degree-granting institutions** Persons employed by degree-granting institutions, who are classified into the following occupational categories in this publication:

**Executive/administrative/managerial staff** Employees whose assignments require management of the institution or of a customarily recognized department or subdivision thereof. These employees perform work that is directly related to management policies or general business operations and that requires them to exercise discretion and independent judgment.

**Faculty (instruction/research/public service)** Employees whose principal activities are for the purpose of providing instruction or teaching, research, or public service. These employees may hold such titles as professor, associate professor, assistant professor, instructor, or lecturer. Graduate assistants are not included in this category.

**Graduate assistants** Graduate-level students who are employed on a part-time basis for the primary purpose of assisting in classroom or laboratory instruction or in the conduct of research.

**Nonprofessional staff** Employees whose primary activities can be classified as one of the following: technical and paraprofessional work (which generally requires less formal training and experience than required for professional status); clerical and secretarial work; skilled crafts work; or service/maintenance work.

**Other professional staff** Employees who perform academic support, student service, and institutional support and who need either a degree at the bachelor’s or higher level or experience of such kind and amount as to provide a comparable background.

**Professional staff** Employees who are classified as executive/administrative/managerial staff, faculty, graduate assistants, or other professional staff.

**Employment** Includes civilian, noninstitutional people who (1) worked during any part of the survey week as paid employees; worked in their own business, profession, or farm; or worked 15 hours or more as unpaid workers in a family-owned enterprise; or (2) were not working but had jobs or businesses from which they were temporarily absent due to illness, bad weather, vacation, labor-management dispute, or personal reasons whether or not they were seeking another job.

**Employment (Current Population Survey)** According to the October Current Population Survey (CPS), employed persons are persons age 16 or older who, during the reference week, (1) did any work at all (at least 1 hour) as paid employees or (2) were not working but had jobs or businesses from which they were temporarily absent because of vacation, illness, bad weather, child care problems, maternity or paternity leave, labor-management dispute, job training, or other family or personal reasons, whether or not they were paid for the time off or were seeking other jobs.

**Employment status** A classification of individuals as employed (either full or part time), unemployed (looking for work or on layoff), or not in the labor force (due to being retired, having unpaid employment, or some other reason).

**Endowment** A trust fund set aside to provide a perpetual source of revenue from the proceeds of the endowment investments. Endowment funds are often created by donations from benefactors of an institution, who may designate the use of the endowment revenue. Normally, institutions or their representatives manage the investments, but they are not permitted to spend the endowment fund itself, only the proceeds from the investments. Typical uses of endowments would be an endowed chair for a particular department or for a scholarship fund. Endowment totals tabulated in this book also include funds functioning as endowments, such as funds left over from the previous year and placed with the endowment investments by the institution. These funds may be withdrawn by the institution and spent as current funds at any time. Endowments are evaluated by two different measures, book value and market value. Book value is the purchase price of the endowment investment. Market value is the current worth of the endowment investment. Thus, the book value of a stock held in an endowment fund would be the purchase price of the stock. The market value of the stock would be its selling price as of a given day.

**Engineering** Instructional programs that describe the mathematical and natural science knowledge gained by study, experience, and practice and applied with judgment to develop ways to utilize the materials and forces of nature economically. Includes programs that prepare individuals to support and assist engineers and similar professionals.

**English** A group of instructional programs that describes the English language arts, including composition, creative writing, and the study of literature.

**English language learner (ELL)** An individual who, due to any of the reasons listed below, has sufficient difficulty speaking, reading, writing, or understanding the English language to be denied the opportunity to learn successfully in classrooms where the language of instruction is English or to participate fully in the larger U.S. society. Such an individual (1) was not born in the United States or has a native language other than English; (2) comes from environments where a language other than English is dominant; or (3) is an American Indian or Alaska Native and comes from environments where a language other than English has had a significant impact on the individual's level of English language proficiency.

**Enrollment** The total number of students registered in a given school unit at a given time, generally in the fall of a year. At the postsecondary level, separate counts are also available for full-time and part-time students, as well as full-time-equivalent enrollment. See also Full-time enrollment, Full-time-equivalent (FTE) enrollment, and Part-time enrollment.

**Estimate** A numerical value obtained from a statistical sample and assigned to a population parameter. The particular value yielded by an estimator in a given set of circumstances or the rule by which such particular values are calculated.

**Estimating equation** An equation involving observed quantities and an unknown that serves to estimate the latter.

**Estimation** Estimation is concerned with inference about the numerical value of unknown population values from incomplete data, such as a sample. If a single figure is calculated for each unknown parameter, the process is called point estimation. If an interval is calculated within which the parameter is likely, in some sense, to lie, the process is called interval estimation.

**Executive/administrative/managerial staff** See Employees in degree-granting institutions.

**Expenditures, Total** For elementary/secondary schools, these include all charges for current outlays plus capital outlays and interest on school debt. For degree-granting institutions, these include current outlays plus capital outlays. For government, these include charges net of recoveries and other correcting transactions other than for retirement of debt, investment in securities, extension of credit, or as agency transactions. Government expenditures include only external transactions, such as the provision of perquisites or other payments in kind. Aggregates for groups of governments exclude intergovernmental transactions among the governments.

**Expenditures per pupil** Charges incurred for a particular period of time divided by a student unit of measure, such as average daily attendance or fall enrollment.

**Exponential smoothing** A method used in time series analysis to smooth or to predict a series. There are various forms, but all are based on the supposition that more remote history has less importance than more recent history.

**Expulsion** Removing a student from his or her regular school for an extended length of time or permanently for disciplinary purposes.

**Extracurricular activities** Activities that are not part of the required curriculum and that take place outside of the regular course of study. They include both school-sponsored (e.g., varsity athletics, drama, and debate clubs) and community-sponsored (e.g., hobby clubs and youth organizations like the Junior Chamber of Commerce or Boy Scouts) activities.

**Faculty (instruction/research/public service)** See Employees in degree-granting institutions.

**Family** A group of two or more people (one of whom is the householder) related by birth, marriage, or adoption and residing together. All such people (including related subfamily members) are considered as members of one family.

**Family income** Includes all monetary income from all sources (including jobs, businesses, interest, rent, and Social Security payments) over a 12-month period. The income of nonrelatives living in the household is excluded, but the income of all family members age 15 or older (age 14 or older in years prior to 1989), including those temporarily living outside of the household, is included. In the October Current Population Survey, family income is determined from a single question asked of the household respondent.

**Federal funds** Amounts collected and used by the federal government for the general purposes of the government. The major federal fund is the general fund, which is derived from general taxes and borrowing. Other types of federal fund accounts include special funds (earmarked for a specific purpose other than a business-like activity), public enterprise funds (earmarked for a business-like activity conducted primarily with the public), and intragovernmental funds (earmarked for a business-like activity conducted primarily within the government).

**Federal sources (postsecondary degree-granting institutions)** Includes federal appropriations, grants, and contracts, and federally funded research and development centers (FFRDCs). Federally subsidized student loans are not included.

**Fields of study** The primary field of concentration in postsecondary certificates and degrees. In the Integrated Postsecondary Education Data System (IPEDS), refers to degree programs that are broken out only to the 2-digit level of the Classification of Instructional Programs (CIP). See also Discipline divisions.

**Financial aid** Grants, loans, assistantships, scholarships, fellowships, tuition waivers, tuition discounts, veteran's benefits, employer aid (tuition reimbursement), and other monies (other than from relatives or friends) provided to students to help them meet expenses. Except where designated, includes Title IV subsidized and unsubsidized loans made directly to students.

**First-order serial correlation** When errors in one time period are correlated directly with errors in the ensuing time period.

**First-professional degree** NCES no longer uses this classification. Most degrees formerly classified as first-professional (such as M.D., D.D.S., Pharm.D., D.V.M., and J.D.) are now classified as doctor's degrees—professional practice. However, master's of divinity degrees are now classified as master's degrees.

**First-time student (undergraduate)** A student who has no prior postsecondary experience (except as noted below) attending any institution for the first time at the undergraduate level. Includes students enrolled in the fall term who attended college for the first time in the prior summer term, and students who entered with advanced standing (college credits earned before graduation from high school).

**Fiscal year** A period of 12 months for which accounting records are compiled. Institutions and states may designate their own accounting period, though most states use a July 1 through June 30 accounting year. The yearly accounting period for the federal government begins on October 1 and ends on the following September 30. The fiscal year is designated by the calendar year in which it ends; e.g., fiscal year 2006 begins on October 1, 2005, and ends on September 30, 2006. (From fiscal year 1844 to fiscal year 1976, the federal fiscal year began on July 1 and ended on the following June 30.)

**Forecast** An estimate of the future based on rational study and analysis of available pertinent data, as opposed to subjective prediction.

**Forecasting** Assessing the magnitude that a quantity will assume at some future point in time, as distinct from "estimation," which attempts to assess the magnitude of an already existent quantity.

**Foreign languages** A group of instructional programs that describes the structure and use of language that is common or indigenous to people of a given community or nation, geographical area, or cultural traditions. Programs cover such features as sound, literature, syntax, phonology, semantics, sentences, prose, and verse, as well as the development of skills and attitudes used in communicating and evaluating thoughts and feelings through oral and written language.

**For-profit institution** A private institution in which the individual(s) or agency in control receives compensation other than wages, rent, or other expenses for the assumption of risk.

**Free or reduced-price lunch** See National School Lunch Program.

**Full-time enrollment** The number of students enrolled in postsecondary education courses with total credit load equal to at least 75 percent of the normal full-time course load. At the undergraduate level, full-time enrollment typically includes students who have a credit load of 12 or more semester or quarter credits. At the postbaccalaureate level, full-time enrollment includes students who typically have a credit load of 9 or more semester or quarter credits, as well as other students who are considered full time by their institutions.

**Full-time-equivalent (FTE) enrollment** For postsecondary institutions, enrollment of full-time students, plus the full-time equivalent of part-time students. The full-time equivalent of the part-time students is estimated using different factors depending on the type and control of institution and level of student.

**Full-time-equivalent (FTE) staff** Full-time staff, plus the full-time equivalent of the part-time staff.

**Full-time-equivalent teacher** See Instructional staff.

**Full-time instructional faculty** Those members of the instruction/research staff who are employed full time as defined by the institution, including faculty with released time for research and faculty on sabbatical leave. Full-time counts exclude faculty who are employed to teach less than two semesters, three quarters, two trimesters, or two 4-month sessions; replacements for faculty on sabbatical leave or those on leave without pay; faculty for preclinical and clinical medicine; faculty who are donating their services; faculty who are members of military organizations and paid on a different pay scale than civilian employees; those academic officers whose primary duties are administrative; and graduate students who assist in the instruction of courses.

**Full-time worker** In educational institutions, an employee whose position requires being on the job on school days throughout the school year for at least the number of hours the schools are in session. For higher education, a member of an educational institution's staff who is employed full time, as defined by the institution.

**Function** A mathematical correspondence that assigns exactly one element of one set to each element of the same or another set. A variable that depends on and varies with another.

**Functional form** A mathematical statement of the relationship among the variables in a model.

**Gap** Occurs when an outcome—for example, average test score or level of educational attainment—is higher for one group than for another group, and the difference between the two groups' outcomes is statistically significant.

**GED certificate** This award is received following successful completion of the GED test. The GED program—sponsored by the GED Testing Service (a joint venture of the American Council on Education and Pearson)—enables individuals to demonstrate that they have acquired a level of learning comparable to that of high school graduates. See also High school equivalency certificate.

**GED program** Academic instruction to prepare people to take the high school equivalency examination. Formerly known as the General Educational Development program. See also GED recipient.

**GED recipient** A person who has obtained certification of high school equivalency by meeting state requirements and passing an approved exam, which is intended to provide an appraisal of the person's achievement or performance in the broad subject matter areas usually required for high school graduation.

**General administration support services** Includes salary, benefits, supplies, and contractual fees for boards of education staff and executive administration. Excludes state administration.

**General program** A program of studies designed to prepare students for the common activities of a citizen, family member, and worker. A general program of studies may include instruction in both academic and vocational areas.

**Geographic region** One of the four regions of the United States used by the U.S. Census Bureau, as follows:

**Northeast**

Connecticut (CT)  
Maine (ME)  
Massachusetts (MA)  
New Hampshire (NH)  
New Jersey (NJ)  
New York (NY)  
Pennsylvania (PA)  
Rhode Island (RI)  
Vermont (VT)

**Midwest**

Illinois (IL)  
Indiana (IN)  
Iowa (IA)  
Kansas (KS)  
Michigan (MI)  
Minnesota (MN)  
Missouri (MO)  
Nebraska (NE)  
North Dakota (ND)  
Ohio (OH)  
South Dakota (SD)  
Wisconsin (WI)

**South**

Alabama (AL)  
Arkansas (AR)  
Delaware (DE)  
District of Columbia (DC)  
Florida (FL)  
Georgia (GA)  
Kentucky (KY)  
Louisiana (LA)  
Maryland (MD)  
Mississippi (MS)  
North Carolina (NC)  
Oklahoma (OK)  
South Carolina (SC)  
Tennessee (TN)  
Texas (TX)  
Virginia (VA)  
West Virginia (WV)

**West**

Alaska (AK)  
Arizona (AZ)  
California (CA)  
Colorado (CO)  
Hawaii (HI)  
Idaho (ID)  
Montana (MT)  
Nevada (NV)  
New Mexico (NM)  
Oregon (OR)  
Utah (UT)  
Washington (WA)  
Wyoming (WY)

**Government appropriation** An amount (other than a grant or contract) received from or made available to an institution through an act of a legislative body.

**Government grant or contract** Revenues received by a post-secondary institution from a government agency for a specific research project or other program. Examples are research projects, training programs, and student financial assistance.

**Graduate** An individual who has received formal recognition for the successful completion of a prescribed program of studies.

**Graduate assistants** See Employees in degree-granting institutions.

**Graduate enrollment** The number of students who are working toward a master's or doctor's degree and students who are in postbaccalaureate classes but not in degree programs.

**Graduate Record Examination (GRE)** Multiple-choice examinations administered by the Educational Testing Service and taken by college students who intend to attend certain graduate schools. There are two types of testing available: (1) the general exam which measures critical thinking, analytical writing, verbal reasoning, and quantitative reasoning skills, and (2) the subject test which is offered in eight specific subjects and gauges undergraduate achievement in a specific field. The subject tests are intended for those who have majored in or have extensive background in that specific area.

**Graduation** Formal recognition given to an individual for the successful completion of a prescribed program of studies.

**Gross domestic product (GDP)** The total national output of goods and services valued at market prices. GDP can be viewed in terms of expenditure categories that include purchases of goods and services by consumers and government, gross private domestic investment, and net exports of goods and services. The goods and services included are largely those bought for final use (excluding illegal transactions) in the market economy. A number of inclusions, however, represent imputed values, the most important of which is rental value of owner-occupied housing.

**Group quarters** Living arrangements where people live or stay in a group situation that is owned or managed by an entity or organization providing housing and/or services for the residents. Group quarters include such places as college residence halls, residential treatment centers, skilled nursing facilities, group homes, military barracks, correctional facilities, and workers' dormitories.

**Noninstitutionalized group quarters** Include college and university housing, military quarters, facilities for workers and religious groups, and temporary shelters for the homeless.

**Institutionalized group quarters** Include adult and juvenile correctional facilities, nursing facilities, and other health care facilities.

**Handicapped** See Disabilities, children with.

**Head Start** A local public or private nonprofit or for-profit entity authorized by the Department of Health and Human Services' Administration for Children and Families to operate a Head Start program to serve children age 3 to compulsory school age, pursuant to section 641(b) and (d) of the Head Start Act.

**Hearing impairment** See Disabilities, children with.

**High school** A secondary school offering the final years of high school work necessary for graduation. A high school is usually either a 3-year school that includes grades 10, 11, and 12 or a 4-year school that includes grades 9, 10, 11, and 12.

**High school (2007–08 Schools and Staffing Survey)** A school with no grade lower than 7 and at least one grade higher than 8.

**High school completer** An individual who has been awarded a high school diploma or an equivalent credential, including a GED certificate.

**High school diploma** A formal document regulated by the state certifying the successful completion of a prescribed secondary school program of studies. In some states or communities, high school diplomas are differentiated by type, such as an academic diploma, a general diploma, or a vocational diploma.

**High school equivalency certificate** A formal document certifying that an individual has met the state requirements for high school graduation equivalency by obtaining satisfactory scores on an approved examination and meeting other performance requirements (if any) set by a state education agency or other appropriate body. One particular version of this certificate is the GED test. The GED test is a comprehensive test used primarily to appraise the educational development of students who have not completed their formal high school education and who may earn a high school equivalency certificate by achieving satisfactory scores. GEDs are awarded by the states or other agencies, and the test is developed and distributed by the GED Testing Service (a joint venture of the American Council on Education and Pearson).

**High school program** A program of studies designed to prepare students for employment and postsecondary education. Three types of programs are often distinguished—academic, vocational, and general. An academic program is designed to prepare students for continued study at a college or university. A vocational program is designed to prepare students for employment in one or more semiskilled, skilled, or technical occupations. A general program is designed to provide students with the understanding and competence to function effectively in a free society and usually represents a mixture of academic and vocational components.

**Higher education** Study beyond secondary school at an institution that offers programs terminating in an associate's, bachelor's, or higher degree.

**Higher education institutions (basic classification and Carnegie classification)** See Postsecondary institutions (basic classification by level) and Postsecondary institutions (Carnegie classification of degree-granting institutions).

**Higher Education Price Index** A price index that measures average changes in the prices of goods and services purchased by colleges and universities through current-fund education and general expenditures (excluding expenditures for sponsored research and auxiliary enterprises).

**Historically black colleges and universities** Accredited higher education institutions established prior to 1964 with the principal mission of educating black Americans. Federal regulations (20 USC 1061 (2)) allow for certain exceptions of the founding date.

**Hours worked per week** According to the October Current Population Survey, the number of hours a respondent worked in all jobs in the week prior to the survey interview.

**Household** All the people who occupy a housing unit. A house, an apartment, a mobile home, a group of rooms, or a single room is regarded as a housing unit when it is occupied or intended for occupancy as separate living quarters, that is, when the occupants do not live and eat with any other people in the structure, and there is direct access from the outside or through a common hall.

**Housing unit** A house, an apartment, a mobile home, a group of rooms, or a single room that is occupied as separate living quarters.

**Income tax** Taxes levied on net income, that is, on gross income less certain deductions permitted by law. These taxes can be levied on individuals or on corporations or unincorporated businesses where the income is taxed distinctly from individual income.

**Independent operations** A group of self-supporting activities under control of a college or university. For purposes of financial surveys conducted by the National Center for Education Statistics, this category is composed principally of federally funded research and development centers (FFRDC).

**Independent variable** In regression analysis, a random variable,  $y$ , is expressed as a function of variables  $x_1, x_2, \dots, x_k$ , plus a stochastic term; the  $x$ 's are known as "independent variables."

**Individuals with Disabilities Education Act (IDEA)** IDEA is a federal law enacted in 1990 and reauthorized in 1997 and 2004. IDEA requires services to children with disabilities throughout the nation. IDEA governs how states and public agencies provide early intervention, special education, and related services to eligible infants, toddlers, children, and youth with disabilities. Infants and toddlers with disabilities (birth–age 2) and their families receive early intervention services under IDEA, Part C. Children and youth (ages 3–21) receive special education and related services under IDEA, Part B.

**Inflation** A rise in the general level of prices of goods and services in an economy over a period of time, which generally corresponds to a decline in the real value of money or a

loss of purchasing power. See also Constant dollars and Purchasing Power Parity indexes.

**Institutional support** The category of higher education expenditures that includes day-to-day operational support for colleges, excluding expenditures for physical plant operations. Examples of institutional support include general administrative services, executive direction and planning, legal and fiscal operations, and community relations.

**Instruction (colleges and universities)** That functional category including expenditures of the colleges, schools, departments, and other instructional divisions of higher education institutions and expenditures for departmental research and public service that are not separately budgeted; includes expenditures for both credit and noncredit activities. Excludes expenditures for academic administration where the primary function is administration (e.g., academic deans).

**Instruction (elementary and secondary)** Instruction encompasses all activities dealing directly with the interaction between teachers and students. Teaching may be provided for students in a school classroom, in another location such as a home or hospital, and in other learning situations such as those involving co-curricular activities. Instruction may be provided through some other approved medium, such as the Internet, television, radio, telephone, and correspondence.

**Instructional staff** Full-time-equivalent number of positions, not the number of different individuals occupying the positions during the school year. In local schools, includes all public elementary and secondary (junior and senior high) day-school positions that are in the nature of teaching or in the improvement of the teaching-learning situation; includes consultants or supervisors of instruction, principals, teachers, guidance personnel, librarians, psychological personnel, and other instructional staff, and excludes administrative staff, attendance personnel, clerical personnel, and junior college staff.

**Instructional support services** Includes salary, benefits, supplies, and contractual fees for staff providing instructional improvement, educational media (library and audiovisual), and other instructional support services.

**Intellectual disability** See Disabilities, children with.

**Interest on debt** Includes expenditures for long-term debt service interest payments (i.e., those longer than 1 year).

**International baccalaureate (IB)** A recognized international program of primary, middle, and secondary studies leading to the International Baccalaureate (IB) Diploma. This diploma (or certificate) is recognized in Europe and elsewhere as qualifying holders for direct access to university studies. Schools offering the IB program are approved by the International Baccalaureate Organization (IBO) and their regional office and may use IBO instructional materials, local school materials, or a combination.

**International finance data** Include data on public and private expenditures for educational institutions. Educational institutions directly provide instructional programs (i.e., teaching) to individuals in an organized group setting or through distance education. Business enterprises or other institutions that provide short-term courses of training or instruction to individuals on a “one-to-one” basis are not included. Where noted, international finance data may also include publicly subsidized spending on education-related purchases, such as school books, living costs, and transportation.

**Public expenditures** Corresponds to the nonrepayable current and capital expenditures of all levels of the government directly related to education. Expenditures that are not directly related to education (e.g., cultures, sports, youth activities) are, in principle, not included. Expenditures on education by other ministries or equivalent institutions (e.g., Health and Agriculture) are included. Public subsidies for students’ living expenses are excluded to ensure international comparability of the data.

**Private expenditures** Refers to expenditures funded by private sources (i.e., households and other private entities). “Households” means students and their families. “Other private entities” includes private business firms and nonprofit organizations, including religious organizations, charitable organizations, and business and labor associations. Private expenditures are composed of school fees, the cost of materials (such as textbooks and teaching equipment), transportation costs (if organized by the school), the cost of meals (if provided by the school), boarding fees, and expenditures by employers on initial vocational training.

**Current expenditures** Includes final consumption expenditures (e.g., compensation of employees, consumption of intermediate goods and services, consumption of fixed capital, and military expenditures); property income paid; subsidies; and other current transfers paid.

**Capital expenditures** Includes spending to acquire and improve fixed capital assets, land, intangible assets, government stocks, and nonmilitary, nonfinancial assets, as well as spending to finance net capital transfers.

### **International Standard Classification of Education (ISCED)**

Used to compare educational systems in different countries. ISCED is the standard used by many countries to report education statistics to the United Nations Educational, Scientific, and Cultural Organization (UNESCO) and the Organization for Economic Cooperation and Development (OECD). ISCED was revised in 2011.

**ISCED 2011** ISCED 2011 divides educational systems into the following nine categories, based on eight levels of education.

**ISCED Level 0** Education preceding the first level (early childhood education) includes early childhood programs that target children below the age of entry into primary education.

**ISCED Level 01** Early childhood educational development programs are generally designed for children younger than 3 years.

**ISCED Level 02** Pre-primary education preceding the first level usually begins at age 3, 4, or 5 (sometimes earlier) and lasts from 1 to 3 years, when it is provided. In the United States, this level includes nursery school and kindergarten.

**ISCED Level 1** Education at the first level (primary or elementary education) usually begins at age 5, 6, or 7 and continues for about 4 to 6 years. For the United States, the first level starts with 1st grade and ends with 6th grade.

**ISCED Level 2** Education at the second level (lower secondary education) typically begins at about age 11 or 12 and continues for about 2 to 6 years. For the United States, the second level starts with 7th grade and typically ends with 9th grade. Education at the lower secondary level continues the basic programs of the first level, although teaching is typically more subject focused, often using more specialized teachers who conduct classes in their field of specialization. The main criterion for distinguishing lower secondary education from primary education is whether programs begin to be organized in a more subject-oriented pattern, using more specialized teachers conducting classes in their field of specialization. If there is no clear breakpoint for this organizational change, lower secondary education is considered to begin at the end of 6 years of primary education. In countries with no clear division between lower secondary and upper secondary education, and where lower secondary education lasts for more than 3 years, only the first 3 years following primary education are counted as lower secondary education.

**ISCED Level 3** Education at the third level (upper secondary education) typically begins at age 15 or 16 and lasts for approximately 3 years. In the United States, the third level starts with 10th grade and ends with 12th grade. Upper secondary education is the final stage of secondary education in most OECD countries. Instruction is often organized along subject-matter lines, in contrast to the lower secondary level, and teachers typically must have a higher level, or more subject-specific, qualification. There are substantial differences in the typical duration of programs both across and between countries, ranging from 2 to 5 years of schooling. The main criteria for classifications are (1) national boundaries between lower and upper secondary education and (2) admission into educational programs, which usually requires the completion of lower secondary education or a combination of basic education and life experience that demonstrates the ability to handle the subject matter in upper secondary schools. Includes programs designed to review the content of third level programs, such as preparatory courses for tertiary education entrance examinations, and programs leading to a qualification equivalent to upper secondary general education.

**ISCED Level 4** Education at the fourth level (postsecondary nontertiary education) straddles the boundary between secondary and postsecondary education. This program of study, which is primarily vocational in nature, is generally taken after the completion of secondary school and typically lasts from 6 months to 2 years. Although the content of these programs may not be significantly more advanced than upper secondary programs, these programs serve to broaden the knowledge of participants who have already gained an upper secondary qualification.

**ISCED Level 5** Education at the fifth level (short-cycle tertiary education) is noticeably more complex than in upper secondary programs giving access to this level. Programs at the fifth level typically provide practically based, occupationally specific content and prepare students to enter the labor market. However, the fifth level may also provide a pathway to other tertiary education programs (the sixth or seventh level). Short cycle-tertiary programs last for at least 2 years, and usually for no more than 3. In the United States, this level includes associate's degrees.

**ISCED Level 6** Education at the sixth level (bachelor's or equivalent level) is longer and usually more theoretically oriented than programs at the fifth level, but may include practical components. Entry into these programs normally requires the completion of a third or fourth level program. They typically have a duration of 3 to 4 years of full-time study. Programs at the sixth level do not necessarily require the preparation of a substantive thesis or dissertation.

**ISCED Level 7** Education at the seventh level (master's or equivalent level) has significantly more complex and specialized content than programs at the sixth level. The content at the seventh level is often designed to provide participants with advanced academic and/or professional knowledge, skills, and competencies, leading to a second degree or equivalent qualification. Programs at this level may have a substantial research component but do not yet lead to the award of a doctoral qualification. In the United States, this level includes professional degrees such as J.D., M.D., and D.D.S., as well as master degrees.

**ISCED Level 8** Education at the eighth level (doctoral or equivalent level) is provided in graduate and professional schools that generally require a university degree or diploma as a minimum condition for admission. Programs at this level lead to the award of an advanced, postgraduate degree, such as a Ph.D. The theoretical duration of these programs is 3 years of full-time enrollment in most countries (for a cumulative total of at least 7 years at the tertiary level), although the length of the actual enrollment is often longer. Programs at this level are devoted to advanced study and original research.

**ISCED 1997** ISCED 1997 divides educational systems into the following seven categories, based on six levels of education.

**ISCED Level 0** Education preceding the first level (early childhood education) usually begins at age 3, 4, or 5 (sometimes earlier) and lasts from 1 to 3 years, when it is provided. In the United States, this level includes nursery school and kindergarten.

**ISCED Level 1** Education at the first level (primary or elementary education) usually begins at age 5, 6, or 7 and continues for about 4 to 6 years. For the United States, the first level starts with 1st grade and ends with 6th grade.

**ISCED Level 2** Education at the second level (lower secondary education) typically begins at about age 11 or 12 and continues for about 2 to 6 years. For the United States, the second level starts with 7th grade and typically ends with 9th grade. Education at the lower secondary level continues the basic programs of the first level, although teaching is typically more subject focused, often using more specialized teachers who conduct classes in their field of specialization. The main criterion for distinguishing lower secondary education from primary education is whether programs begin to be organized in a more subject-oriented pattern, using more specialized teachers conducting classes in their field of specialization. If there is no clear breakpoint for this organizational change, lower secondary education is considered to begin at the end of 6 years of primary education. In countries with no clear division between lower secondary and upper secondary education, and where lower secondary education lasts for more than 3 years, only the first 3 years following primary education are counted as lower secondary education.

**ISCED Level 3** Education at the third level (upper secondary education) typically begins at age 15 or 16 and lasts for approximately 3 years. In the United States, the third level starts with 10th grade and ends with 12th grade. Upper secondary education is the final stage of secondary education in most OECD countries. Instruction is often organized along subject-matter lines, in contrast to the lower secondary level, and teachers typically must have a higher level, or more subject-specific, qualification. There are substantial differences in the typical duration of programs both across and between countries, ranging from 2 to 5 years of schooling. The main criteria for classifications are (1) national boundaries between lower and upper secondary education and (2) admission into educational programs, which usually requires the completion of lower secondary education or a combination of basic education and life experience that demonstrates the ability to handle the subject matter in upper secondary schools.

**ISCED Level 4** Education at the fourth level (postsecondary nontertiary education) straddles the boundary between secondary and postsecondary education. This program of study, which is primarily vocational in nature, is generally taken after the completion of secondary school and typically lasts from 6 months to 2 years. Although the content of these programs may not be significantly more advanced than upper secondary programs, these programs serve to broaden the knowledge of participants who have already gained an upper secondary qualification.

**ISCED Level 5** Education at the fifth level (first stage of tertiary education) includes programs with more advanced content than those offered at the two previous levels. Entry into programs at the fifth level normally requires successful completion of either of the two previous levels.

**ISCED Level 5A** Tertiary-type A programs provide an education that is largely theoretical and is intended to provide sufficient qualifications for gaining entry into advanced research programs and professions with high skill requirements. Entry into these programs normally requires the successful completion of an upper secondary education; admission is competitive in most cases. The minimum cumulative theoretical duration at this level is 3 years of full-time enrollment. In the United States, tertiary-type A programs include first university programs that last approximately 4 years and lead to the award of a bachelor's degree and second university programs that lead to a master's degree or a first-professional degree such as an M.D., a J.D., or a D.V.M.

**ISCED Level 5B** Tertiary-type B programs are typically shorter than tertiary-type A programs and focus on practical, technical, or occupational skills for direct entry into the labor market, although they may cover some theoretical foundations in the respective programs. They have a minimum duration of 2 years of full-time enrollment at the tertiary level. In the United States, such programs are often provided at community colleges and lead to an associate's degree.

**ISCED Level 6** Education at the sixth level (advanced research qualification) is provided in graduate and professional schools that generally require a university degree or diploma as a minimum condition for admission. Programs at this level lead to the award of an advanced, postgraduate degree, such as a Ph.D. The theoretical duration of these programs is 3 years of full-time enrollment in most countries (for a cumulative total of at least 7 years at levels five and six), although the length of the actual enrollment is often longer. Programs at this level are devoted to advanced study and original research.

**Interpolation** See Linear interpolation.

**Junior high school** A separately organized and administered secondary school intermediate between the elementary and senior high schools. A junior high school is usually either a 3-year school that includes grades 7, 8, and 9 or a 2-year school that includes grades 7 and 8.

**Labor force** People employed (either full time or part time) as civilians, unemployed but looking for work, or in the armed services during the survey week. The "civilian labor force" comprises all civilians classified as employed or unemployed. See also Unemployed.

**Lag** An event occurring at time  $t + k$  ( $k > 0$ ) is said to lag behind an event occurring at time  $t$ , the extent of the lag being  $k$ . An event occurring  $k$  time periods before another may be regarded as having a negative lag.

**Land-grant colleges** The First Morrill Act of 1862 facilitated the establishment of colleges through grants of land or funds in lieu of land. The Second Morrill Act in 1890 provided for money grants and for the establishment of land-grant colleges and universities for Blacks in those states with dual systems of higher education.

**Lead time** When forecasting a statistic, the number of time periods since the last time period of actual data for that statistic used in producing the forecast.

**Level of school** A classification of elementary/secondary schools by instructional level. Includes elementary schools, secondary schools, and combined elementary and secondary schools. See also Elementary school, Secondary school, and Combined school.

**Limited-English proficient** Refers to an individual who was not born in the United States and whose native language is a language other than English, or who comes from an environment where a language other than English has had a significant impact on the individual's level of English language proficiency. It may also refer to an individual who is migratory, whose native language is a language other than English, and who comes from an environment where a language other than English is dominant; and whose difficulties in speaking, reading, writing, or understanding the English language may be sufficient to deny the individual the ability to meet the state's proficient level of achievement on state assessments as specified under the No Child Left Behind Act, the ability to successfully achieve in classrooms where the language of instruction is English, or the opportunity to participate fully in society. See also English language learner.

**Linear interpolation** A method that allows the prediction of an unknown value if any two particular values on the same scale are known and the rate of change is assumed constant.

**Local education agency (LEA)** See School district.

**Locale codes** A classification system to describe a type of location. The “Metro-Centric” locale codes, developed in the 1980s, classified all schools and school districts based on their county’s proximity to a Metropolitan Statistical Area (MSA) and their specific location’s population size and density. In 2006, the “Urban-Centric” locale codes were introduced. These locale codes are based on an address’s proximity to an urbanized area. For more information see <https://nces.ed.gov/ccd/CCDLocaleCodeDistrict.asp>.

#### Pre-2006 Metro-Centric Locale Codes

**Large City:** A central city of a consolidated metropolitan statistical area (CMSA) or MSA, with the city having a population greater than or equal to 250,000.

**Mid-size City:** A central city of a CMSA or MSA, with the city having a population less than 250,000.

**Urban Fringe of a Large City:** Any territory within a CMSA or MSA of a Large City and defined as urban by the Census Bureau.

**Urban Fringe of a Mid-size City:** Any territory within a CMSA or MSA of a Mid-size City and defined as urban by the Census Bureau.

**Large Town:** An incorporated place or Census-designated place with a population greater than or equal to 25,000 and located outside a CMSA or MSA.

**Small Town:** An incorporated place or Census-designated place with a population less than 25,000 and greater than or equal to 2,500 and located outside a CMSA or MSA.

**Rural, Outside MSA:** Any territory designated as rural by the Census Bureau that is outside a CMSA or MSA of a Large or Mid-size City.

**Rural, Inside MSA:** Any territory designated as rural by the Census Bureau that is within a CMSA or MSA of a Large or Mid-size City.

#### 2006 Urban-Centric Locale Codes

**City, Large:** Territory inside an urbanized area and inside a principal city with population of 250,000 or more.

**City, Midsize:** Territory inside an urbanized area and inside a principal city with population less than 250,000 and greater than or equal to 100,000.

**City, Small:** Territory inside an urbanized area and inside a principal city with population less than 100,000.

**Suburb, Large:** Territory outside a principal city and inside an urbanized area with population of 250,000 or more.

**Suburb, Midsize:** Territory outside a principal city and inside an urbanized area with population less than 250,000 and greater than or equal to 100,000.

**Suburb, Small:** Territory outside a principal city and inside an urbanized area with population less than 100,000.

**Town, Fringe:** Territory inside an urban cluster that is less than or equal to 10 miles from an urbanized area.

**Town, Distant:** Territory inside an urban cluster that is more than 10 miles and less than or equal to 35 miles from an urbanized area.

**Town, Remote:** Territory inside an urban cluster that is more than 35 miles from an urbanized area.

**Rural, Fringe:** Census-defined rural territory that is less than or equal to 5 miles from an urbanized area, as well as rural territory that is less than or equal to 2.5 miles from an urban cluster.

**Rural, Distant:** Census-defined rural territory that is more than 5 miles but less than or equal to 25 miles from an urbanized area, as well as rural territory that is more than 2.5 miles but less than or equal to 10 miles from an urban cluster.

**Rural, Remote:** Census-defined rural territory that is more than 25 miles from an urbanized area and is also more than 10 miles from an urban cluster.

**Magnet school or program** A special school or program designed to reduce, prevent, or eliminate racial isolation and/or to provide an academic or social focus on a particular theme.

**Mandatory transfer** A transfer of current funds that must be made in order to fulfill a binding legal obligation of a post-secondary institution. Included under mandatory transfers are debt service provisions relating to academic and administrative buildings, including (1) amounts set aside for debt retirement and interest and (2) required provisions for renewal and replacement of buildings to the extent these are not financed from other funds.

**Margin of error** The range of potential true or actual values for a sample survey estimate. The margin of error depends on several factors such as the amount of variation in the responses, the size and representativeness of the sample, and the size of the subgroup for which the estimate is computed. The magnitude of the margin of error is represented by the standard error of the estimate.

**Master’s degree** A degree awarded for successful completion of a program generally requiring 1 or 2 years of full-time college-level study beyond the bachelor’s degree. One type of master’s degree, including the Master of Arts degree, or M.A., and the Master of Science degree, or M.S., is awarded in the liberal arts and sciences for advanced scholarship in a subject field or discipline and demonstrated ability to perform scholarly research. A second type of master’s degree is awarded for the completion of a professionally oriented program, for example, an M.Ed. in education, an M.B.A. in business administration, an M.F.A. in fine arts, an M.M. in music, an M.S.W. in social work, and an M.P.A. in public administration. Some master’s degrees—such as divinity degrees (M.Div. or M.H.L./Rav), which were formerly classified as “first-professional”—may require more than 2 years of full-time study beyond the bachelor’s degree.

**Mathematics** A group of instructional programs that describes the science of numbers and their operations, interrelations, combinations, generalizations, and abstractions and of space configurations and their structure, measurement, transformations, and generalizations.

**Mean absolute percentage error (MAPE)** The average value of the absolute value of errors expressed in percentage terms.

**Mean test score** The score obtained by dividing the sum of the scores of all individuals in a group by the number of individuals in that group for which scores are available.

**Median earnings** The amount that divides the income distribution into two equal groups, half having income above that amount and half having income below that amount. Earnings include all wage and salary income. Unlike mean earnings, median earnings either do not change or change very little in response to extreme observations.

**Middle school** A school with no grade lower than 5 and no grade higher than 8.

**Migration** Geographic mobility involving a change of usual residence between clearly defined geographic units, that is, between counties, states, or regions.

**Minimum-competency testing** Measuring the acquisition of competence or skills to or beyond a certain specified standard.

**Model** A system of postulates, data, and inferences presented as a mathematical description of a phenomenon, such as an actual system or process. The actual phenomenon is represented by the model in order to explain, predict, and control it.

**Montessori school** A school that provides instruction using Montessori teaching methods.

**Multiple disabilities** See Disabilities, children with.

**National Assessment of Educational Progress (NAEP)** See Appendix A: Guide to Sources.

**National School Lunch Program** Established by President Truman in 1946, the program is a federally assisted meal program operated in public and private nonprofit schools and residential child care centers. To be eligible for free lunch, a student must be from a household with an income at or below 130 percent of the federal poverty guideline; to be eligible for reduced-price lunch, a student must be from a household with an income between 130 percent and 185 percent of the federal poverty guideline.

**Newly qualified teachers** People who: (1) first became eligible for a teaching license during the period of the study referenced or who were teaching at the time of survey, but were not certified or eligible for a teaching license; and (2) had never held full-time, regular teaching positions (as opposed to

substitute) prior to completing the requirements for the degree that brought them into the survey.

**Non-degree-granting institutions** Postsecondary institutions that participate in Title IV federal financial aid programs but do not offer accredited 4-year or 2-year degree programs. Includes some institutions transitioning to higher level program offerings, though still classified at a lower level.

**Nonprofessional staff** See Employees in degree-granting institutions.

**Nonprofit institution** A private institution in which the individual(s) or agency in control receives no compensation other than wages, rent, or other expenses for the assumption of risk. Nonprofit institutions may be either independent nonprofit (i.e., having no religious affiliation) or religiously affiliated.

**Nonresident alien** A person who is not a citizen of the United States and who is in this country on a temporary basis and does not have the right to remain indefinitely.

**Nonsectarian school** Nonsectarian schools do not have a religious orientation or purpose and are categorized as regular, special program emphasis, or special education schools. See also Regular school, Special program emphasis school, and Special education school.

**Nonsupervisory instructional staff** People such as curriculum specialists, counselors, librarians, remedial specialists, and others possessing education certification, but not responsible for day-to-day teaching of the same group of pupils.

**Nursery school** An instructional program for groups of children during the year or years preceding kindergarten, which provides educational experiences under the direction of teachers. See also Prekindergarten and Preschool.

**Obligations** Amounts of orders placed, contracts awarded, services received, or similar legally binding commitments made by federal agencies during a given period that will require outlays during the same or some future period.

**Occupied housing unit** Separate living quarters with occupants currently inhabiting the unit. See also Housing unit.

**Off-budget federal entities** Organizational entities, federally owned in whole or in part, whose transactions belong in the budget under current budget accounting concepts, but that have been excluded from the budget totals under provisions of law. An example of an off-budget federal entity is the Federal Financing Bank, which provides student loans under the Direct Loan Program.

**On-budget funding** Federal funding for education programs that is tied to appropriations. On-budget funding does not include the Direct Loan Program, under which student loans are provided by the Federal Financing Bank, an off-budget federal entity. See also Off-budget federal entities.

**Operation and maintenance services** Includes salary, benefits, supplies, and contractual fees for supervision of operations and maintenance, operating buildings (heating, lighting, ventilating, repair, and replacement), care and upkeep of grounds and equipment, vehicle operations and maintenance (other than student transportation), security, and other operations and maintenance services.

**Ordinary least squares (OLS)** The estimator that minimizes the sum of squared residuals.

**Organization for Economic Cooperation and Development (OECD)** An intergovernmental organization of industrialized countries that serves as a forum for member countries to cooperate in research and policy development on social and economic topics of common interest. In addition to member countries, partner countries contribute to the OECD's work in a sustained and comprehensive manner.

**Orthopedic impairment** See Disabilities, children with.

**Other health impairment** See Disabilities, children with.

**Other professional staff** See Employees in degree-granting institutions.

**Other religious school** Other religious schools have a religious orientation or purpose, but are not Roman Catholic. Other religious schools are categorized according to religious association membership as Conservative Christian, other affiliated, or unaffiliated.

**Other support services** Includes salary, benefits, supplies, and contractual fees for business support services, central support services, and other support services not otherwise classified.

**Other support services staff** All staff not reported in other categories. This group includes media personnel, social workers, bus drivers, security, cafeteria workers, and other staff.

**Outlays** The value of checks issued, interest accrued on the public debt, or other payments made, net of refunds and reimbursements.

**Parameter** A quantity that describes a statistical population.

**Part-time enrollment** The number of students enrolled in postsecondary education courses with a total credit load less than 75 percent of the normal full-time credit load. At the undergraduate level, part-time enrollment typically includes students who have a credit load of less than 12 semester or quarter credits. At the postbaccalaureate level, part-time enrollment typically includes students who have a credit load of less than 9 semester or quarter credits.

**Pass-through transaction** A payment that a postsecondary institution applies directly to a student's account. The payment "passes through" the institution for the student's benefit. Most private institutions treat Pell grants as pass-through transactions. At these institutions, any Pell grant funds that are applied to a student's tuition are reported as tuition revenues. In contrast, the vast majority of public institutions report Pell grants both as federal revenues and as allowances that reduce tuition revenues.

**Personal income** Current income received by people from all sources, minus their personal contributions for social insurance. Classified as "people" are individuals (including owners of unincorporated firms), nonprofit institutions serving individuals, private trust funds, and private noninsured welfare funds. Personal income includes transfers (payments not resulting from current production) from government and business such as social security benefits and military pensions, but excludes transfers among people.

**Physical plant assets** Includes the values of land, buildings, and equipment owned, rented, or utilized by colleges. Does not include those plant values that are a part of endowment or other capital fund investments in real estate; excludes construction in progress.

**Postbaccalaureate certificate** An award that requires completion of an organized program of study beyond the bachelor's. It is designed for persons who have completed a bachelor's degree, but does not meet the requirements of a master's degree.

**Postbaccalaureate enrollment** The number of students working toward advanced degrees and of students enrolled in graduate-level classes but not enrolled in degree programs. See also Graduate enrollment.

**Postsecondary education** The provision of formal instructional programs with a curriculum designed primarily for students who have completed the requirements for a high school diploma or equivalent. This includes programs of an academic, vocational, and continuing professional education purpose, and excludes avocational and adult basic education programs.

**Postsecondary institutions (basic classification by level)**

**4-year institution** An institution offering at least a 4-year program of college-level studies wholly or principally creditable toward a baccalaureate degree.

**2-year institution** An institution offering at least a 2-year program of college-level studies that terminates in an associate degree or is principally creditable toward a baccalaureate degree. Data prior to 1996 include some institutions that have a less-than-2-year program, but were designated as higher education institutions in the Higher Education General Information Survey.

**Less-than-2-year institution** An institution that offers programs of less than 2 years' duration below the baccalaureate level. Includes occupational and vocational schools with programs that do not exceed 1,800 contact hours.

**Postsecondary institutions (2005 Carnegie classification of degree-granting institutions)**

**Doctorate-granting** Characterized by a significant level and breadth of activity in commitment to doctoral-level education as measured by the number of doctorate recipients and the diversity in doctoral-level program offerings. These institutions are assigned to one of the three subcategories listed below based on level of research activity (for more information on the research activity index used to assign institutions to the subcategories, see <http://carnegieclassifications.iu.edu/>):

**Research university, very high** Characterized by a very high level of research activity.

**Research university, high** Characterized by a high level of research activity.

**Doctoral/research university** Awarding at least 20 doctor's degrees per year, but not having a high level of research activity.

**Master's** Characterized by diverse postbaccalaureate programs but not engaged in significant doctoral-level education.

**Baccalaureate** Characterized by primary emphasis on general undergraduate, baccalaureate-level education. Not significantly engaged in postbaccalaureate education.

**Special focus** Baccalaureate or postbaccalaureate institution emphasizing one area (plus closely related specialties), such as business or engineering. The programmatic emphasis is measured by the percentage of degrees granted in the program area.

**Associate's** Institutions conferring at least 90 percent of their degrees and awards for work below the bachelor's level. In NCES tables, excludes all institutions offering any 4-year programs leading to a bachelor's degree.

**Tribal** Colleges and universities that are members of the American Indian Higher Education Consortium, as identified in IPEDS Institutional Characteristics.

**Poverty (official measure)** The U.S. Census Bureau uses a set of money income thresholds that vary by family size and composition. A family, along with each individual in it, is considered poor if the family's total income is less than that family's threshold. The poverty thresholds do not vary geographically and are adjusted annually for inflation using the Consumer Price Index. The official poverty definition counts money income before taxes and does not include capital gains and noncash benefits (such as public housing, Medicaid, and food stamps). See also Supplemental Poverty Measure (SPM).

**Prekindergarten** Preprimary education for children typically ages 3–4 who have not yet entered kindergarten. It may offer a program of general education or special education and may be part of a collaborative effort with Head Start.

**Preschool** An instructional program enrolling children generally younger than 5 years of age and organized to provide children with educational experiences under professionally qualified teachers during the year or years immediately preceding kindergarten (or prior to entry into elementary school when there is no kindergarten). See also Nursery school and Prekindergarten.

**Primary school** A school with at least one grade lower than 5 and no grade higher than 8.

**Private institution** An institution that is controlled by an individual or agency other than a state, a subdivision of a state, or the federal government; that is usually supported primarily by other than public funds; and the operation of whose program rests with other than publicly elected or appointed officials.

**Private nonprofit institution** An institution in which the individual(s) or agency in control receives no compensation other than wages, rent, or other expenses for the assumption of risk. These include both independent nonprofit institutions and those affiliated with a religious organization.

**Private for-profit institution** An institution in which the individual(s) or agency in control receives compensation other than wages, rent, or other expenses for the assumption of risk (e.g., proprietary schools).

**Private school** Private elementary/secondary schools surveyed by the Private School Universe Survey (PSS) are assigned to one of three major categories (Catholic, other religious, or nonsectarian) and, within each major category, one of three subcategories based on the school's religious affiliation provided by respondents.

**Catholic** Schools categorized according to governance, provided by Catholic school respondents, into parochial, diocesan, and private schools.

**Other religious** Schools that have a religious orientation or purpose but are not Roman Catholic. Other religious schools are categorized according to religious association membership, provided by respondents, into Conservative Christian, other affiliated, and unaffiliated schools. Conservative Christian schools are those "Other religious" schools with membership in at least one of four associations: Accelerated Christian Education, American Association of Christian Schools, Association of Christian Schools International, and Oral Roberts University Education Fellowship. Affiliated schools are those "Other religious" schools not classified as Conservative Christian with membership in at least 1 of 11 associations—Association of Christian Teachers and Schools, Christian Schools International, Evangelical Lutheran Education Association, Friends Council on Education, General Conference of the Seventh-Day Adventist Church, Islamic

School League of America, National Association of Episcopal Schools, National Christian School Association, National Society for Hebrew Day Schools, Solomon Schechter Day Schools, and Southern Baptist Association of Christian Schools—or indicating membership in “other religious school associations.” Unaffiliated schools are those “Other religious” schools that have a religious orientation or purpose but are not classified as Conservative Christian or affiliated.

**Nonsectarian** Schools that do not have a religious orientation or purpose and are categorized according to program emphasis, provided by respondents, into regular, special emphasis, and special education schools. Regular schools are those that have a regular elementary/secondary or early childhood program emphasis. Special emphasis schools are those that have a Montessori, vocational/technical, alternative, or special program emphasis. Special education schools are those that have a special education program emphasis.

**Professional staff** See Employees in degree-granting institutions.

**Program for International Student Assessment (PISA)** See Appendix A: Guide to Sources.

**Projection** In relation to a time series, an estimate of future values based on a current trend.

**Property tax** The sum of money collected from a tax levied against the value of property.

**Proprietary (for profit) institution** A private institution in which the individual(s) or agency in control receives compensation other than wages, rent, or other expenses for the assumption of risk.

**Public school or institution** A school or institution controlled and operated by publicly elected or appointed officials and deriving its primary support from public funds.

**Pupil/teacher ratio** The enrollment of pupils at a given period of time, divided by the full-time-equivalent number of classroom teachers serving these pupils during the same period.

**Purchasing Power Parity (PPP) indexes** PPP exchange rates, or indexes, are the currency exchange rates that equalize the purchasing power of different currencies, meaning that when a given sum of money is converted into different currencies at the PPP exchange rates, it will buy the same basket of goods and services in all countries. PPP indexes are the rates of currency conversion that eliminate the difference in price levels among countries. Thus, when expenditures on gross domestic product (GDP) for different countries are converted into a common currency by means of PPP indexes, they are expressed at the same set of international prices, so that comparisons among countries reflect only differences in the volume of goods and services purchased.

**R<sup>2</sup>** The coefficient of determination; the square of the correlation coefficient between the dependent variable and its ordinary least squares (OLS) estimate.

**Racial/ethnic group** Classification indicating general racial or ethnic heritage. Race/ethnicity data are based on the *Hispanic* ethnic category and the race categories listed below (five single-race categories, plus the *Two or more races* category). Race categories exclude persons of Hispanic ethnicity unless otherwise noted.

**White** A person having origins in any of the original peoples of Europe, the Middle East, or North Africa.

**Black or African American** A person having origins in any of the black racial groups of Africa. Used interchangeably with the shortened term *Black*.

**Hispanic or Latino** A person of Cuban, Mexican, Puerto Rican, South or Central American, or other Spanish culture or origin, regardless of race. Used interchangeably with the shortened term *Hispanic*.

**Asian** A person having origins in any of the original peoples of the Far East, Southeast Asia, or the Indian subcontinent, including, for example, Cambodia, China, India, Japan, Korea, Malaysia, Pakistan, the Philippine Islands, Thailand, and Vietnam. Prior to 2010–11, the Common Core of Data (CCD) combined Asian and Pacific Islander categories.

**Native Hawaiian or Other Pacific Islander** A person having origins in any of the original peoples of Hawaii, Guam, Samoa, or other Pacific Islands. Prior to 2010–11, the Common Core of Data (CCD) combined Asian and Pacific Islander categories. Used interchangeably with the shortened term Pacific Islander.

**American Indian or Alaska Native** A person having origins in any of the original peoples of North and South America (including Central America), and who maintains tribal affiliation or community attachment.

**Two or more races** A person identifying himself or herself as of two or more of the following race groups: White, Black, Asian, Native Hawaiian or Other Pacific Islander, or American Indian or Alaska Native. Some, but not all, reporting districts use this category. “Two or more races” was introduced in the 2000 Census and became a regular category for data collection in the Current Population Survey in 2003. The category is sometimes excluded from a historical series of data with constant categories. It is sometimes included within the category “Other.”

**Region** See Geographic region.

**Regression analysis** A statistical technique for investigating and modeling the relationship between variables.

**Regular school** A public elementary/secondary or charter school providing instruction and education services that does not focus primarily on special education, vocational/technical education, or alternative education.

**Related children** Related children in a family include own children and all other children in the household who are related to the householder by birth, marriage, or adoption.

**Remedial education** Instruction for a student lacking those reading, writing, or math skills necessary to perform college-level work at the level required by the attended institution.

**Resident population** Includes civilian population and armed forces personnel residing within the United States; excludes armed forces personnel residing overseas.

**Retention in grade** Retaining a student in the same grade from one school year to the next.

**Revenue** All funds received from external sources, net of refunds, and correcting transactions. Noncash transactions, such as receipt of services, commodities, or other receipts in kind are excluded, as are funds received from the issuance of debt, liquidation of investments, and nonroutine sale of property.

**Revenue receipts** Additions to assets that do not incur an obligation that must be met at some future date and do not represent exchanges of property for money. Assets must be available for expenditures.

**Rho** A measure of the correlation coefficient between errors in time period  $t$  and time period  $t$  minus 1.

**Rural school** See Locale codes.

**Salary** The total amount regularly paid or stipulated to be paid to an individual, before deductions, for personal services rendered while on the payroll of a business or organization.

**Sales and services** Revenues derived from the sales of goods or services that are incidental to the conduct of instruction, research, or public service. Examples include film rentals, scientific and literary publications, testing services, university presses, and dairy products.

**Sales tax** Tax imposed upon the sale and consumption of goods and services. It can be imposed either as a general tax on the retail price of all goods and services sold or as a tax on the sale of selected goods and services.

**SAT** An examination administered by the Educational Testing Service and used to predict the facility with which an individual will progress in learning college-level academic subjects. It was formerly called the Scholastic Assessment Test.

**Scholarships and fellowships** This category of college expenditures applies only to money given in the form of outright grants and trainee stipends to individuals enrolled in formal coursework, either for credit or not. Aid to students in the form of tuition or fee remissions is included. College work-study funds are excluded and are reported under the program in which the student is working.

**School** A division of the school system consisting of students in one or more grades or other identifiable groups and organized to give instruction of a defined type. One school may share a building with another school or one school may be housed in several buildings. Excludes schools that have closed or are planned for the future.

**School administration support services** Includes salary, benefits, supplies, and contractual fees for the office of the principal, full-time department chairpersons, and graduation expenses.

**School climate** The social system and culture of the school, including the organizational structure of the school and values and expectations within it.

**School district** An education agency at the local level that exists primarily to operate public schools or to contract for public school services. Synonyms are “local basic administrative unit” and “local education agency.”

**Science** The body of related courses concerned with knowledge of the physical and biological world and with the processes of discovering and validating this knowledge.

**Secondary enrollment** The total number of students registered in a school beginning with the next grade following an elementary or middle school (usually 7, 8, or 9) and ending with or below grade 12 at a given time.

**Secondary instructional level** The general level of instruction provided for pupils in secondary schools (generally covering grades 7 through 12 or 9 through 12) and any instruction of a comparable nature and difficulty provided for adults and youth beyond the age of compulsory school attendance.

**Secondary school** A school comprising any span of grades beginning with the next grade following an elementary or middle school (usually 7, 8, or 9) and ending with or below grade 12. Both junior high schools and senior high schools are included.

**Senior high school** A secondary school offering the final years of high school work necessary for graduation.

**Serial correlation** Correlation of the error terms from different observations of the same variable. Also called Autocorrelation.

**Serial volumes** Publications issued in successive parts, usually at regular intervals, and as a rule, intended to be continued indefinitely. Serials include periodicals, newspapers, annuals, memoirs, proceedings, and transactions of societies.

**Social studies** A group of instructional programs that describes the substantive portions of behavior, past and present activities, interactions, and organizations of people associated together for religious, benevolent, cultural, scientific, political, patriotic, or other purposes.

**Socioeconomic status (SES)** The SES index is a composite of often equally weighted, standardized components, such as father’s education, mother’s education, family income, father’s occupation, and household items. The terms high, middle, and low SES refer to ranges of the weighted SES composite index distribution.

**Special education** Direct instructional activities or special learning experiences designed primarily for students identified as having exceptionalities in one or more aspects of the cognitive process or as being underachievers in relation to general level or model of their overall abilities. Such services usually are directed at students with the following conditions: (1) physically disabled; (2) emotionally disabled; (3) culturally different, including compensatory education; (4) intellectually disabled; and (5) students with learning disabilities. Programs for the mentally gifted and talented are also included in some special education programs. See also Disabilities, children with.

**Special education school** A public elementary/secondary school that focuses primarily on special education for children with disabilities and that adapts curriculum, materials, or instruction for students served. See also Disabilities, children with.

**Special program emphasis school** A science/mathematics school, a performing arts high school, a foreign language immersion school, and a talented/gifted school are examples of schools that offer a special program emphasis.

**Specific learning disability** See Disabilities, children with.

**Speech or language impairment** See Disabilities, children with.

**Standard error of estimate** An expression for the standard deviation of the observed values about a regression line. An estimate of the variation likely to be encountered in making predictions from the regression equation.

**Standardized test** A test composed of a systematic sampling of behavior, administered and scored according to specific instructions, capable of being interpreted in terms of adequate norms, and for which there are data on reliability and validity.

**Standardized test performance** The weighted distributions of composite scores from standardized tests used to group students according to performance.

**Status dropout rate** The percentage of individuals within a given age range who are not enrolled in school and lack a high school credential, regardless of when they dropped out.

**Status dropout rate (Current Population Survey)** The percentage of civilian, noninstitutionalized young people ages 16–24 who are not in school and have not earned a high school credential (either a diploma or equivalency credential such as a GED certificate). The numerator of the status dropout rate for a given year is the number of individuals ages 16–24 who, as of October of that year, have not completed a

high school credential and are not currently enrolled in school. The denominator is the total number of individuals ages 16–24 in the United States in October of that year. Status dropout rates count the following individuals as dropouts: those who never attended school and immigrants who did not complete the equivalent of a high school education in their home country.

**Status dropout rate (American Community Survey)** Similar to the status dropout rate (Current Population Survey), except that institutionalized persons, incarcerated persons, and active duty military personnel living in barracks in the United States may be included in this calculation.

**STEM fields** Science, Technology, Engineering, and Mathematics (STEM) fields of study that are considered to be of particular relevance to advanced societies. For the purposes of *The Condition of Education 2015*, STEM fields include agriculture and natural resources, architecture, biology and biomedical sciences, computer and information sciences, engineering and engineering technologies, health studies, mathematics and statistics, and physical and social sciences. STEM occupations include computer scientists and mathematicians; engineers and architects; life, physical, and social scientists; medical professionals; and managers of STEM activities.

**Student** An individual for whom instruction is provided in an educational program under the jurisdiction of a school, school system, or other education institution. No distinction is made between the terms “student” and “pupil,” though “student” may refer to one receiving instruction at any level while “pupil” refers only to one attending school at the elementary or secondary level. A student may receive instruction in a school facility or in another location, such as at home or in a hospital. Instruction may be provided by direct student-teacher interaction or by some other approved medium such as television, radio, telephone, and correspondence.

**Student membership** Student membership is an annual headcount of students enrolled in school on October 1 or the school day closest to that date. The Common Core of Data (CCD) allows a student to be reported for only a single school or agency. For example, a vocational school (identified as a “shared time” school) may provide classes for students from a number of districts and show no membership.

**Student support services** Includes salary, benefits, supplies, and contractual fees for staff providing attendance and social work, guidance, health, psychological services, speech pathology, audiology, and other support to students.

**Study abroad population** U.S. citizens and permanent residents, enrolled for a degree at an accredited higher education institution in the United States, who received academic credit for study abroad from their home institutions upon their return. Students studying abroad without receiving academic credit are not included, nor are U.S. students enrolled for a degree overseas.

**Supervisory staff** Principals, assistant principals, and supervisors of instruction; does not include superintendents or assistant superintendents.

**Supplemental Poverty Measure (SPM)** An alternative measure of poverty that supplements the U.S. Census Bureau's official poverty measure by adding to family income the value of benefits—including nutritional assistance, housing subsidies, and home energy assistance—from many government programs designed to assist those with low incomes, subtracting taxes and necessary expenses such as child care costs (for working families) and out-of-pocket medical expenses, and adjusting poverty thresholds for geographic differences in housing costs. See also Poverty (official measure).

**Suspension** Temporarily removing a student from his or her regular classroom (an in-school suspension) or from his or her regular school (an out-of-school suspension) generally for disciplinary purposes.

**Tax base** The collective value of objects, assets, and income components against which a tax is levied.

**Tax expenditures** Losses of tax revenue attributable to provisions of the federal income tax laws that allow a special exclusion, exemption, or deduction from gross income or provide a special credit, preferential rate of tax, or a deferral of tax liability affecting individual or corporate income tax liabilities.

**Teacher** see Instructional staff.

**Technical education** A program of vocational instruction that ordinarily includes the study of the sciences and mathematics underlying a technology, as well as the methods, skills, and materials commonly used and the services performed in the technology. Technical education prepares individuals for positions—such as draftsman or lab technician—in the occupational area between the skilled craftsman and the professional person.

**Three-year moving average** An arithmetic average of the year indicated, the year immediately preceding, and the year immediately following. Use of a 3-year moving average increases the sample size, thereby reducing the size of sampling errors and producing more stable estimates.

**Time series** A set of ordered observations on a quantitative characteristic of an individual or collective phenomenon taken at different points in time. Usually the observations are successive and equally spaced in time.

**Time series analysis** The branch of quantitative forecasting in which data for one variable are examined for patterns of trend, seasonality, and cycle.

**Title I school** A school designated under appropriate state and federal regulations as a high-poverty school that is eligible for

participation in programs authorized by Title I of the Reauthorization of the Elementary and Secondary Education Act, P.L. 107-110.

**Title IV** Refers to a section of the Higher Education Act of 1965 that covers the administration of the federal student financial aid program.

**Title IV eligible institution** A postsecondary institution that meets the criteria for participating in federal student financial aid programs. An eligible institution must be any of the following: (1) an institution of higher education (with public or private, nonprofit control), (2) a proprietary institution (with private for-profit control), and (3) a postsecondary vocational institution (with public or private, nonprofit control). In addition, it must have acceptable legal authorization, acceptable accreditation and admission standards, eligible academic program(s), administrative capability, and financial responsibility.

**Total expenditure per pupil in average daily attendance** Includes all expenditures allocable to per pupil costs divided by average daily attendance. These allocable expenditures include current expenditures for regular school programs, interest on school debt, and capital outlay. Beginning in 1980–81, expenditures for state administration are excluded and expenditures for other programs (summer schools and designated subsidies for community colleges and private schools) are included.

**Town school** See Locale codes.

**Traditional public school** Publicly funded schools other than public charter schools. See also Public school or institution and Charter school.

**Transcript** An official list of all courses taken by a student at a school or college showing the final grade received for each course, with definitions of the various grades given at the institution.

**Traumatic brain injury** See Disabilities, children with.

**Trust funds** Amounts collected and used by the federal government for carrying out specific purposes and programs according to terms of a trust agreement or statute, such as the Social Security and unemployment trust funds. Trust fund receipts that are not anticipated to be used in the immediate future are generally invested in interest-bearing government securities and earn interest for the trust fund.

**Tuition and fees** A payment or charge for instruction or compensation for services, privileges, or the use of equipment, books, or other goods. Tuition may be charged per term, per course, or per credit.

**Type of school** A classification of public elementary and secondary schools that includes the following categories: regular schools, special education schools, vocational schools, and alternative schools. See also Regular school, Special education school, Vocational school, and Alternative school.

**Unadjusted dollars** See Current dollars.

**Unclassified students** Students who are not candidates for a degree or other formal award, although they are taking higher education courses for credit in regular classes with other students.

**Undergraduate students** Students registered at an institution of postsecondary education who are working in a baccalaureate degree program or other formal program below the baccalaureate, such as an associate's degree, vocational, or technical program.

**Unemployed** Civilians who had no employment but were available for work and: (1) had engaged in any specific job-seeking activity within the past 4 weeks; (2) were waiting to be called back to a job from which they had been laid off; or (3) were waiting to report to a new wage or salary job within 30 days.

**Ungraded student (elementary/secondary)** A student who has been assigned to a school or program that does not have standard grade designations.

**Urban fringe school** See Locale codes.

**U.S. Service Academies** These higher education institutions are controlled by the U.S. Department of Defense and the U.S. Department of Transportation. The 5 institutions counted in the NCES surveys of degree-granting institutions include: the U.S. Air Force Academy, U.S. Coast Guard Academy, U.S. Merchant Marine Academy, U.S. Military Academy, and the U.S. Naval Academy.

**Variable** A quantity that may assume any one of a set of values.

**Visual and performing arts** A group of instructional programs that generally describes the historic development, aesthetic qualities, and creative processes of the visual and performing arts.

**Visual impairment** See Disabilities, children with.

**Vocational education** Organized educational programs, services, and activities that are directly related to the preparation of individuals for paid or unpaid employment, or for additional preparation for a career, requiring other than a baccalaureate or advanced degree.

**Vocational school** A public school that focuses primarily on providing formal preparation for semiskilled, skilled, technical, or professional occupations for high school-age students who have opted to develop or expand their employment opportunities, often in lieu of preparing for college entry.

**Years out** In forecasting by year, the number of years since the last year of actual data for that statistic used in producing the forecast.





